

"DESIGN APPROVAL"

2015.04.10 10:22:31
Kansas Corporation Commission
/S/ Neysa Thomas

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U-1
July 2014

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

APPLICATION FOR INJECTION WELL

IS-CONS-815-CUR
E-32,170 **3-BM**
Permit Number: _____

API Number: TBD 15-045-22245-00-00

Well Location

N/2 - SE - NW - NW Sec 23 Twp. 14 S. R. 20 E W

715 feet from N / S Line of Section

990 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, with exceptions described on

attached Exhibit "A" page

Lease Name: Vesecky Well Number: 3-41

Field Name: Forest City Coal Gas Area

County: Douglas

Deepest Usable Water

Formation: Surface Sands

Depth to Bottom of Formation: 50' EST

Disposal

Enhanced Recovery: Repressuring

Waterflood

Tertiary

Date: March 4, 2015

Operator License Number: 9855

Operator: Grand Mesa Operating Company

Address: 1700 N. Waterfront Pkwy, Bldg 600

Wichita, KS 67206

Contact Person: Michael J. Reilly

Phone: 316-265-3000

Email: _____

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

Surface Elevation: 894est feet Well Total Depth: 750est feet Plug Back Depth: 740est feet

Datum of top of injection formation: + 214 EST feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel Sand</u>	<u>680 EST / 690 EST</u>	<u>perf.</u>	<u>at 680 EST to 690 EST feet</u>

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. See attached page</u>			
<u>2.</u>			
<u>3.</u>			

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

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

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

Maximum Requested Injection Pressure: 525 psig

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GRAND MESA OPERATING COMPANY

Vesecky Enhanced Recovery Project- Water Sources

Douglas County, KS

Producing wells

Zones and perforations

Comments

Vesecky #1-3
206' FNL & 560 FWL
Sec. 27-13S-31W

Squirrel sand, to be determined To be drilled soon

Vesecky #1-4
170' FNL & 982' FWL
Sec. 27-13S-31W

Squirrel sand 679'-692'

Vesecky #1-5
165' FNL & 1340'FWL
Sec. 27-13S-31W

Squirrel sand 688'-697'

Vesecky #1-6
224' FNL & 1665' FWL
Sec. 27-13S-31W

Squirrel sand 698'-705'

Vesecky #2-3
465' FNL & 705' FWL
Sec. 27-13S-31W

Squirrel sand 675'-684'

Vesecky #2-7
310' FNL & 1976' FWL
Sec. 27-13S-31W

Squirrel sand 704'-709'

Vesecky #2-8
313' FNL & 2321' FWL
Sec. 27-13S-31W

Squirrel sand 712-716'

Vesecky #3-3
833' FNL & 648' FWL
Sec. 27-13S-31W

Squirrel sand 677'-688'

Vesecky #3-5
825' FNL & 1340' FWL
Sec. 27-13S-31W

Squirrel sand 686'-697'

Vesecky #4-5R
1080'FNL & 1327' FWL
Sec. 27-13S-31W

Squirrel sand 691'-699'

Water Supply Wells

Vesecky #3-9S
800' FNL & 2270' FWL
Sec. 27-13S-31W

Squirrel sand 703'-709'
Dennis lime 363'-377'

Open
To be opened

Vesecky #8-3S
2465' FNL & 835' FWL
Sec. 27-13S-31W

Squirrel sand 678'-689'
Dennis lime 343'-359'

Open
Open

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Well Completion

Type Tubing & Packer Packerless Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		7" OD		2.875 OD	
Setting Depth		40' EST		740' EST	
Amount of Cement		10sxs EST		120sxs EST	
Top of Cement		Surface		Surface	
Bottom of Cement		40' EST		750' EST	

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: _____ Gamma Ray/Neutron/ CCL (only bond we've been running on shallow wells in this area)

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Well Sketch

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

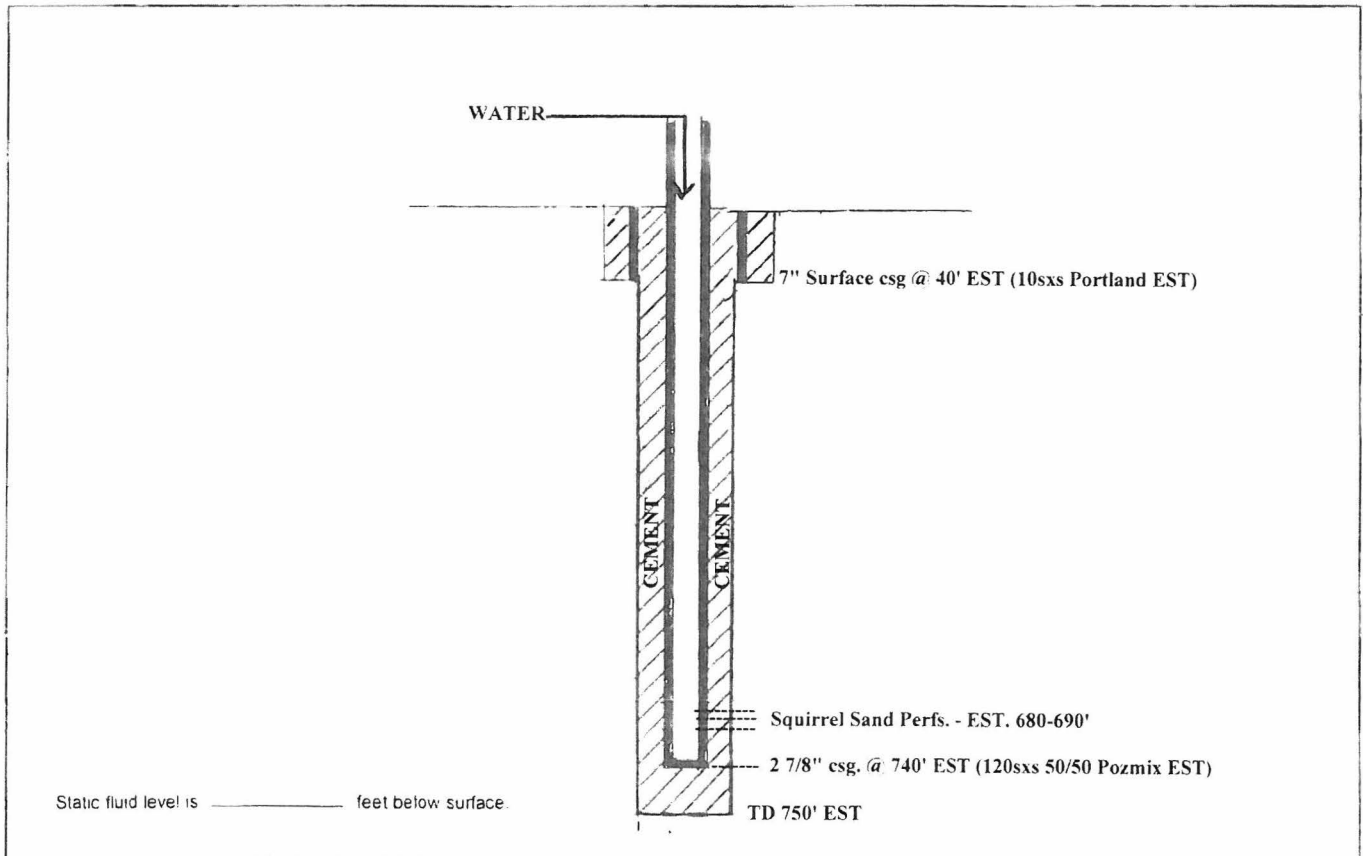


EXHIBIT "A"

GMOC/Floyd R. Schmidt:

Township 14 South, Range 20 East

Section 15: the South Half of the Southeast Quarter (S/2 SE/4) less the East 12 thereof. Section 22: A tract of land beginning at a point two (2) rods North of the center of the Northeast Quarter of Section 22, 14S-20E and 272 feet West thereof for a point of beginning; thence North 214 feet to a stone; thence North 42 degrees, 5 minutes East 405 $\frac{3}{4}$ feet to a stone; thence due North to a point forty (40) rods South of the North line of said Northeast Quarter of said section; thence due West two (2) rods, thence due North forty (40) rods to the North line of said Northeast Quarter of said section; thence West seventy-eight (78) rods to the Northwest corner of said Northeast Quarter of said section; thence South seventy-eight (78) rods; thence East 1108 feet more or less to the place of beginning.

Section 22: The North Half of the Northeast Quarter of the Northeast Quarter (N/2 NE/4 NE/4) LESS a tract beginning at the Northeast corner of the Northeast Quarter of said section; thence South Forty (40) rods, thence West Two (2) rods; thence North Forty (40) rods; thence East Two (2) rods to the place of beginning.

GMOC/John F. Vesecky:

Township 14 South, Range 20 East

Section 23: NW/4, except the W/2 SW/4 NW/4, except commencing at the Southeast corner of said NW/4, thence West 415 feet, thence North 525 feet, thence East 415 feet, thence South 525 feet to the point of beginning.

GMOC/W. Shawn Smith:

Township 14 South, Range 20 East

Section 22: The Southeast Quarter of the Northeast Quarter (SE/4 NE/4), and

The North Half of the West Half of the Southeast Quarter (N/2 W/2 SE/4), and

The Southwest Quarter of the Northeast Quarter (SW/4 NE/4), and

One acre off the South side of the Northwest Quarter of the Northeast Quarter, and

The South Half of the Northeast Quarter of the Northeast Quarter (S/2 NE/4 NE/4), and

A tract of land beginning at a point 2 rods North of the center of the Northeast Quarter of said Section 22, thence West 272 feet to a stone, thence North 214 feet to a stone, thence North 42° 5' East 405-3/4 feet to a stone, thence South 515 feet to the place of beginning, containing 2.27 acres.

Section 23: The West One-Half of the Southwest Quarter of the Northwest Quarter (W/2 SW/4 NW/4), also described as the South One-Half of Lot 2

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GMOC/Lawrence I. Craig:

Township 14 South, Range 20 East

Section 23: The Southwest Quarter (SW/4) and the North 80 acres of the Southeast Quarter (SE/4), LESS and EXCEPT at tract described as commencing at the Northeast corner of said Southwest Quarter thence South along East line of said Southwest Quarter a distance of 630 feet to the point of beginning; thence continuing South along the East line of said Southwest Quarter a distance of 330 feet; thence West a distance of 660 feet; thence North 330 feet; thence East a distance of 660 feet to the point of beginning; containing five acres, more or less.

GMOC/Barbara J. Cogburn:

Township 14 South, Range 20 East

The Northwest Quarter of the Northeast Quarter (NW/4 NE/4) of Section Twenty-three (23), Township Fourteen (14), Range Twenty (20), Douglas County, Kansas; LESS AND EXCEPT a tract beginning at the Northeast corner of the Northwest Quarter of the Northeast Quarter (NW/4 NE/4) of Section Twenty-three (23), Township Fourteen (14), Range Twenty (20), Douglas County, Kansas thence West five hundred seventeen (517) feet, thence South eight hundred forty-two (842) feet, thence East five hundred seventeen (517) feet, thence North eight hundred forty-two (842) feet to the beginning.

Colt Energy Inc:

Township 14 South, Range 20 East

S/2 Sec. 14

Annika B. Magalski:

Township 14 South, Range 20 East

Beginning at the northeast corner of the NW/4 NE/4 of 23-14S-20E thence west 517 feet, south 842, east 517 feet, north 842 feet to point of beginning.

Billy D. McNish:

Township 14 South, Range 20 East

Commencing at the southeast corner of the NW/4 of Section 23-14S-20E, thence west 415 feet, thence north 525 feet, thence east 415 feet, thence south 525 feet to the point of beginning.

James E. Touslee:

Township 14 South, Range 20 East

SW/4 NE/4 23-14S-20E

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Richard Morantz:

Township 14 South, Range 20 East

E/2 SE/4 of Section 22-14S-20E.

Jessica J. Francq:

Township 14 South, Range 20 East

East 990 feet of NE/4 SE/4 of Sec. 15-14S-20E

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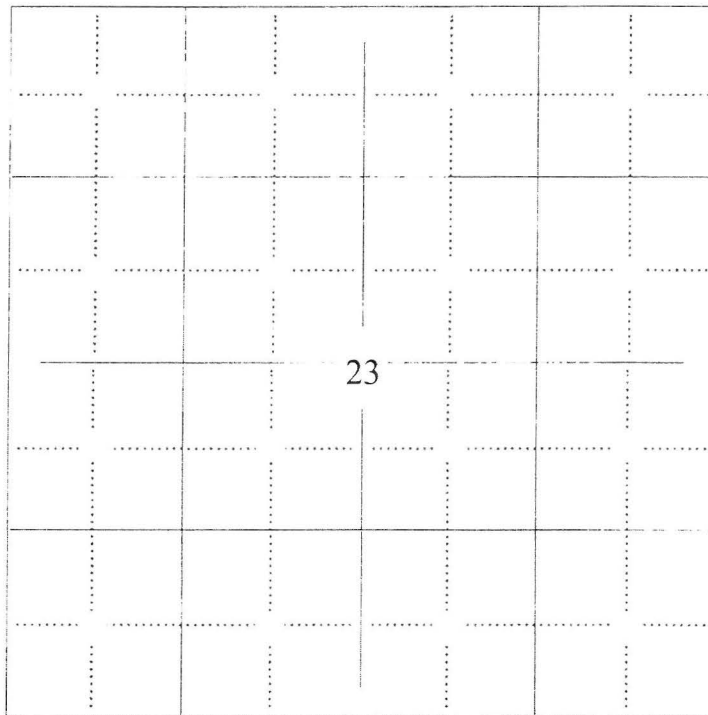
Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Grand Mesa Operating Company Location of Well: N/2 SE/NW/NW Sec. 23-14S-20E
 Lease: Vesecky 715 feet from N / S Line of Section
 Well Number: 3-4I TBD 990 feet from E / W Line of Section
 County: Douglas Sec. 23 Twp. 14 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 MAP



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SEE
ATTACHED MAP

- 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 Grand Mesa Operating Company, and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

[Signature]
 Applicant or Duly Authorized Agent, Michael J. Reilly, President 983

PHYLLIS E. BREWER
 Notary Public - State of Kansas
 My Appt. Expires 7/21/15

Subscribed and sworn before me this 4th day of March 2015
[Signature]
 Notary Public, Phyllis E. Brewer

My Commission Expires July 21, 2015



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Grand Mesa Operating Company	
Vesecky 3-41	
Amendment to 1-9I Injection Application	
Author: <name>	Date: 24 February, 2015
Scale: 1 Inch = 1218 Feet <scale>	

Affidavit of Notice Served

Re: Application for: Grand Mesa Operating Company - Enhanced Recovery Well
Well Name: VESECKY #3-4I TBD Legal Location: 715' FNL & 990' FWL Sec. 23-14S-20E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 4th of March
2015, 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.

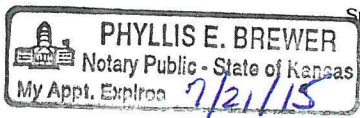
Name	Address (Attach additional sheets if necessary)
Floyd and Sue Ann Schmidt	1773 N. 600 Road, Baldwin City, KS 66006
John and Sharon Vesecky	1814 N. 600 Road, Baldwin City, KS 66006
W. Shawn and Lisa Smith	558 E. 1750th Road, Baldwin City, KS 66006
Lawrence I. Craig	813 E. 1750th Road, Baldwin City, KS 66006
Barbara J. Cogburn	584 E. 1850th Road, Baldwin City, KS 66006
Colt Energy, Inc.	P O Box 388, Iola, KS 66749
Annika B. Magalski	1873 N. 600 Road, Baldwin City, KS 66006
Billy D. McNish	P O Box 3463, Lawrence, KS 66046
James Touslee	562 E. 1850th Road, Baldwin City, KS 66006
Jessica J. Francq	120 Suncrest Dr, Greenwood, IN 46143
Richard I. Morantz	1780 N. 500 Road, Baldwin City, KS 66006

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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 4th day of March 2015

[Signature]
Applicant or Duly Authorized Agent, Michael J. Reilly, President (983)



Subscribed and sworn to before me this 4th day of March 2015

[Signature]
Notary Public, Phyllis E. Brewer

My Commission Expires: July 21, 2015

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.