

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

18-CONS-3350-CUIC

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

Disposal ☒

Enhanced Recovery: ☒ Repressuring

☐ Waterflood

☐ Tertiary

Date: 3/2/2018

Operator License Number: 31819 Exp. 02/28/19

Operator: CHOLLA PRODUCTION, LLC

Address: 10390 BRADFORD RD

LITTLETON, CO 80127

William T. Goff

Contact Person: EMILY HUNDLEY-GOFF (cc)

Phone: 303-623-4565

Email: cholla_production@msn.com

Permit Number: D-32,635

API Number: 15-171-20769-0000

Well Location

NE - SE - NE - SW Sec. 16 Twp. 19 S. R. 33 ☐ E ☒ W

1734 feet from ☐ N / ☒ S Line of Section

2791 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: 38.4000485 Long: -100.970954
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☒ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: SEC 16 - ALL EXCEPT THE 40 ACRES
IN THE NENE

Lease Name: METZGER Well Number: 1-16

Field Name: MILLRICH SOUTHEAST

County: SCOTT

Deepest Usable Water

Formation: DAY CREEK

Depth to Bottom of Formation: 1250

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

Surface Elevation: 2965 feet Well Total Depth: 4730 feet Plug Back Depth: 4580 feet

Datum of top of injection formation: -1392 feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Marmaton C	4362 / 4400	perf	at 4364 to 4378 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. Cholla Production, LLC	Metzger	tank battery	2-16-sese 16-19s-33w
2. Cholla Production, LLC	Vulgamore	tank battery	1-21 swneswne 21-19s-33w
3.			

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. Marmaton C	4361 to 4408 feet	mg/l
2.	to feet	mg/l
3.	to feet	mg/l

Maximum Requested Liquid Injection Rate: 750 500 bbls / day; or

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

Maximum Requested Injection Pressure: 750 500 psig

KCC CONSERVATION
PAID

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AMT. \$ 200.00

3409

Well CompletionType: ☒ Tubing & Packer ☐ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		8 5/8"		4 1/2"	
Setting Depth		257		4731	
Amount of Cement		175		150	
Top of Cement		Surface		3935	
Bottom of Cement		257		4731	

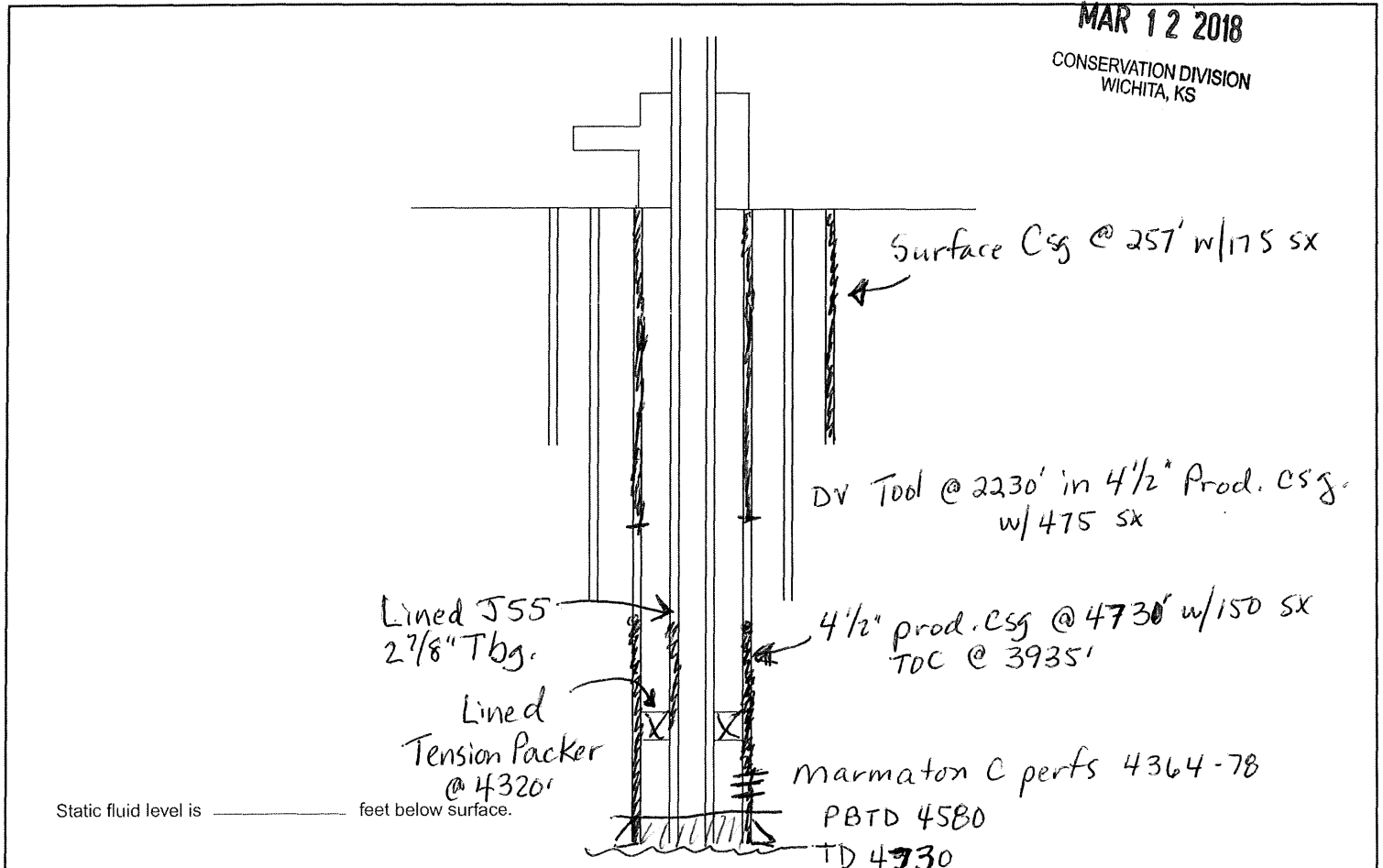
If Alternate II cementing, complete the following:

Perforations / D.V. Tool at 2230 feet, cemented to Surface feet with 325 475 sx.Tubing: Type 2 7/8" - lined Grade J-55Packer: Type Tension - lined Depth 4320Annulus Corrosion Inhibitor: Type Fresh water w/biocide; corrosion inhibitor Concentration 2%List Logs Enclosed: filed with ACO-1**Well Sketch**

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

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Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

Lario Oil and Gas Company

SE4 17-19S-33W

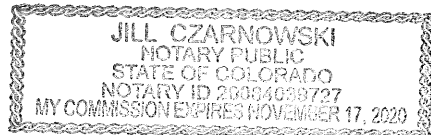
Larry G. Vulgamore and Judith A. Vulgamore, Trustees

NW4 21-19S-33W

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

Emily Hundley
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 6th day of March, 2018



[Signature]
Notary Public

My Commission Expires: 11/17/2020

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, 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.

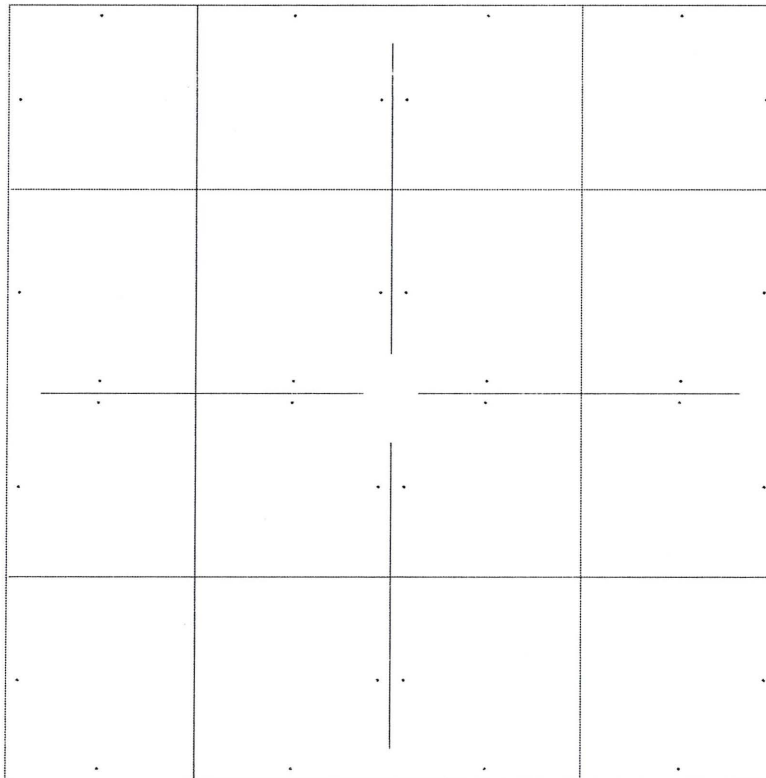
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Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Cholla Production, LLC Location of Well: NESENESW
 Lease: Metzger 1734 feet from ☐ N / ☒ S Line of Section
 Well Number: 1-16 2791 feet from ☒ E / ☐ W Line of Section
 County: Scott Sec. 16 Twp. 19 S. R. 33 ☐ 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

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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 Cholla Production, LLC, and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Emily Hundley Off
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 6th day of March, 2018



[Signature]
Notary Public

My Commission Expires: 11/17/2020

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Cholla Production, LLC

MRRW 4589
PF 4605-15

1

8-15 R

MRRW 4576
PF 4628-38
4559-63

1-17

LNSG 3896
PF 4252-56

16

1-16



MRMN 4318
PF 4326-30
MRMN B 4346
PF 4347-49
MRMN C 4362
PF 4364-78

These perms
will be squeezed

3-16

CEDAR HILLS 1745
SWD PF 1806-40
1860-70

6

2-16

MRMN C 4361
PF 4362-70
CHRK 4437
PF 4437-40;4449-53

Lario
Oil &
Gas

10-15

LNSG 3867
PF 3869-74;3914-20
4102-08;4112-20
MRMN B 4336
PF 4338-42
JHSN 4501
PF 4558-64

1-21

MRMN C 4372
PF 4375-79

Vulgamore Trustees

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Cholla Production, LLC

Affidavit of Notice ServedRe: Application for: Cholla Production, LLCWell Name: Metzger 1-16 Legal Location: NESENE SW 16-19S-33W, Scott Co., KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day _____ of _____, _____, 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)

Lario Oil and Gas Company**301 South Market St., Wichita KS 67202**

Larry A. Vulgamore and Judith A. Vulgamore, Trustees

8250 S. Mesquite Rd., Scott City, KS 67871

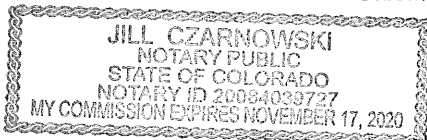
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I further attest that notice of the filing of this application was published in the The Scott County Record, the official county publication of Scott county. A copy of the affidavit of this publication is attached.

Signed this 6th day of March, 2018

Emily K. Hurdley
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 6th day of March, 2018



[Signature]
Notary Public
My Commission Expires: 11/17/2020

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.

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energy services, L.P.

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WICHITA, KS DEC 01 2010

TREATMENT REPORT

Customer Chollit Production	Lease No. CONFIDENTIAL	Date 8-21-10
Lease Metzger	Well # 1-16	
Field Order # 111701033	Station Liberal	Casing 4 1/4
Type Job Z 42 4 1/2 25295 L.S.	Depth 4171	County SCOTT
	Formation	State Ks
	Legal Description 16-19-33	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft 150 sk	AAZ Cement - 57 W-60	Acid	Pre Pad	RATE	PRESS	ISIP
Depth 4171	Depth	From 1/4"	To Dee feather - 5"	Max	Min			5 Min.
Volume	Volume	From 1.54	To 1.14	Pad	Min			10 Min.
Max Press	Max Press	From 550 sk	To Acid Blend	Max	Avg			15 Min.
Well Connection	Annulus Vol.	From 285	To 18.67	HP Used				Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative R. Pearson	Station Manager J. Bennett	Treater M. Cochran
Service Units 7175 2780 19553 14354 19574		
Driver Names Cochran R. G. R. Chavez J. Chavez		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30					Callie / Held Safety Meeting
12:35					Rig up P/T wait on Bulk
12:40					Bulk all L.C.
14:30					Test Pump + Lines
14:36	460		12	5.5	Start Mud Flush
14:38	350		3	5.5	Start Fresh H ₂ O
14:39	400		41	5.5	Start Cont 150 sk @ 14.8
14:47					Shutdown + Drop L.D. Plug
14:51					Wash Pump + Lines
14:56	100		6	7	Start Disp w/ 2% KCL
15:02	200		40	7	Switch to Mud
15:06	500		65	3.5	Slow Rate
15:09	1100		75	3.5	Bump Plug
15:10	0		75	0	Release / Plug Held
15:15					Drop MISC opening Plug
15:30					Open Tool @ 2230
					Vir. w/ Rig Pump
17:44	200		5	1.5	Plug Rst Hole w/ 25 sk @ 13.8
17:47	200		5	2.5	Plug Mover Sub w/
17:50					Switch to Corp

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1700 S. Country Estates • P.O. Box 129 • Liberal, KS 67905 • (620) 624-2277 • Fax (620) 624-2280

Taylor Printing, Inc. 620-672-3656

TICKET DATE



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~~CONFIDENTIAL~~

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