

APPLICATION FOR INJECTION WELL

18-CONS-3195-CUIC

Disposal

Enhanced Recovery: Repressuring
 Waterflood
 Tertiary

Date: October 1, 2017

Operator License Number: 35503 Exp 09/30/18

Operator: Midstates Energy Operating, LLC

Address: 5571 Halifax Ave.
Ft. Meyers, FL 33912

cc: Lesli Baker

Contact Person: Ronald Inge

Phone: 239-454-4999

Email: NA

Permit Number: E-32,566 NEW 3-JK

API Number: 15-045-22052-00-00

Well Location

SW - NE - NW - NW Sec. 36 Twp. 13 S. R. 20 E W

4750 feet from N / S Line of Section

4590 feet from E / W Line of Section

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: NW/4 of the Sec.36 Twp.13S R.20E

Lease Name: Hadl Well Number: I-1

Field Name: Jayhawk

County: Douglas

Deepest Usable Water

Formation: _____ **Received**
 KANSAS CORPORATION COMMISSION

Depth to Bottom of Formation: Squirrel **OCT 12 2017**

CONSERVATION DIVISION
WICHITA, KS

Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled

Surface Elevation: _____ feet Well Total Depth: 829 feet Plug Back Depth: _____ feet

Datum of top of injection formation: _____ feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Squirrel	<u>750 / 760</u>	<u>perf.</u>	<u>750 to 760</u> feet
_____	_____ / _____	_____	_____ to _____ feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:
 (attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
<u>1. Midstates Energy Operating, LLC</u>	<u>Hadl Lease</u>	<u>Sec.36 Twp.13S R.20E</u>	<u>See Attached</u>
<u>2. _____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>3. _____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Squirrel</u>	<u>_____ to _____</u> feet	<u>_____</u> mg/l
<u>2. _____</u>	<u>_____ to _____</u> feet	<u>_____</u> mg/l
<u>3. _____</u>	<u>_____ to _____</u> feet	<u>_____</u> mg/l

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: _____ scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 600 psig

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Paid \$250.00
CK 1090
10/12/17

Well Completion

Type: Tubing & Packer Packerless Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		7		2 7/8	
Setting Depth		40		828	
Amount of Cement		7		145	
Top of Cement		0		0	
Bottom of Cement		40		828	

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at _____ feet, cemented to _____ feet with _____ sx.

Tubing: Type _____ Grade _____

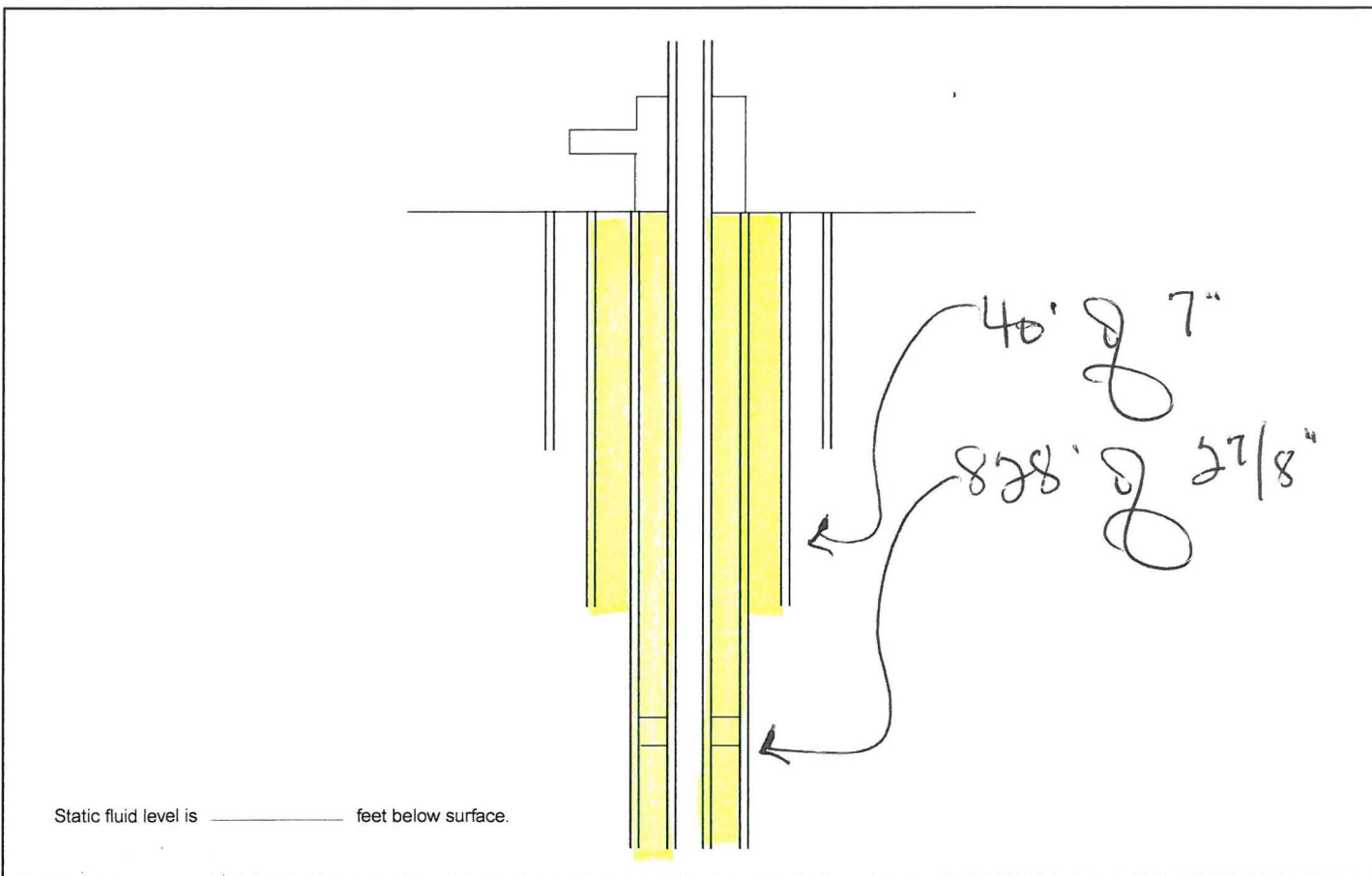
Packer: Type _____ Depth _____

Annulus Corrosion Inhibitor: Type _____ Concentration _____

List Logs Enclosed: _____

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

See Attached

Received
KANSAS CORPORATION COMMISSION

OCT 12 2017

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

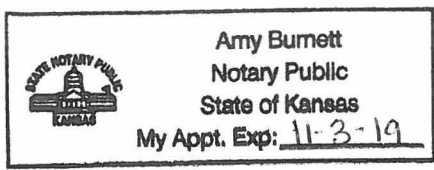
CONSERVATION DIVISION
WICHITA, KS

Jesse Baker
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2017

Amy Burnett
Notary Public

My Commission Expires: 11-3-19



Instructions:

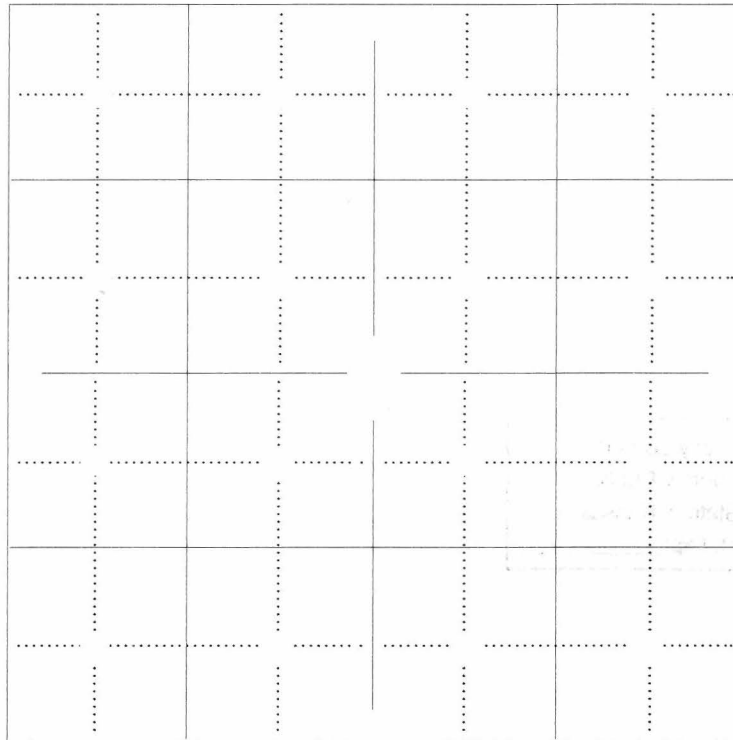
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
2. Attach some type of log (*drillers log, electric log, etc.*).
3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
4. Attach Affidavit of Notice.
5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. **No injection well may be used without prior written authorization.**
9. All application fees must accompany the application.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Midstates Energy Operating, LLC Location of Well: SW NE NW NW/4 of the Sec.36 Twp.13S R.20E
 Lease: Hadl Lease 4750 feet from N / S Line of Section
 Well Number: Hadl I-1 4590 feet from E / W Line of Section
 County: Douglas Sec. 36 Twp. 13 S. R. 20 East West

Plat
 Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.

*See
attached
maps*



- applicant well
- producing well
- plugged injection well
- D & A well
- other injection well
- temporary abandoned well
- plugged producer
- water supply well

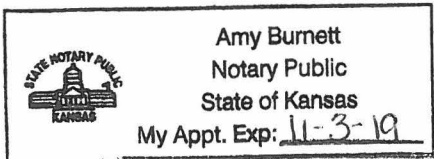
The undersigned hereby certifies that he / she is a duly authorized agent for Midstates Energy Op., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Jesse Baker
 Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2017

Amy Burnett
 Notary Public

My Commission Expires: 11-3-19





Water Well (38 883726 -95 148598)

28' Distance

(38 882689 -95 146404)

996 E 1900 Rd, Lawrence, KS 66046, USA

Google earth

Google earth

feet
meters

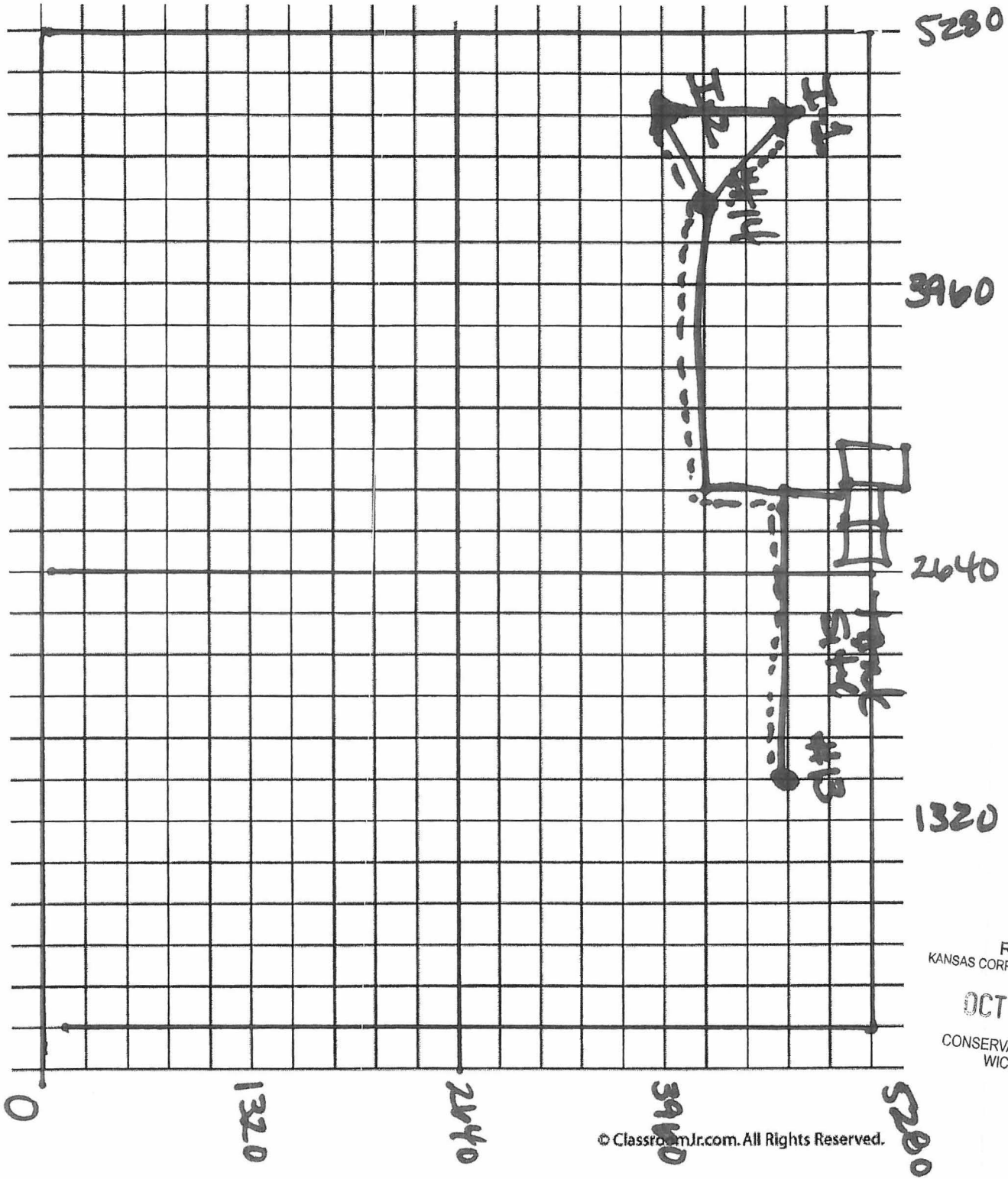
900
300



Received
KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
WICHITA, KS



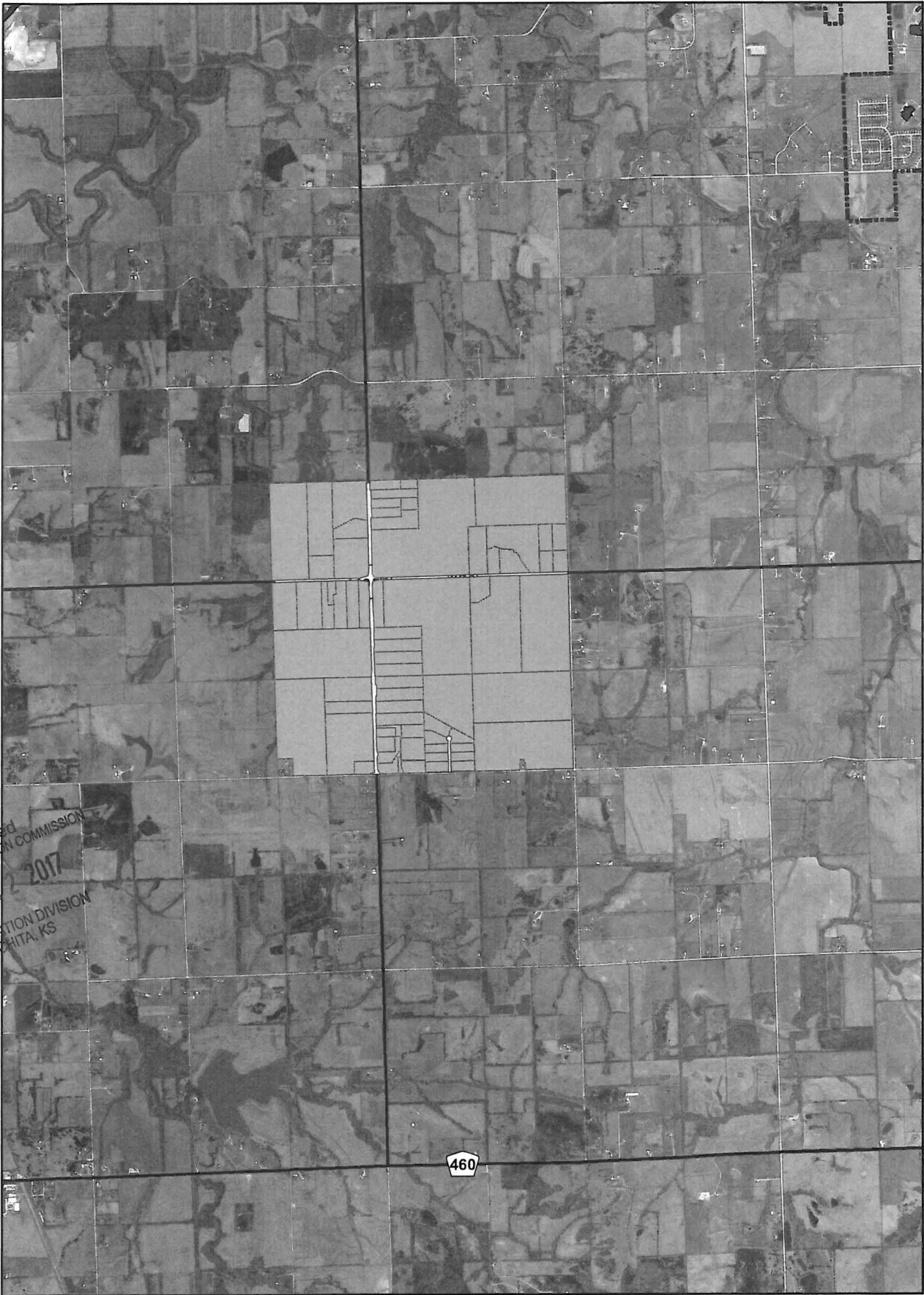
Hand Drawn

Received
 KANSAS CORPORATION COMMISSION
 OCT 12 2017
 CONSERVATION DIVISION
 WICHITA, KS

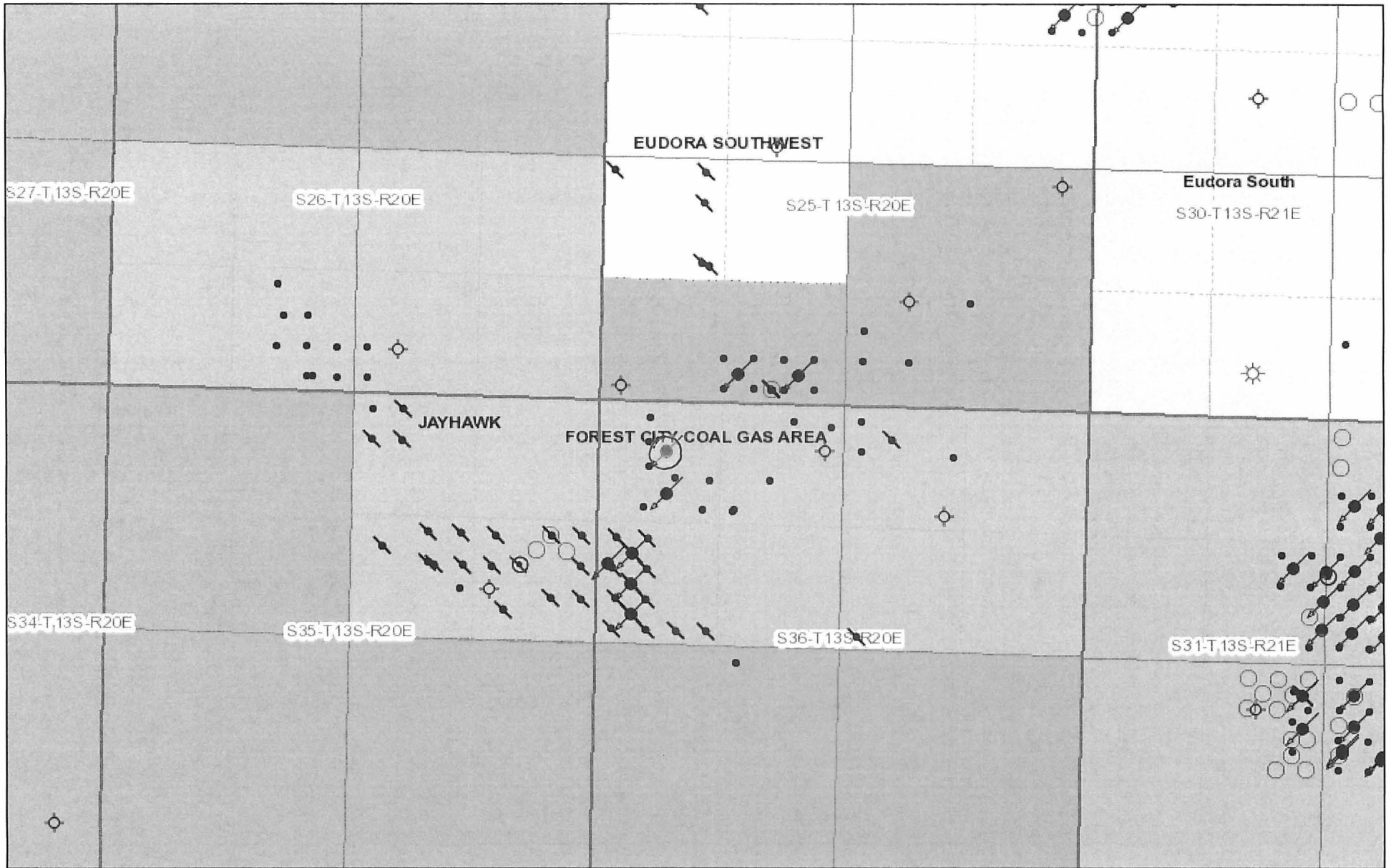
© ClassroomJr.com. All Rights Reserved.



POL WITHIN 1/2 MILE OF NW/4 36-13-20



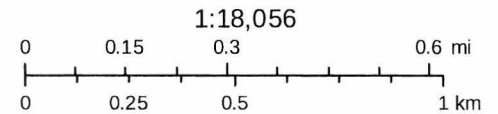
Hadl Lease



September 27, 17

Robert S. Harwell
Alternative Energy System
Kansas Oil Properties
Rolex Inc.

Received
OCT 12 2017
KANSAS CORPORATION COMMISSION
MORHIA, KS
CONSERVATION DIVISION



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey

Affidavit of Notice Served

Re: Application for: Midstates Energy Operating, LLC
Well Name: Hadl I-1 Legal Location: SW NE NW NW/4 of the Sec.36 Twp.13S R20E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 10 of October, 2017, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

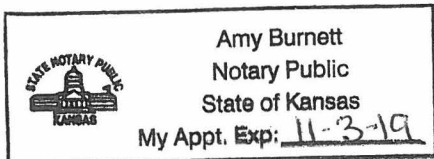
Name _____ Address (Attach additional sheets if necessary) _____
See Attached

Received
KANSAS CORPORATION COMMISSION
OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS

I further attest that notice of the filing of this application was published in the Lawrence Journal-World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

Signed this 10 day of October, 2017
[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 10 day of October, 2017



[Signature]
Notary Public
My Commission Expires: 11-3-19

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

107-36-0-00-00-011.02-0	3.48493772 SULLIVAN JASON	SULLIVAN REBECCA	910 E 1938 RD	EUDORA	KS	66025	200158BB	023-107-36-0-00-00-011.02-0	R25130	910 E 1938 RD
107-36-0-00-00-011.08-0	3.48578757 SLAVENS LARRY J SR	SLAVENS DORIS F	909 E 1938 RD	EUDORA	KS	66025	200158BH	023-107-36-0-00-00-011.08-0	R25136	909 E 1938 RD
107-36-0-00-00-010.00-0	4.80991238 MORGAN LARRY E		1920 N 900 RD	EUDORA	KS	66025	200158A01	023-107-36-0-00-00-010.00-0	R25127	1920 N 900 RD
107-36-0-00-00-011.01-0	4.01129202 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BA	023-107-36-0-00-00-011.01-0	R25129	
107-35-0-00-00-012.04-0	4.23303173 KELLY MATTHEW		1892 N 900 RD	EUDORA	KS	66025	200151CA	023-107-35-0-00-00-012.04-0	R25102	1892 N 900 RD
107-36-0-00-00-011.09-0	3.97466434 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BI	023-107-36-0-00-00-011.09-0	R25137	
107-36-0-00-00-011.06-0	4.26945657 BRADY THOMAS M CO-TRUSTEE	BRADY DOREEN D CO-TRUSTEE	927 E 1938 RD	EUDORA	KS	66025	200158BF	023-107-36-0-00-00-011.06-0	R25134	927 E 1938 RD
107-36-0-00-00-011.05-0	6.23883872 BRADEN GREGORY G	BRADEN SANDRA D	933 E 1938 RD	EUDORA	KS	66025	200158BE	023-107-36-0-00-00-011.05-0	R25133	933 E 1938 RD
107-36-0-00-00-011.04-0	3.98642499 SLAVENS LISA S	SLAVENS KENT A	924 E 1938 RD	EUDORA	KS	66025	200158BD	023-107-36-0-00-00-011.04-0	R25132	924 E 1938 RD
107-25-0-00-00-006.00-0	27.36497153 JONES JORDAN	JONES DAWN	11422 GRANT DR	OVERLAND PARK	KS	66210	200134	023-107-25-0-00-00-006.00-0	R25062	1984 N 1000 RD
107-25-0-00-00-006.02-0	5.36214017 HEIER ALAN J	HEIER MARY J	1962 N 1000 RD	EUDORA	KS	66025	200134CA	023-107-25-0-00-00-006.02-0	R25064	1962 N 1000 RD
107-25-0-00-00-006.01-0	8.94671277 SNOW MICHAEL W	SNOW WILLY D	1972 N 1000 RD	EUDORA	KS	66025	200134C	023-107-25-0-00-00-006.01-0	R25063	1972 N 1000 RD
107-36-0-00-00-009.11-0	0.2399193 MORGAN LARRY E	MORGAN DEBORAH L	1920 N 900 RD	EUDORA	KS	66025	200158A01A	023-107-36-0-00-00-009.11-0	R335856	

107-36-0-00-00-011.02-0	3.48493772 SULLIVAN JASON	SULLIVAN REBECCA	910 E 1938 RD	EUDORA	KS	66025	200158BB	023-107-36-0-00-00-011.02-0	R25130	910 E 1938 RD
107-36-0-00-00-011.08-0	3.48578757 SLAVENS LARRY J SR	SLAVENS DORIS F	909 E 1938 RD	EUDORA	KS	66025	200158BH	023-107-36-0-00-00-011.08-0	R25136	909 E 1938 RD
107-36-0-00-00-010.00-0	4.80991238 MORGAN LARRY E		1920 N 900 RD	EUDORA	KS	66025	200158A01	023-107-36-0-00-00-010.00-0	R25127	1920 N 900 RD
107-36-0-00-00-011.01-0	4.01129202 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BA	023-107-36-0-00-00-011.01-0	R25129	
107-35-0-00-00-012.04-0	4.23303173 KELLY MATTHEW		1892 N 900 RD	EUDORA	KS	66025	200151CA	023-107-35-0-00-00-012.04-0	R25102	1892 N 900 RD
107-36-0-00-00-011.09-0	3.97466434 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BI	023-107-36-0-00-00-011.09-0	R25137	
107-36-0-00-00-011.06-0	4.26945657 BRADY THOMAS M CO-TRUSTEE	BRADY DOREEN D CO-TRUSTEE	927 E 1938 RD	EUDORA	KS	66025	200158BF	023-107-36-0-00-00-011.06-0	R25134	927 E 1938 RD
107-36-0-00-00-011.05-0	6.23883872 BRADEN GREGORY G	BRADEN SANDRA D	933 E 1938 RD	EUDORA	KS	66025	200158BE	023-107-36-0-00-00-011.05-0	R25133	933 E 1938 RD
107-36-0-00-00-011.04-0	3.98642499 SLAVENS LISA S	SLAVENS KENT A	924 E 1938 RD	EUDORA	KS	66025	200158BD	023-107-36-0-00-00-011.04-0	R25132	924 E 1938 RD
107-25-0-00-00-006.00-0	27.36497153 JONES JORDAN	JONES DAWN	11422 GRANT DR	OVERLAND PARK	KS	66210	200134	023-107-25-0-00-00-006.00-0	R25062	1984 N 1000 RD
107-25-0-00-00-006.02-0	5.36214017 HEIER ALAN J	HEIER MARY J	1962 N 1000 RD	EUDORA	KS	66025	200134CA	023-107-25-0-00-00-006.02-0	R25064	1962 N 1000 RD
107-25-0-00-00-006.01-0	8.94671277 SNOW MICHAEL W	SNOW WILLY D	1972 N 1000 RD	EUDORA	KS	66025	200134C	023-107-25-0-00-00-006.01-0	R25063	1972 N 1000 RD
107-36-0-00-00-009.11-0	0.2399193 MORGAN LARRY E	MORGAN DEBORAH L	1920 N 900 RD	EUDORA	KS	66025	200158A01A	023-107-36-0-00-00-009.11-0	R335856	

12 records returned.

T-R-S	<u>Original operator</u> (current operator)	<u>Well</u>	<u>API</u>	<u>Elevation</u> <u>Ascend.</u> <u>Desc.</u>	<u>Total Depth</u> <u>Ascend.</u> <u>Desc.</u>	<u>Field</u>	<u>Spud Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Plug Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Status</u> ?
<u>T13S R20E, Sec. 36, E2 NW</u>	BG-5 Inc. (unavailable)	HADL 1	15-045-20547	951 est.		UNKNOWN	05-JUN-1984		OIL Approved Intent to Drill
<u>T13S R20E, Sec. 36, SW SW NE NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 10	15-045-21341	1050 GL	900				OIL ON LIST
<u>T13S R20E, Sec. 36, NW NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 11	15-045-21351	1050 GL	900				OIL ON LIST
<u>T13S R20E, Sec. 36, NE SW NE NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 12	15-045-21354	1050 GL	900	JAYHAWK			OIL ON LIST
<u>T13S R20E, Sec. 36, SE NE NW NE</u>	Magnum Exploration Kansas, LLC (Magnum Exploration Kansas, LLC)	Hadl 13	15-045-22051	951 GL	860	IRVIN	20-DEC-2013		OIL ON LIST
<u>T13S R20E, Sec. 36, NE SE NW NW</u>	Magnum Exploration Kansas, LLC (Magnum Exploration Kansas, LLC)	Hadl 14	15-045-22050	967 GL	855	JAYHAWK	19-DEC-2013		OIL ON LIST
<u>T13S R20E, Sec. 36, NW NE NE NW</u>	OIL DRILLERS & DEVOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 2	15-045-20560	933 est.	800	UNKNOWN	05-JUN-1984		OIL ON LIST
<u>T13S R20E, Sec. 36, NE NE NE NW</u>	(Magnum Exploration Kansas, LLC)	HADL 3	15-045-19058	925 est.	751				OIL ON LIST

<u>T13S R20E, Sec. 36, SE SW NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 4	15-045- 20706	966 est.	820				OIL ON LIST
<u>T13S R20E, Sec. 36, NW SE NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 5	15-045- 20709	969 est.	783				OIL ON LIST
<u>T13S R20E, Sec. 36, NW NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 7	15-045- 21350	1050 GL	900	JAYHAWK			OIL ON LIST
<u>T13S R20E, Sec. 36, SE SE NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 9	15-045- 21340	1050 GL	900				OIL ON LIST

Kansas Geological Survey, Oil and Gas Well Database

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>

Well Database Programs Updated June 6, 2014. Data added continuously.

<u>T13S R20E, Sec. 36, SE SW NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 4	15-045- 20706	966 est.	820				OIL ON LIST
<u>T13S R20E, Sec. 36, NW SE NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 5	15-045- 20709	969 est.	783				OIL ON LIST
<u>T13S R20E, Sec. 36, NW NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 7	15-045- 21350	1050 GL	900	JAYHAWK			OIL ON LIST
<u>T13S R20E, Sec. 36, SE SE NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 9	15-045- 21340	1050 GL	900				OIL ON LIST

Kansas Geological Survey, Oil and Gas Well Database

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>

Well Database Programs Updated June 6, 2014. Data added continuously.

JAMIE SHEW
DOUGLAS COUNTY CLERK
1100 Massachusetts
Lawrence, KS 66044

Marni Penrod-Chief Deputy Clerk
Heather Dill-Deputy Clerk Elections

September 29, 2017

A CERTIFIED PROPERTY OWNERSHIP LIST WITHIN ½ MILE OF NW/4, 36-13-20.
09/29/2017. REQUESTED BY DRILL BABY DRILL, LLC.

JOHN R. NICHOLS
DOUGLAS COUNTY CLERK'S OFFICE
1100 MASSACHUSETTS ST
LAWRENCE, KS 66044

785-832-5147

jnichols@douglas-county.com

Douglas County Real Estate Division
County Clerk's Office. I do hereby certify
the Property Ownership listed hereto, to be
true and accurate.

Received
KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
WICHITA, KS

A handwritten signature in black ink, appearing to read "John R. Nichols", is written over a horizontal line. The signature is cursive and somewhat stylized.



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1213905
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34942
Name: Magnum Exploration Kansas, LLC
Address 1: 8268 CR 262
Address 2:
City: CLYDE State: TX Zip: 79150 +
Contact Person: C.W. Roberts
Phone: (817) 881-9040
CONTRACTOR: License # 33734
Name: Hat Drilling LLC
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer

- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

12/21/2013 12/27/2013 12/27/2013
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-045-22052-00-00

Spot Description:

SW NE NW NW Sec. 36 Twp. 13 S. R. 20 East West

4750 Feet from North / South Line of Section

4590 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: Douglas

Lease Name: Hadl Well #: I-1

Field Name: Jayhawk

Producing Formation: Squirrel

Elevation: Ground: 953 Kelly Bushing: 0

Total Vertical Depth: 829 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 40 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: 40 w/ 7 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: Permit #:

Received
KANSAS CORPORATION COMMISSION
OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested Date: 07/15/2014
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 07/17/2014



1213905

Operator Name: Magnum Exploration Kansas, LLC Lease Name: Hadl Well #: I-1
 Sec. 36 Twp. 13 S. R.20 East West County: Douglas

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name GammaRay	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
GammaRay/Neutron/CCL			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	7	10	40	Portland	7	50/50 POZ
Completion	5.6250	2.8750	8	828	Portland	145	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	-			

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
3	750-760	2" DML RTG	10

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	---	--

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Hadl #I-1
 API # 15-045-22052-00-00
 SPUD DATE 12-21-13

Footage	Formation	Thickness	Set 40' of 7"
2	Topsoil	2	TD 829'
8	clay	6	Ran 820' of 2 7/8 on 12-27-13
14	sand stone	6	
55	shale	41	
72	sand	17	
146	shale	74	
167	lime	21	
174	shale	7	
184	lime	10	
195	shale	11	
217	lime	22	
249	shale	32	
263	lime	14	
267	shale	4	
297	lime	30	
330	shale	33	
347	lime	17	
364	shale	17	
374	lime	10	
386	shale	12	
405	lime	19	
413	shale	8	
444	lime	31	
453	shale	9	
493	lime	40	
658	shale	165	
663	lime	5	
678	shale	15	
684	lime	6	
700	shale	16	
703	lime	3	
755	shale	52	
757	sandy/shale	2	good bleed
764	oil sand	7	great show
829	shale	65	

Received
 KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
 WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 44966
LOCATION Ottawa KS
FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-27-13		<u>Hadl I-1</u>	<u>NW 36</u>	<u>13</u>	<u>20</u>	<u>OG</u>

CUSTOMER Magnum Exploration KS, LLC
MAILING ADDRESS 2712 Willow Creek Ct.
CITY Bedford STATE Tx ZIP CODE 76021

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>712</u>	<u>FrcMad</u>		
<u>495</u>	<u>HarBac</u>		
<u>370</u>	<u>Jas Ric</u>		
<u>558</u>	<u>Max Coc</u>		

JOB TYPE Long string HOLE SIZE 578 HOLE DEPTH 829 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 828 DRILL PIPE _____ TUBING _____ OTHER huffie 790
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2 Plug & 31'
DISPLACEMENT 416 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Hold crew safety meeting. Establish circulation. Mix Pump 100*
Gel Flush. Mix & Pump 145 sks 50/50 Premix Cement 2 7/8 Gel
2 7/8 Calcium Chloride 14* Flo Seal/sk. Cement to Surface
Flush pump & lines clean. Displace 2 1/2" Rubber plug to bottle
in casing. Pressure to 600* PSI. Hold & Monitor Pressure
for 30 min MIT. Release pressure to set float valve.
Shot in casing.

Hot Drilling Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402		Casing footage		N/C
5407	Minimum	Ton Miles	558	368 ⁰⁰
5502C	3 1/2 hrs	80 BBL Vac Truck	370	315 ⁰⁰
1124	145 sks	50/50 Premix Cement		1667 ⁵⁰
1118B	34 1/2#	Premium Gel		75 ⁶⁸
1102	244#	Calcium Chloride		190 ³²
1107	37#	Flo Seal		91 ³⁹
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.1570	SALES TAX
				ESTIMATED
				TOTAL

SCANNED

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 15, 2014

C.W. Roberts
Magnum Exploration Kansas, LLC
8268 CR 262
CLYDE, TX 79150

Re: ACO-1
API 15-045-22052-00-00
Hadl I-1
NW/4 Sec.36-13S-20E
Douglas County, Kansas

Dear C.W. Roberts:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/21/2013 and the ACO-1 was received on July 15, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

Received
KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
WICHITA, KS

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 17, 2014

C.W. Roberts
Magnum Exploration Kansas, LLC
8268 CR 262
CLYDE, TX 79150

Re: ACO-1
API 15-045-22052-00-00
Hadl I-1
NW/4 Sec.36-13S-20E
Douglas County, Kansas

Dear C.W. Roberts:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/21/2013 and the ACO-1 was received on July 15, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR INJECTION WELL**

Form U-1
November 2011
**Form must be Typed
Form must be Signed
All blanks must be Filled**

Disposal

Enhanced Recovery: Repressuring
 Waterflood
 Tertiary

Date: October 1, 2017

Operator License Number: 35503

Operator: Midstates Energy Operating, LLC

Address: 5571 Halifax Ave.
Ft. Meyers, FL 33912

Contact Person: _____

Phone: 239-454-4999

Email: NA

Permit Number: E-32,566 NEW 3JK

API Number: 15-045-22049-00-00

Well Location

W2 - SE - NW - NW Sec. 36 Twp. 13 S. R. 20 E W

4290 feet from N / S Line of Section

4590 feet from E / W Line of Section

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: NW/4 of the Sec.36 Twp.13S R.20E

Lease Name: Hadl Well Number: I-2

Field Name: Jayhawk

County: Douglas

Deepest Usable Water

Formation: _____

Depth to Bottom of Formation: Squirrel

Received
KANSAS CORPORATION COMMISSION
OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS

Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled

Surface Elevation: _____ feet Well Total Depth: 825 feet Plug Back Depth: _____ feet

Datum of top of injection formation: _____ feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel</u>	<u>759</u> / <u>771</u>	<u>perf.</u>	at <u>759</u> to <u>771</u> feet
_____	_____ / _____	_____	at _____ to _____ feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
<u>1. Midstates Energy Operating, LLC</u>	<u>Hadl Lease</u>	<u>Sec.36 Twp.13S R.20E</u>	<u>See Attached</u>
<u>2. _____</u>	_____	_____	_____
<u>3. _____</u>	_____	_____	_____

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Squirrel</u>	_____ to _____ feet	_____ mg/l
<u>2. _____</u>	_____ to _____ feet	_____ mg/l
<u>3. _____</u>	_____ to _____ feet	_____ mg/l

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: _____ scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 600 psig

Well Completion

Type: Tubing & Packer Packerless Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		7		2 7/8	
Setting Depth		44		819	
Amount of Cement		7		135	
Top of Cement		0		0	
Bottom of Cement		44		819	

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at _____ feet, cemented to _____ feet with _____ sx.

Tubing: Type _____ Grade _____

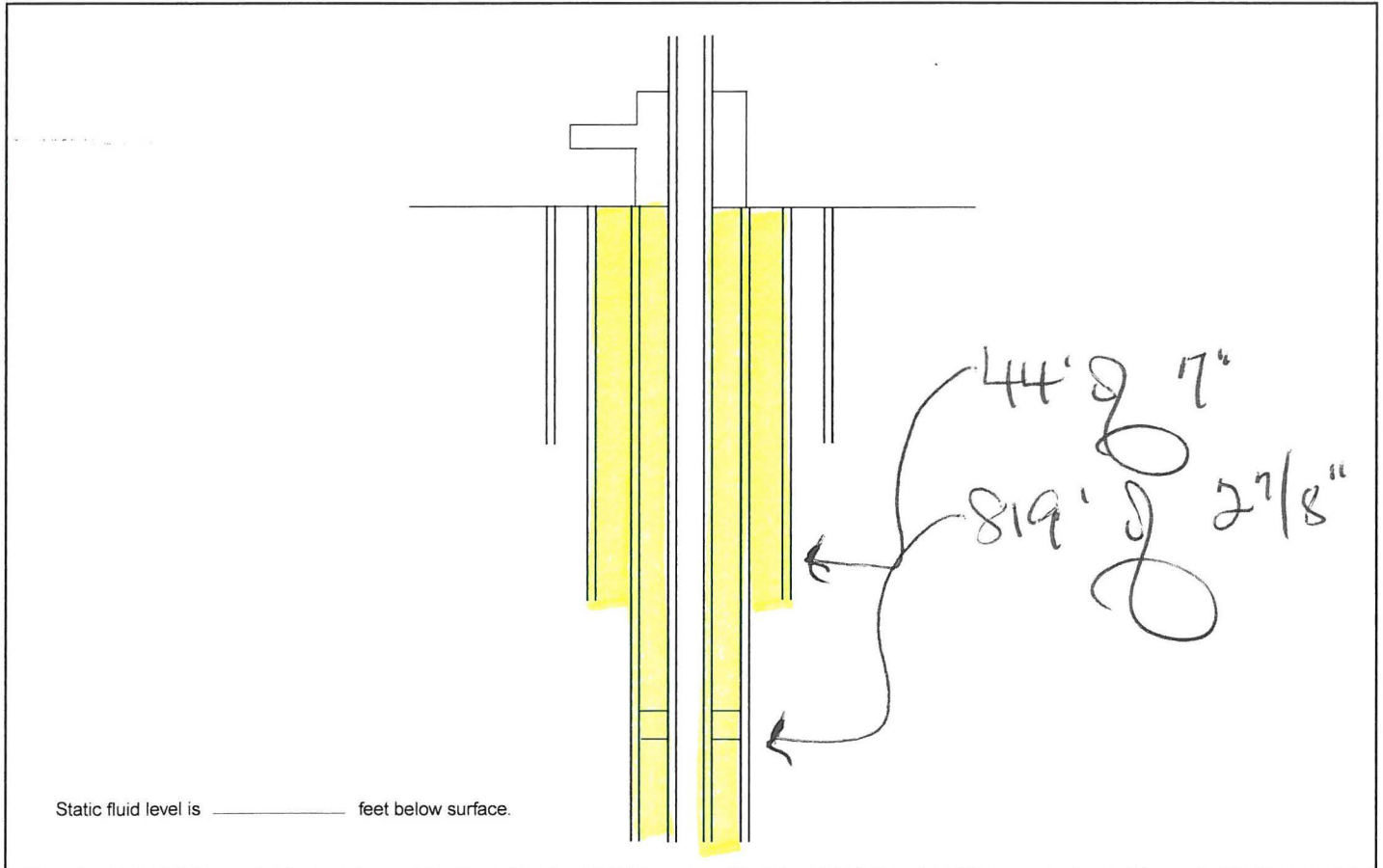
Packer: Type _____ Depth _____

Annulus Corrosion Inhibitor: Type _____ Concentration _____

List Logs Enclosed: _____

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR INJECTION WELL**

Form U-1
November 2011
Form must be Typed
Form must be Signed
All blanks must be Filled

Disposal

Enhanced Recovery: Repressuring
 Waterflood
 Tertiary

Date: October 1, 2017

Operator License Number: 35503

Operator: Midstates Energy Operating, LLC

Address: 5571 Halifax Ave.
Ft. Meyers, FL 33912

Contact Person: _____

Phone: 239-454-4999

Email: NA

Permit Number: E-32,566 NEW ZJK

API Number: 15-045-22049-00-00

Well Location

W2 - SE - NW - NW Sec. 36 Twp. 13 S. R. 20 E W

4290 feet from N / S Line of Section

4590 feet from E / W Line of Section

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: NW/4 of the Sec.36 Twp.13S R.20E

Lease Name: Hadl Well Number: I-2

Field Name: Jayhawk

County: Douglas

Deepest Usable Water

Formation: _____

Depth to Bottom of Formation: Squirrel

Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled

Surface Elevation: _____ feet Well Total Depth: 825 feet Plug Back Depth: _____ feet

Datum of top of injection formation: _____ feet (reference mean sea level)

Received
KANSAS CORPORATION COMMISSION
OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Squirrel	<u>759</u> / <u>771</u>	perf.	at <u>759</u> to <u>771</u> feet
_____	_____ / _____	_____	at _____ to _____ feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1. <u>Midstates Energy Operating, LLC</u>	<u>Hadl Lease</u>	<u>Sec.36 Twp.13S R.20E</u>	<u>See Attached</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. <u>Squirrel</u>	_____ to _____ feet	_____ mg/l
2. _____	_____ to _____ feet	_____ mg/l
3. _____	_____ to _____ feet	_____ mg/l

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: _____ scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 600 psig

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

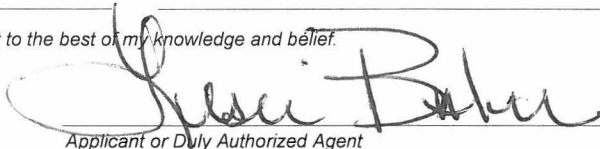
Name:

Legal Description of Leasehold:

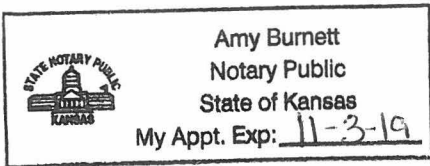
See Attached

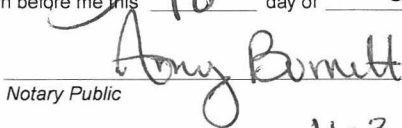
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.


 Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2017




 Notary Public

My Commission Expires: 11-3-19

Received
 KANSAS CORPORATION COMMISSION
OCT 12 2017
 CONSERVATION DIVISION
 WICHITA, KS

Instructions:

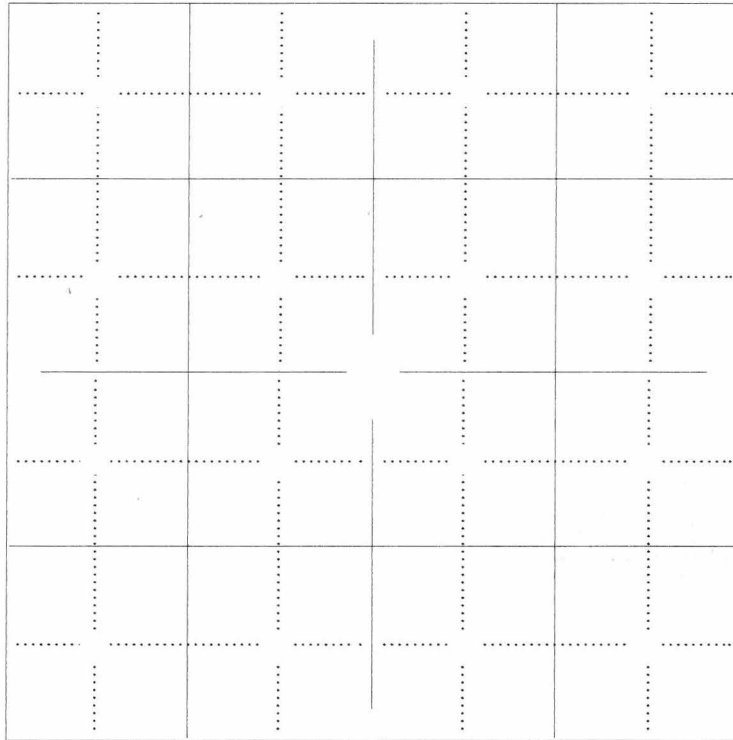
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
2. Attach some type of log (*drillers log, electric log, etc.*).
3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
4. Attach Affidavit of Notice.
5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. **No injection well may be used without prior written authorization.**
9. All application fees must accompany the application.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Midstates Energy Operating, LLC Location of Well: W2 SE NW NW/4 of the Sec.36 Twp.13S R.20E
 Lease: Hadl Lease 4290 feet from N / S Line of Section
 Well Number: Hadl I-2 4590 feet from E / W Line of Section
 County: Douglas Sec. 36 Twp. 13 S. R. 20 East West

Plat
 Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.

See
attached
maps



- applicant well
- producing well
- plugged injection well
- D & A well
- other injection well
- temporary abandoned well
- plugged producer
- water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for Midstates Energy Op., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

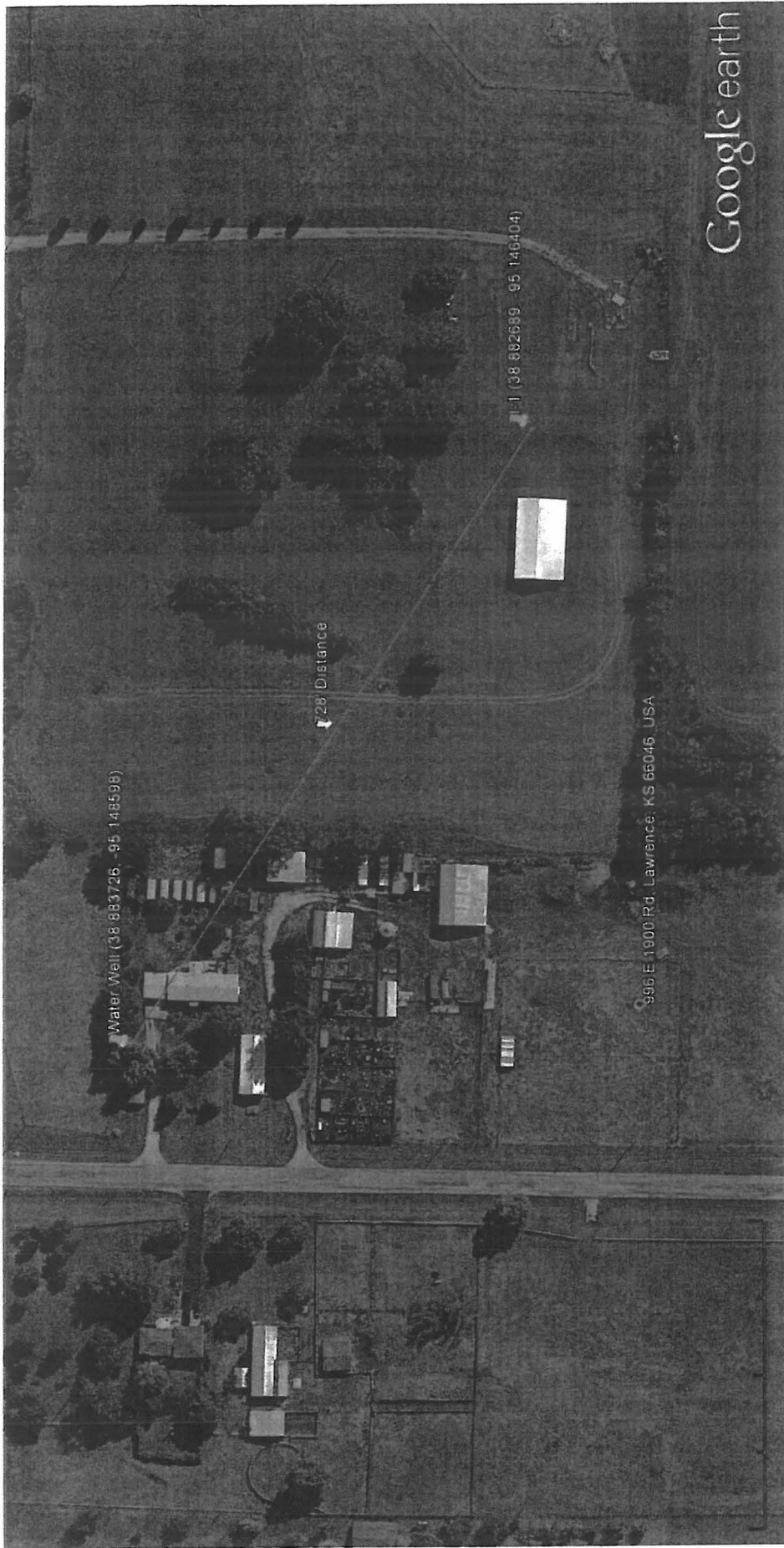
Jill Baker
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2017

Amy Burnett
 Notary Public
 State of Kansas
 My Appt. Exp: 11-3-19

Amy Burnett
Notary Public

My Commission Expires: 11-3-19



Water Well (38 883726 -95 148598)

129 Distance

11-1 (38 882689 -95 146404)

986 E 1000 Rd, Lawrence, KS 66046, USA

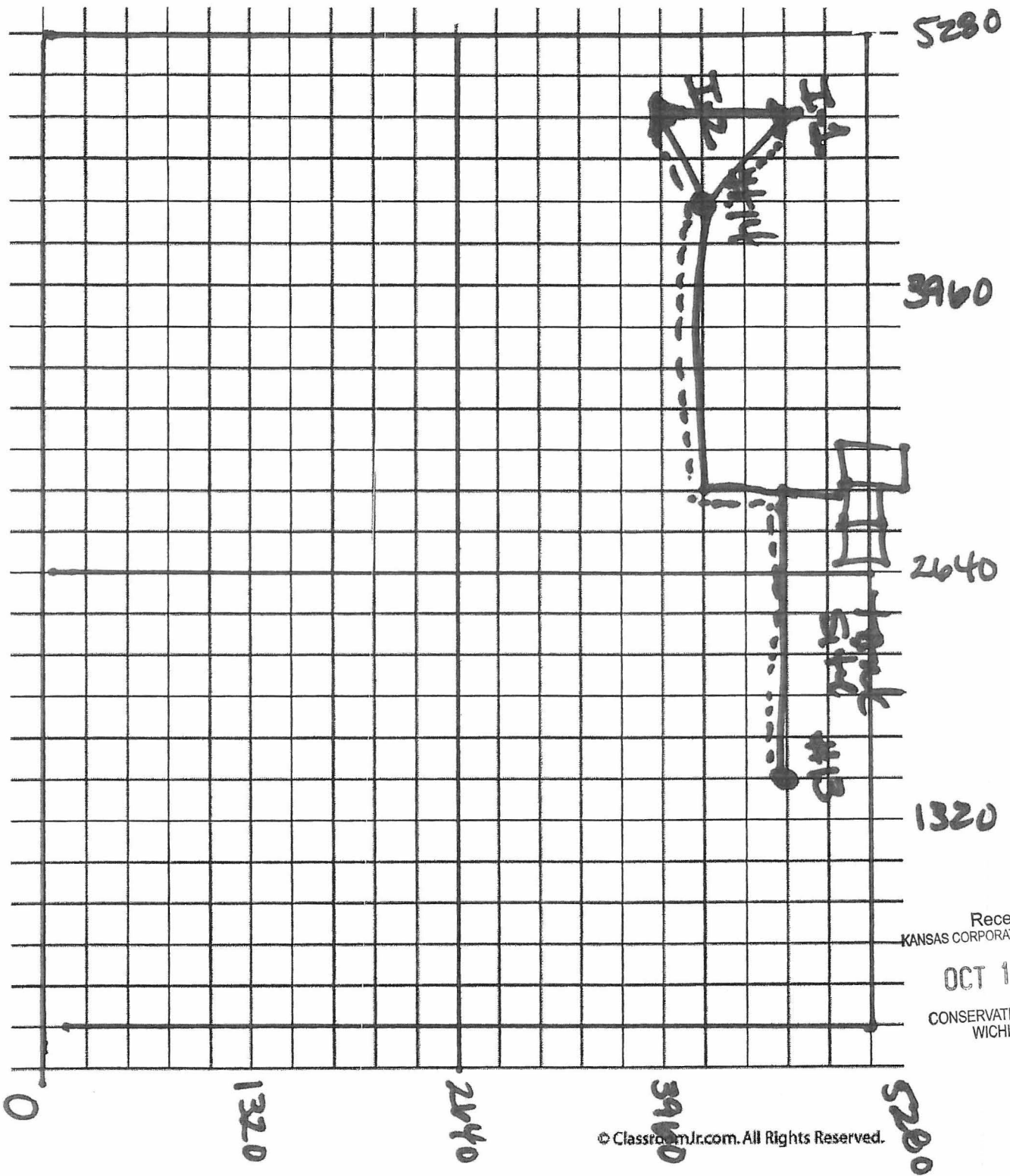
Google earth



Google earth

Received
KANSAS CORPORATION COMMISSION

OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS



5280

3960

2640

1320

Final Loop

Received
KANSAS CORPORATION COMMISSION

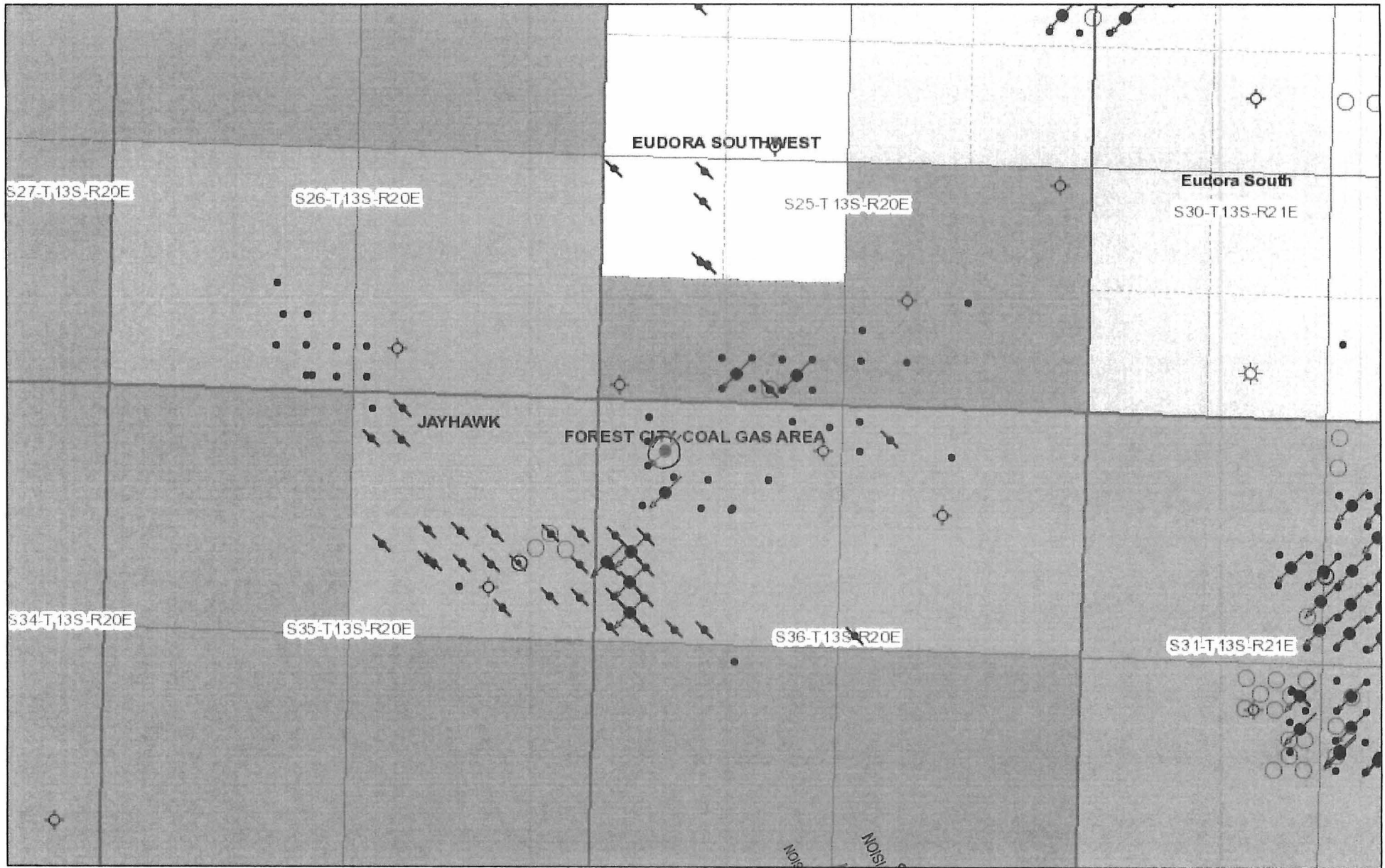
OCT 12 2017

CONSERVATION DIVISION
WICHITA, KS

© Classroom Jr.com. All Rights Reserved.

→ N

Hadl Lease

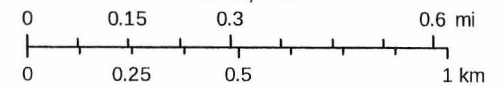


September 27, 17

Robert S. Harwell
Alternative Energy System
Kansas Oil Properties
Rolex Inc.

Received
OCT 12 2017
KANSAS CORPORATION COMMISSION
WICHITA, KS
CONSERVATION DIVISION

1:18,056



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey

Affidavit of Notice Served

Re: Application for: Midstates Energy Operating, LLC
Well Name: Hadl I-2 Legal Location: W2 SE NW NW/4 of the Sec.36 Twp.13S R20E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 10 of October, 2017, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

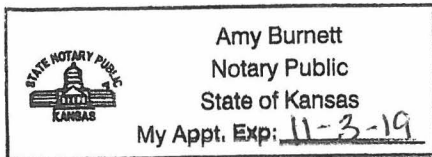
Name _____ Address (Attach additional sheets if necessary) _____
See Attached

Received
KANSAS CORPORATION COMMISSION
OCT 12 2017
CONSERVATION DIVISION
WICHITA, KS

I further attest that notice of the filing of this application was published in the Lawrence Journal-World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

Signed this 10 day of October, 2017
[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 10 day of October, 2017



[Signature]
Notary Public
My Commission Expires: 11-3-19

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

POL WITHIN 1/2 MILE OF NW/4 36-13-20



107-36-0-00-00-011.02-0	3.48493772 SULLIVAN JASON	SULLIVAN REBECCA	910 E 1938 RD	EUDORA	KS	66025	200158BB	023-107-36-0-00-00-011.02-0	R25130	910 E 1938 RD
107-36-0-00-00-011.08-0	3.48578757 SLAVENS LARRY J SR	SLAVENS DORIS F	909 E 1938 RD	EUDORA	KS	66025	200158BH	023-107-36-0-00-00-011.08-0	R25136	909 E 1938 RD
107-36-0-00-00-010.00-0	4.80991238 MORGAN LARRY E		1920 N 900 RD	EUDORA	KS	66025	200158A01	023-107-36-0-00-00-010.00-0	R25127	1920 N 900 RD
107-36-0-00-00-011.01-0	4.01129202 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BA	023-107-36-0-00-00-011.01-0	R25129	
107-35-0-00-00-012.04-0	4.23303173 KELLY MATTHEW		1892 N 900 RD	EUDORA	KS	66025	200151CA	023-107-35-0-00-00-012.04-0	R25102	1892 N 900 RD
107-36-0-00-00-011.09-0	3.97466434 AUTUMN RIDGE FARM & RANCH LLC		909 AUTUMN RIDGE DR	EUDORA	KS	66025	200158BI	023-107-36-0-00-00-011.09-0	R25137	
107-36-0-00-00-011.06-0	4.26945657 BRADY THOMAS M CO-TRUSTEE	BRADY DOREEN D CO-TRUSTEE	927 E 1938 RD	EUDORA	KS	66025	200158BF	023-107-36-0-00-00-011.06-0	R25134	927 E 1938 RD
107-36-0-00-00-011.05-0	6.23883872 BRADEN GREGORY G	BRADEN SANDRA D	933 E 1938 RD	EUDORA	KS	66025	200158BE	023-107-36-0-00-00-011.05-0	R25133	933 E 1938 RD
107-36-0-00-00-011.04-0	3.98642499 SLAVENS LISA S	SLAVENS KENT A	924 E 1938 RD	EUDORA	KS	66025	200158BD	023-107-36-0-00-00-011.04-0	R25132	924 E 1938 RD
107-25-0-00-00-006.00-0	27.36497153 JONES JORDAN	JONES DAWN	11422 GRANT DR	OVERLAND PARK	KS	66210	200134	023-107-25-0-00-00-006.00-0	R25062	1984 N 1000 RD
107-25-0-00-00-006.02-0	5.36214017 HEIER ALAN J	HEIER MARY J	1962 N 1000 RD	EUDORA	KS	66025	200134CA	023-107-25-0-00-00-006.02-0	R25064	1962 N 1000 RD
107-25-0-00-00-006.01-0	8.94671277 SNOW MICHAEL W	SNOW WILLY D	1972 N 1000 RD	EUDORA	KS	66025	200134C	023-107-25-0-00-00-006.01-0	R25063	1972 N 1000 RD
107-36-0-00-00-009.11-0	0.2399193 MORGAN LARRY E	MORGAN DEBORAH L	1920 N 900 RD	EUDORA	KS	66025	200158A01A	023-107-36-0-00-00-009.11-0	R335856	

Select location of well to view details.

**Save Data
to File**

Click on column heading to sort.

Received
MAGNUM CORPORATION
OCT 12 2011
CONSERVATION DIVISION
WICHITA, KS

12 records returned.

T-R-S	<u>Original operator</u> (current operator)	<u>Well</u>	<u>API</u>	<u>Elevation</u> <u>Ascend.</u> <u>Desc.</u>	<u>Total Depth</u> <u>Ascend.</u> <u>Desc.</u>	<u>Field</u>	<u>Spud Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Plug Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Status</u> <input type="checkbox"/>
<u>T13S R20E, Sec. 36, E2 NW</u>	BG-5 Inc. (unavailable)	HADL 1	15-045-20547	951 est.		UNKNOWN	05-JUN-1984		OIL Approved Intent to Drill
<u>T13S R20E, Sec. 36, SW SW NE NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 10	15-045-21341	1050 GL	900				OIL ON LIST
<u>T13S R20E, Sec. 36, NW NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 11	15-045-21351	1050 GL	900				OIL ON LIST
<u>T13S R20E, Sec. 36, NE SW NE NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 12	15-045-21354	1050 GL	900	JAYHAWK			OIL ON LIST
<u>T13S R20E, Sec. 36, SE NE NW NE</u>	Magnum Exploration Kansas, LLC (Magnum Exploration Kansas, LLC)	Hadl 13	15-045-22051	951 GL	860	IRVIN	20-DEC-2013		OIL ON LIST
<u>T13S R20E, Sec. 36, NE SE NW NW</u>	Magnum Exploration Kansas, LLC (Magnum Exploration Kansas, LLC)	Hadl 14	15-045-22050	967 GL	855	JAYHAWK	19-DEC-2013		OIL ON LIST
<u>T13S R20E, Sec. 36, NW NE NE NW</u>	OIL DRILLERS & DEVOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 2	15-045-20560	933 est.	800	UNKNOWN	05-JUN-1984		OIL ON LIST
<u>T13S R20E, Sec. 36, NE NE NE NW</u>	(Magnum Exploration Kansas, LLC)	HADL 3	15-045-19058	925 est.	751				OIL ON LIST

<u>T13S R20E, Sec. 36, SE SW NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 4	15-045- 20706	966 est.	820				OIL ON LIST
<u>T13S R20E, Sec. 36, NW SE NW NW</u>	OIL DRILLERS & DEVELOPERS, INC. (Magnum Exploration Kansas, LLC)	HADL 5	15-045- 20709	969 est.	783				OIL ON LIST
<u>T13S R20E, Sec. 36, NW NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 7	15-045- 21350	1050 GL	900	JAYHAWK			OIL ON LIST
<u>T13S R20E, Sec. 36, SE SE NW NW</u>	BG-5, Inc. (Magnum Exploration Kansas, LLC)	HADL 9	15-045- 21340	1050 GL	900				OIL ON LIST

Kansas Geological Survey, Oil and Gas Well Database

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>

Well Database Programs Updated June 6, 2014. Data added continuously.



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1213907
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34942
Name: Magnum Exploration Kansas, LLC
Address 1: 8268 CR 262
Address 2:
City: CLYDE State: TX Zip: 79150 +
Contact Person: C.W. Roberts
Phone: (817) 881-9040
CONTRACTOR: License # 33734
Name: Hat Drilling LLC
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer

- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

12/18/2013 12/19/2013 12/19/2013
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-045-22049-00-00

Spot Description:

W2_SE_NW_NW Sec. 36 Twp. 13 S. R. 20 East West

4290 Feet from North / South Line of Section

4590 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: Douglas

Lease Name: Hadl Well #: I-2

Field Name:

Producing Formation: Squirrel

Elevation: Ground: 970 Kelly Bushing: 0

Total Vertical Depth: 825 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 44 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: 44 w/ 7 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

Received
KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
WICHITA, KS

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 07/16/2014



1213907

Operator Name: Magnum Exploration Kansas, LLC Lease Name: Hadl Well #: I-2
Sec. 36 Twp. 13 S. R. 20 East West County: Douglas

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
List All E. Logs Run:
GammaRay/Neutron/CCL
Log Formation (Top), Depth and Datum
Sample Name GammaRay Top Datum

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

Did you perform a hydraulic fracturing treatment on this well?
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD: Size, Set At, Packer At, Liner Run
Date of First, Resumed Production, SWD or ENHR.
Producing Method: Flowing, Pumping, Gas Lift, Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: Vented, Sold, Used on Lease
METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled, Other (Specify)
PRODUCTION INTERVAL:

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Hadl #I-2
 API # 15-045-22049-00-00
 SPUD DATE 12-18-13

Footage	Formation	Thickness	Set 44' of 7"
2	Topsoil	2	TD 825'
6	clay	4	Ran 819' of 2 7/8 on 12-19-13
8	lime	2	
15	sand stone	7	
70	shale	55	
76	sand	6	
89	shale	13	
117	sand	28	
119	shale	2	
154	sand	35	
176	lime	22	
181	shale	5	
187	lime	6	
201	shale	14	
223	lime	22	
256	shale	33	
273	lime	17	
277	shale	4	
308	lime	31	
338	shale	30	
350	lime	12	
371	shale	21	
383	lime	12	
399	shale	16	
413	lime	14	
419	shale	6	
450	lime	31	
458	shale	8	
498	lime	40	
646	shale	148	
648	lime	2	
665	shale	17	
668	lime	3	
685	shale	17	
692	lime	7	
705	shale	13	
709	lime	4	
747	shale	38	
760	lime	13	
766	sand	6	great show
768	sandy shale	2	odor
771	sand	3	great show
825	shale	54	

Received
 KANSAS CORPORATION COMMISSION

OCT 12 2017

CONSERVATION DIVISION
 WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 44963

LOCATION Ottawa KS

FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-19-10		Hadl # I-2	NW 36	13	20	DG

CUSTOMER
Magnum Exploration Kansas LLC
MAILING ADDRESS
2712 Willow Creek CT
CITY
Bedford STATE
TX ZIP CODE
76021

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mader		
495	Har Bor		
370	Kei Car		
558	Max Coc		

JOB TYPE Log string HOLE SIZE 5 7/8 HOLE DEPTH 825' CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 819' DRILL PIPE Baffle m TUBING 2 7/8" OTHER _____
SLURRY WEIGHT 15# PG SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31' + Plug
DISPLACEMENT 4.5 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: No H crew safety meeting. Establish circulation. Mix & Pump 100# Gel Flush. Mix & Pump 135 SKS 50/50 Poz Mix Cement 220 Gel 2% Calcium Chloride 34# Flo Seal /sk. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to baffle in casing. Pressure to 800# PSI. Hold & Monitor pressure for 30 min MIT. Release pressure to set float valve. Shut in casing.

Next Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402	819	Casing Footage		NK
5407	Minimum	Ten Miles	558	368 ⁰⁰
5502c	2hrs	80 BBL Vac Truck	370	180 ⁰⁰
1124	135 SKS	50/50 Poz Mix Cement		1552 ⁵⁰
1118B	327#	Premium Gel		71 ⁸⁹
1102	227#	Calcium Chloride		177 ⁰⁶
1107	34#	Flo Seal		83 ⁹⁸
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.15%	SALES TAX
				ESTIMATED
				TOTAL
				136 ⁹²
				3810 ²⁰

SCANNED

Flavin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.