

ABOVE THIS LINE FOR DIVISION USE ONLY

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NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____

*-SWD
-Mewbourne Oil Company
14744
well
-Produced SWD#1
30-025-Pending
Pool
-SWD, Devonian-Silurian
97869*

- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

TRAVIS CUDE *[Signature]* RESERVOIR ENGINEER 11/17/15
Print or Type Name Signature Title Date

tcude@mewbourne.com
e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: **Mewbourne Oil Company**
ADDRESS: **500 W. Texas Suite 1020**
Midland, TX 79701
CONTACT PARTY: **Travis Cude** PHONE: **432-682-3715**
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes _____ No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: **Travis Cude**

TITLE: **Reservoir Engineer**

SIGNATURE: _____

DATE: 11/9/15

E-MAIL ADDRESS: **tcude@mewbourne.com**

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

RECEIVED
2015 NOV 16 PM 3:15

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: **Mewbourne Oil Company**WELL NAME & NUMBER: **Paduca 6 SWD #1**

WELL LOCATION: 2650' FSL & 1220' FWL L 6 26S 32E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: **26"** Casing Size: **20" @ 1025'**
 Cement with: **+/- 1750 sx** Top of Cement: **Surface (visual)**

Intermediate Casing

Hole Size: **17.5"** Casing Size: **13.375" @ 4350'**
 Cement with: **+/- 1700 sx** Top of Cement: **Surface (visual)**

Intermediate Casing

Hole Size: **12.25"** Casing Size: **9.625" @ 11,000'**
 Cement 1st Stg with: **+/- 1500 sx** **DVT @ 4400'**
 Cement 2nd Stg with: **+/- 850 sx** Top of Cement: **Surface (visual)**

Intermediate Liner

Hole Size: **8.5"** Casing Size: **7.625" Liner**
 Cement with: **+/- 1400 sx** **From 10,500'-16,735'**
 Top of Cement: **10,500'**

Liner

Hole Size: **6.5"** Casing Size: **5.5" Liner**
 Cement with: **+/- 1400 sx** **From 16,400'-17,200'**
 Top of Cement: **16,400'**

Injection Interval

Open Hole 17,190'-19,290'

Mewbourne Oil Company

Well Name: Paduca 6 SWD #1

Last Updated by: T Cude on 10/29/2015

26" x 20" 94 & 133# J-55 BT&C csg
Set @ 1025'
Cmt w/ 1750 sx, circ to surface

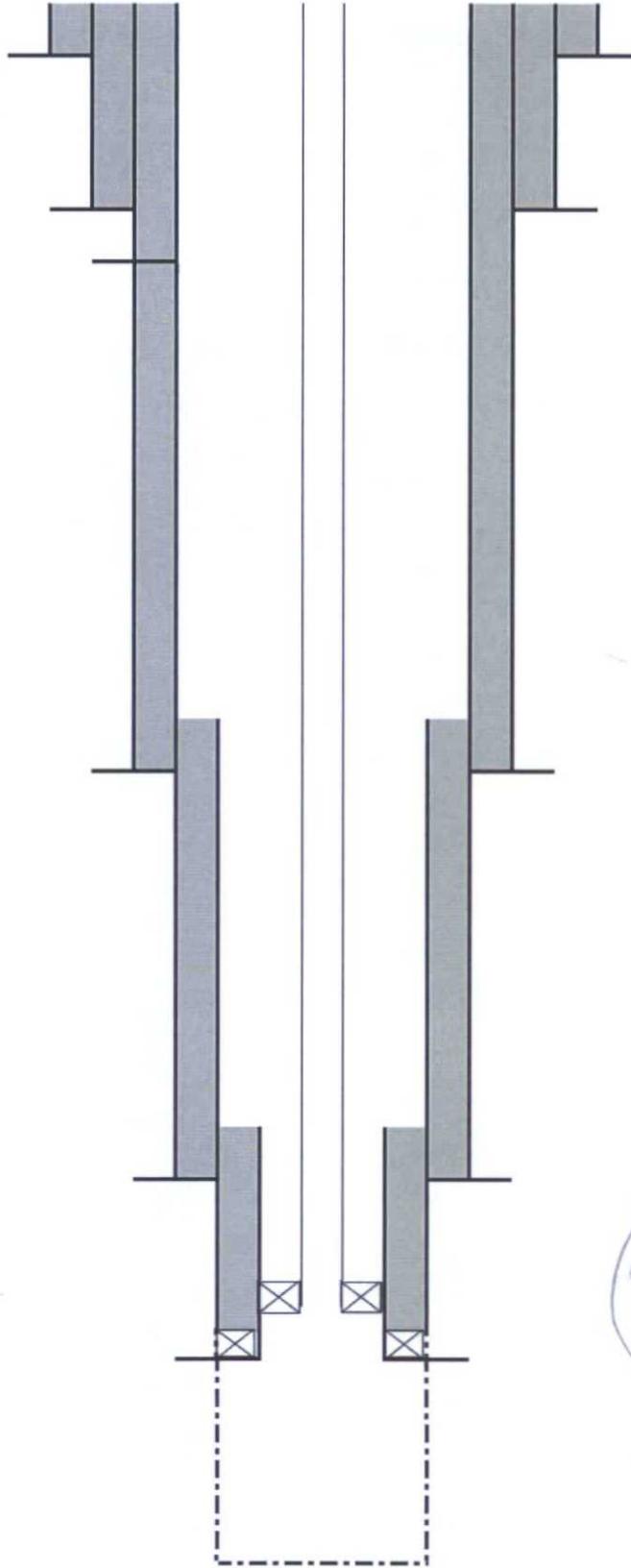
17 1/2" x 13 3/8" 61# J-55 & 68# HCL80 ST&C csg
Set @ 4350'
Cmt w/ 1700 sx, circ to surface
9 5/8" DVT @ 4400'

12 1/4" x 9 5/8" 43.5# & 47# HCL80 LT&C csg
Set @ 11000'
Cmt 1st stage w/ 1500 sx
Cmt 2nd stage w/ 850 sx, TOC @ Surface

8 1/2" x 7 5/8" 39# P-110 LTC
Set @ 10,500'-16,735'
Cmt w/ 450 Sx, TOC 10,500'

DVT @ 17,175'
6 1/2" x 5 1/2" 17# HCP-110 UFJ
Set @ 16,400'-17,200'
Cmt w/ 100 Sx, TOC 16,400'

6 1/2" Open Hole
TD @ 19,290'



Injection String- Tapered

4 1/2" 11.6# & 3 1/2" 9.3# L80 tbg IPC w/TK99
Arrowset 1X Nickel Pltd Pkr set @ 17,165'

External Csg Pkr Set @ 17,185'

Injection Interval 17,190'-19,290'

INJECTION WELL DATA SHEET

Tubing Size: **Tapered string- 4 ½” 11.6# x 3 ½” 9.3# L80**

Lining Material: **TK99 IPC**

Type of Packer: **Arrowset 1X (nickel plated)**

Packer Setting Depth: **+/- 17,145’**

Other Type of Tubing/Casing Seal (if applicable): **N/A**

Additional Data

1. Is this a new well drilled for injection? **Yes**

If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation: **Devonian-Silurian**

3. Name of Field or Pool (if applicable): **[97775] SWD; DEV-FUS-MON-SIMP-ELL**

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Overlying producing zone – **Avalon Shale: 8,435’-9,285’**
2nd Bone Spring Sand: 9,600’-10550’
Wolfcamp Shale: 11,225’-13,060’

Underlying producing zone – **None**

Paduca 6 SWD #1 C-108

- VI.** There are no wells penetrating the disposal formation within the area of review.
- VII.** 1. Proposed average rate of 10,000 bwpd and maximum rate of 20,000 bwpd.
2. Closed system.
3. Proposed average injection pressure is unknown and the maximum injection pressure is 3438 psig (0.2 psi/ft x 17,190 ft).
4. Injection fluid will be formation water from the Mewbourne operated wells in the surrounding area. Mewbourne has producing wells in the Avalon Shale and 2nd Bone Spring Sand. Mewbourne has APDs to drill Wolfcamp Shale horizontals in the surrounding area and plan to send produced water from those locations to the proposed facility. Attached is a water analysis from Mewbourne's Bone Spring well in 8-26S-32E.
5. We will be injecting into Devonian, Silurian, and Upper Ordovician formations. Devonian formation water is known to be compatible with the formation water of the Bone Spring and Wolfcamp within this area of the basin; however, water analysis for the Devonian was not available in the area.
- VIII.** 1. The proposed injection interval is comprised of the Devonian, Fusselman, and Montoya formations. Based on sample logs in the area, the injection interval from 15,600' to 17,700' is mostly dolomite exhibiting inter-crystalline porosity. The proposed well will not penetrate the Simpson Group. Therefore, the base of the injection interval should be approximately 650' above the top of the Ellenburger.
2. The underground fresh water aquifers (unnamed) are present at shallow depths down to 700' based on data obtained from the New Mexico Office of the State Engineer Water Rights database, shallower than the depth of the 20" csg. setting. There are no known fresh water intervals underlying the injecting formation.
- IX.** Subject to injectivity test results, the proposed stimulation is an open-hole acid treatment of 30,000 gallons of 15% HCL.
- X.** Well logs will be filed with the division after the drilling of the well.
- XI.** There are 3 fresh water wells of record within one mile of the proposed location. Mewbourne Oil Company contacted the surface owner and obtained samples on all three wells. The analysis data is attached.
- XII.** Mewbourne Oil Company has examined geologic and engineering data and has found that there is no evidence of faulting between the proposed disposal zone and any underground sources of drinking water.
- XIII.** See attached Proof of Notice

MEWBOURNE OIL COMPANY
P. O. BOX 7698
TYLER, TEXAS 75711

Lease Red Hills West Unit Well No 001H Location 330' FSL & 380' FEL
County Lea ST NM Section 8 TwnShp 26S Rng 32E
Section _____ Blk _____ Survey _____
Filename Formerly Red Hills West 8 Fed Com #1H. Page 1

API No. 30-025-39902

DATE	DAILY REPORTS
JAN 14 2011	<p data-bbox="332 658 1583 739">Water analysis from 01/13/11: SG @ 1.095, Temp 67°F, pH 6.13, Na 47110, Ca 4000, Mg 480, Fe 50, CL 80000, SO₄ 200, HCO₃ 1196 (all in Mg/L).</p> <p data-bbox="430 766 1575 846"><i>JENNINGS, UPPER BONE SPRING + WILDCAT BONE SPRING</i></p>

Paduca 6 SWD #1 (L-6-T26S-R32E)

Mewbourne Oil Company

1 Mile Radius Fresh Water Well Review

5/7/2015

POD Number	County	Location	Sec	Twn	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02090	Eddy	Unit P	1	26S	31E	620329	3548533	350	335	15
C 03554 POD1	Eddy	NE/4 Unit J	1	26S	31E	620547	3549148	630	300	330
C 03639 POD1	Eddy	SW/4 Unit H	1	26S	31E	620168	3549279	700	365	335



Water Analysis

Date: 22-Apr-15

2708 West County Road, Hobbs NM 88240
 Phone (575) 392-5556 Fax (575) 392-7307

Analyzed For

Company	Well Name	County	State
Mewbourne	Baker #1	Lea	New Mexico

Sample Source Wellhead **Sample #** 1

Formation **Depth**

Specific Gravity 1.000 SG @ 60 °F 1.002

pH 7.36 Sulfides

Temperature (°F) 70 Reducing Agents

Cations

Sodium (Calc)	in Mg/L	166	in PPM	166
Calcium	in Mg/L	68	in PPM	68
Magnesium	in Mg/L	29	in PPM	29
Soluble Iron (FE2)	in Mg/L	0.0	in PPM	0

Anions

Chlorides	in Mg/L	400	in PPM	399
Sulfates	in Mg/L	70	in PPM	70
Bicarbonates	in Mg/L	15	in PPM	15
Total Hardness (as CaCO3)	in Mg/L	290	in PPM	289
Total Dissolved Solids (Calc)	in Mg/L	748	in PPM	746
Equivalent NaCl Concentration	in Mg/L	726	in PPM	725

Scaling Tendencies

*Calcium Carbonate Index 996

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 4,760

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

**This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.*

Remarks rw=5.@70f

Report # 3315



Water Analysis

Date: 22-Apr-15

2708 West County Road, Hobbs NM 88240
 Phone (575) 392-5556 Fax (575) 392-7307

Analyzed For

Company	Well Name	County	State
Mewbourne	Baker house well	Lea	New Mexico

Sample Source	Wellhead	Sample #	house
Formation		Depth	
Specific Gravity	1.000	SG @ 60 °F	1.002
pH	7.81	Sulfides	
Temperature (°F)	70	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	154	in PPM	153
Calcium	in Mg/L	6	in PPM	6
Magnesium	in Mg/L	2	in PPM	2
Soluble Iron (FE2)	in Mg/L	0.0	in PPM	0

Anions

Chlorides	in Mg/L	200	in PPM	200
Sulfates	in Mg/L	65	in PPM	65
Bicarbonates	in Mg/L	10	in PPM	10
Total Hardness (as CaCO3)	in Mg/L	25	in PPM	25
Total Dissolved Solids (Calc)	in Mg/L	437	in PPM	436
Equivalent NaCl Concentration	in Mg/L	398	in PPM	398

Scaling Tendencies

*Calcium Carbonate Index	59
<i>Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable</i>	
*Calcium Sulfate (Gyp) Index	390
<i>Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable</i>	

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks rw=7.@70f

Report # 3317



Water Analysis

Date: 22-Apr-15

2708 West County Road, Hobbs NM 88240
 Phone (575) 392-5556 Fax (575) 392-7307

Analyzed For

Company	Well/Name	County	State
Mewbourne	Baker # 2	Lea	New Mexico

Sample Source Wellhead **Sample #** 2

Formation **Depth**

Specific Gravity	1.000	SG @ 60 °F	1.002
pH	7.18	Sulfides	
Temperature (°F)	70	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	172	in PPM	172
Calcium	in Mg/L	80	in PPM	80
Magnesium	in Mg/L	24	in PPM	24
Soluable Iron (FE2)	in Mg/L	0.2	in PPM	0

Anions

Chlorides	in Mg/L	400	in PPM	399
Sulfates	in Mg/L	88	in PPM	88
Bicarbonates	in Mg/L	20	in PPM	19
Total Hardness (as CaCO3)	in Mg/L	300	in PPM	299
Total Dissolved Solids (Calc)	in Mg/L	784	in PPM	782
Equivalent NaCl Concentration	in Mg/L	744	in PPM	742

Scaling Tendencies

*Calcium Carbonate Index **1,562**

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index **7,040**

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

**This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.*

Remarks rw=5.@70f

Report # 3316

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

November 3, 2015

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Mr. Phillip Goetze

Re: Paduca 6 SWD #1

Mr. Goetze,

In accordance with item XII on Mewbourne Oil Company's C-108 filed for the captioned salt water disposal well, Mewbourne Oil Company has examined geologic and engineering data and has found that there is no evidence of faulting or any other hydrologic connection between the proposed disposal zone and any underground sources of drinking water.

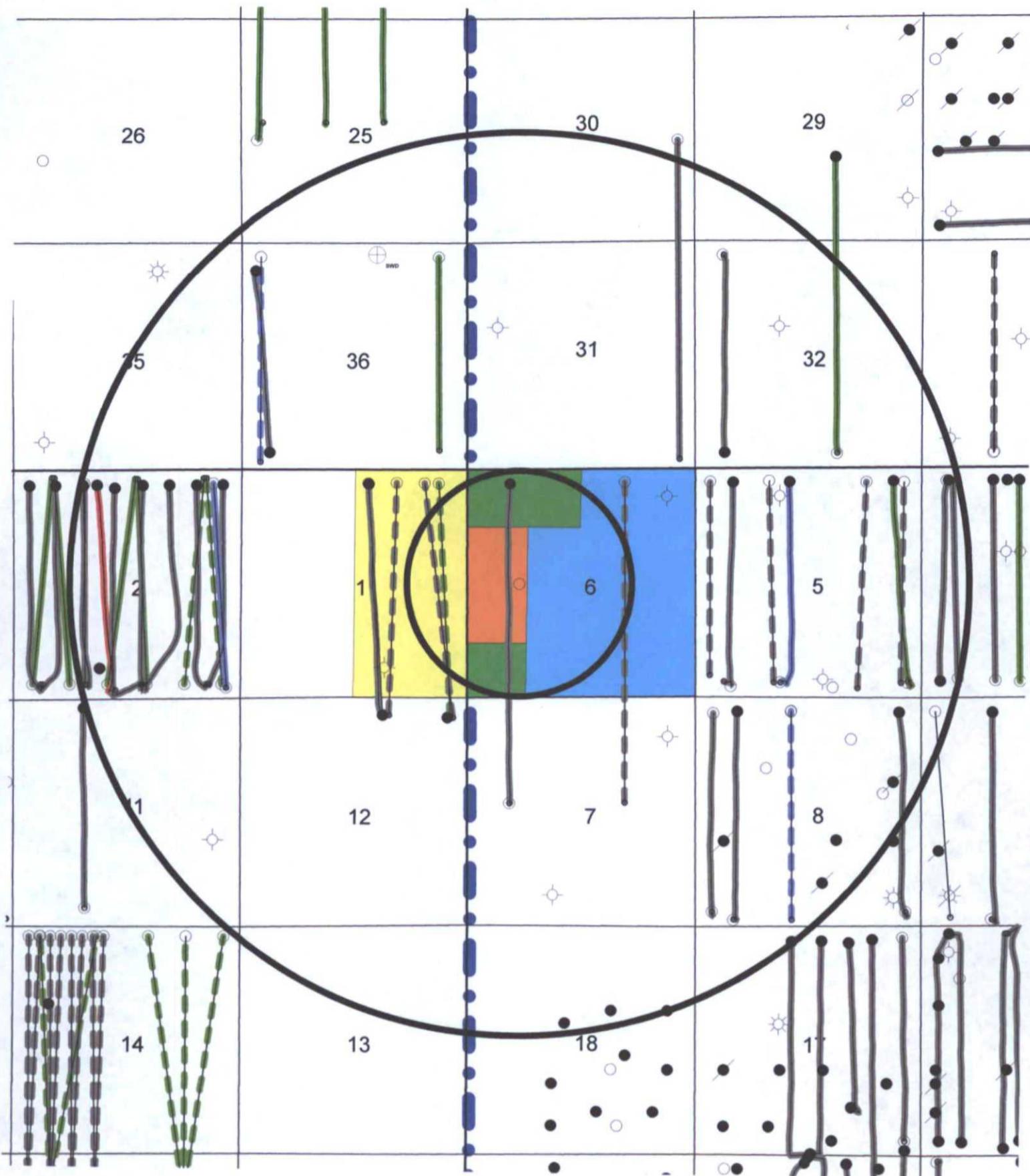
Should you have any questions, please email me at tcude@mewbourne.com or call me at (432) 682-3715.

Sincerely yours,

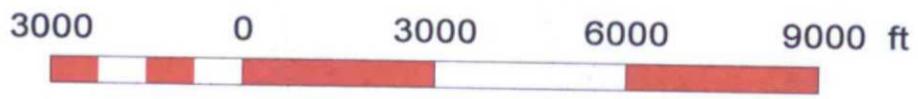
MEWBOURNE OIL COMPANY



Travis Cude
Reservoir Engineer



1 inch = 3000 feet



Activity Color Code

- Delaware
- Avalon Shale
- Avalon Sand
- 1st BS Sand
- 1st BS Shale
- 2nd BS Sand
- Harkey Sand
- 3rd BS Shale
- 3rd BS Sand
- Wolfcamp "A"
- Wolfcamp "D"
- Canyon

Permit: - - - -
 Drilled: ————

- Mewbourne Oil Company
- Mewbourne & Chevron
- ConocoPhillips Company
- Occidental Permian, LP

MOC Mewbourne Oil Company		
Paduca 6 SWD #1 Proposal		
Activity Map 1/2 Mile & 2 Mile Radius		
Sec 6, T26S/R32E, Lea County, NM		
Author: R. Townsend	Scale: 1" = 3000'	Date: 2 November, 2015 Page: Legal

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

November 3, 2015

Jesse T Baker or Susan A Baker, DBA, Baker Ranch
P.O. Box 24
Silver City, NM 88062

Re: Application to Inject
Paduca 6 SWD #1
Township 26 South, Range 32 East, N.M.P.M.
Section 6, 2650' FSL & 1220' FWL
Lea County, New Mexico

To Whom It May Concern,

Enclosed for your review is a copy of Mewbourne Oil Company's C-108 Application to Inject for the captioned well. As required by the New Mexico Oil Conservation Division, you are being noticed because you have been identified as the surface owner or a leasehold operator within a one-half mile radius of the proposed well location. If you object to the application, you must file a written objection and/or request for hearing with the Division within 15 days of receipt of this notice. The Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

Should you have any questions, please contact us at (432) 682-3715.

Sincerely yours,

MEWBOURNE OIL COMPANY



Travis Cude
Reservoir Engineer

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

November 3, 2015

Chevron U.S.A Inc.
P.O. Box 2100
Houston, TX 77252-2100

Re: Application to Inject
Paduca 6 SWD #1
Township 26 South, Range 32 East, N.M.P.M.
Section 6, 2650' FSL & 1220' FWL
Lea County, New Mexico

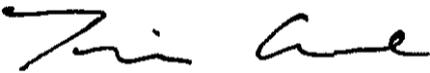
To Whom It May Concern,

Enclosed for your review is a copy of Mewbourne Oil Company's C-108 Application to Inject for the captioned well. As required by the New Mexico Oil Conservation Division, you are being noticed because you have been identified as the surface owner or a leasehold operator within a one-half mile radius of the proposed well location. If you object to the application, you must file a written objection and/or request for hearing with the Division within 15 days of receipt of this notice. The Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

Should you have any questions, please contact us at (432) 682-3715.

Sincerely yours,

MEWBOURNE OIL COMPANY



Travis Cude
Reservoir Engineer

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

November 3, 2015

ConocoPhillips Company
P.O. Box 2197
Houston, TX 77252-2197

Re: Application to Inject
Paduca 6 SWD #1
Township 26 South, Range 32 East, N.M.P.M.
Section 6, 2650' FSL & 1220' FWL
Lea County, New Mexico

To Whom It May Concern,

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Should you have any questions, please contact us at (432) 682-3715.

Sincerely yours,

MEWBOURNE OIL COMPANY



Travis Cude
Reservoir Engineer

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

November 3, 2015

Occidental Permian LP
P.O. Box 4294
Houston, TX 77120

Re: Application to Inject
Paduca 6 SWD #1
Township 26 South, Range 32 East, N.M.P.M.
Section 6, 2650' FSL & 1220' FWL
Lea County, New Mexico

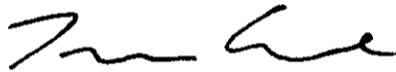
To Whom It May Concern,

Enclosed for your review is a copy of Mewbourne Oil Company's C-108 Application to Inject for the captioned well. As required by the New Mexico Oil Conservation Division, you are being noticed because you have been identified as the surface owner or a leasehold operator within a one-half mile radius of the proposed well location. If you object to the application, you must file a written objection and/or request for hearing with the Division within 15 days of receipt of this notice. The Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

Should you have any questions, please contact us at (432) 682-3715.

Sincerely yours,

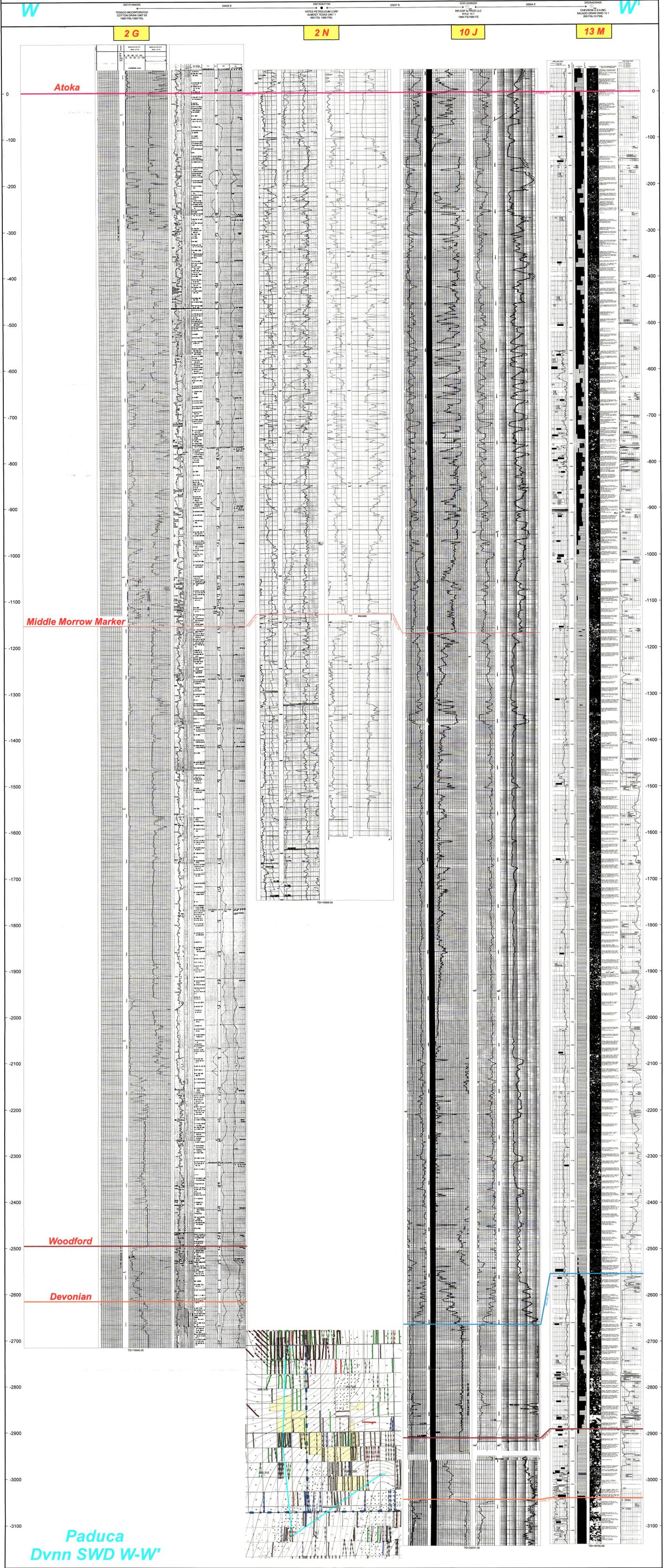
MEWBOURNE OIL COMPANY



Travis Cude
Reservoir Engineer

NOTICE

Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking approval to dispose of produced water in the Paduca 6 SWD #1 located 2650 feet from the South line and 1220 feet from the West line (NW/SW) of Section 6, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico, into the Devonian-Silurian-Upper Ordovician formations. The projected injection interval occurs from a depth of 17,190 feet to 19,290 feet. Expected maximum injection rates are 20,000 BWPD at a maximum injection pressure of 3438 psi. If you object to the application, you must file a written request for hearing with the Division within 15 days of this date of notice is published. The Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Failure to object will preclude you from contesting this matter at a later date. The name and address of the contact party for the applicant is Travis Cude, Mewbourne Oil Company, Suite 1020, 500 West Texas Ave., Midland, Texas 79701, (432)-682-3715. The well is located approximately 30 miles West of Jal, New Mexico.



Paduca
Dvnn SWD W-W'

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

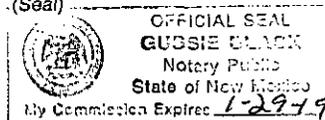
Beginning with the issue dated
November 06, 2015
and ending with the issue dated
November 06, 2015.


Publisher

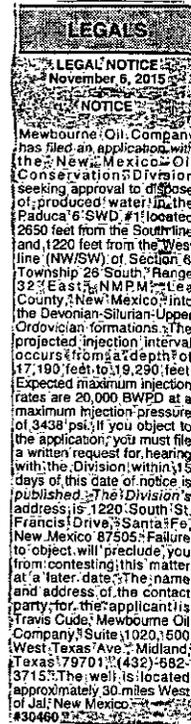
Sworn and subscribed to before me this
6th day of November 2015.


Business Manager

My commission expires
January 29, 2019
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said



01102551

00165886

DREW GREENE
MEWBOURNE OIL COMPANY
P.O. BOX 7698
TYLER, TX 75711



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q	Q	Q	Sec	Tws	Range	X	Y	Depth Well	Depth Water	Water Column
C 03829 POD1	CUB	LE	3 3 1 06	26S	32E	620628	3549186					646	350	296

Average Depth to Water: 350 feet

Minimum Depth: 350 feet

Maximum Depth: 350 feet

Record Count: 1

PLSS Search:

Section(s): 5-8

Township: 26S

Range: 32E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

McMillan, Michael, EMNRD

From: Travis Cude <tcude@mewbourne.com>
Sent: Tuesday, December 29, 2015 12:10 PM
To: McMillan, Michael, EMNRD
Subject: RE: Paduca 6 SWD Well No. 1
Attachments: Oxy Certified Mail Receipt.pdf; Paduca 6 SWD Notice of Mailing.pdf; COP Waiver.pdf

Mike,

Attached are Oxy's receipt of the certified mailing along with the notice of delivery to Chevron, ConocoPhillips, and the surface owners. I am aware the item ID shows "Brushy Draw SWD," however it was the Paduca 6 SWD application that was sent (which can be confirmed through ConocoPhillips's acknowledgement of the application). Both applications were sent out on the same day and these mailings were just incorrectly labeled on our internal tracking system.

We would be willing to run a tapered tubing string, down to 3 ½" inside the 5 ½" liner. On that note, are we able to request a casing program and/or tubing design change through a sundry notice?

Thanks,

Travis

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, December 29, 2015 11:09 AM
To: Travis Cude
Subject: Paduca 6 SWD Well No. 1

Travis:

Do you received the proof of mailing for the Paduca 6 SWD Well No.1? We had talked about this last week. I believe you said that you were having problems with the mailings.

The OCD is concerned with running a 4-1/2 inch tubing inside the 5-1/2 inch liner, if there are any casing integrity problems may arise. The OCD will require a smaller tubing size.

Thank You

Michael A. McMillan

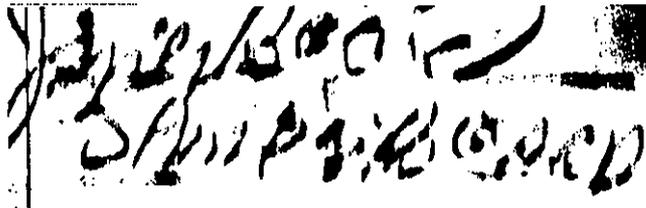
Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Dr., Santa Fe NM 87505
O: 505.476.3448 F. 505.476.3462
Michael.mcmillan@state.nm.us

Date: November 19, 2015

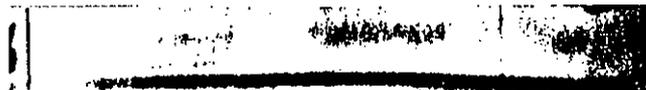
Simple Certified:

The following is in response to your November 19, 2015 request for delivery information on your Certified Mail™/RRE item number 9414810699945012028282. The delivery record shows that this item was delivered on November 18, 2015 at 5:08 am in HOUSTON, TX 77210. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Occidental Permian LP
PO BOX 4294
HOUSTON, TX 77210
Reference #: Brushy Draw SWD to

Travis Cude

From: Eaton, Susan B <Susan.B.Eaton@conocophillips.com>
Sent: Thursday, December 10, 2015 2:14 PM
To: Travis Cude
Cc: Works, Renaldo D
Subject: Application to Inject the Paduca 6 SWD #1

Travis,

In response to your letter dated Nov. 3, 2015 regarding Mewbourne Oil Company's plans to inject the Paduca 6 SWD #1 located in T26S-R32E, Lea County, NM, this email shall serve as notice that ConocoPhillips Company **does not object** to such injection.

Please let me know if you need any additional information.

Thank you.

Susan Eaton

Sr. Land Analyst
ConocoPhillips Lower 48
T: 281-206-5339 | susan.b.eaton@conocophillips.com
Visit the new Lower 48 website:

www.conocophillipsuslower48.com



Please do not print this e-mail unless you really need to.

OCD Permitting

Home Land Searches Land Details

Section : 06-26S-32E

Type: Normal

Total Acres: 640.8

County: Lea (25)

D (1) Federal ¹ Federal ² (25) 40.05	C (C) Federal ¹ Federal ² (25) 40	B (B) Federal ¹ Federal ² (25) 40	A (A) Federal ¹ Federal ² (25) 40
E (2) Federal ¹ Federal ² (25) 40.15	F (F) Federal ¹ Federal ² (25) 40	G (G) Federal ¹ Federal ² (25) 40	H (H) Federal ¹ Federal ² (25) 40
L (3) Federal ¹ Federal ² (25) 40.25	K (K) Federal ¹ Federal ² (25) 40	J (J) Federal ¹ Federal ² (25) 40	I (I) Federal ¹ Federal ² (25) 40
M (4) Federal ¹ Federal ² (25) 40.35	N (N) Federal ¹ Federal ² (25) 40	O (O) Federal ¹ Federal ² (25) 40	P (P) Federal ¹ Federal ² (25) 40

Note ¹ = Surface Owner Rights

Note ² = Sub-Surface Mineral Rights

Land Restrictions

No land restrictions found for this section.

[Return to Search](#)



C-108 Review Checklist: Received 4/18 Add. Request: 12/18 Reply Date: _____ Suspended: _____ [Ver 15]

ORDER TYPE: WFX / PMX / SWD Number: _____ Order Date: _____ Legacy Permits/Orders: _____

Well No. 1 Well Name(s): Paduca 65411

API: 30-0 25 - Pending Spud Date: TBD New or Old: NO (UIC Class II Primacy 03/07/1982)

Footages 1220 FUL Lot (3) or Unit _____ Sec 6 Tsp 26 Rge 32G County LC

General Location: 2 Yuma to S w/ Seal Pool: SWD' Devonian-silurian Pool No.: 97865

BLM 100K Map: JAI Operator: Oil Company OGRID: 14744 Contact: THAVIS CUBO, engineer

COMPLIANCE RULE 5.9: Total Wells: 935 Inactive: 3 Fincl Assur: Y Compl. Order? NA IS 5.9 OK? Y Date: 12/29/2016

WELL FILE REVIEWED Current Status: Proposed

WELL DIAGRAMS: NEW: Proposed or RE-ENTER: Before Conv. After Conv. Logs in Imaging: _____

Planned Rehab Work to Well: CBL From 17185 to surface thru 12' Litho + Intermediate

Well Construction Details	Sizes (in)	Setting	Cement	Cement Top and Determination
	Borehole / Pipe	Depths (ft)		
Planned ___ or Existing ___ Surface	26 1/2" / 20"	1025	1750	Surface / VIS 44
Planned ___ or Existing ___ Interm/Prod	17 1/2" / 13 3/8"	4350	1700	Surface / VIS 44
Planned ___ or Existing ___ Interm/Prod	12 1/4" / 9 5/8"	11000	2350	Surface / VIS 44
Planned ___ or Existing ___ Prod. Line	8 1/2" / 7 5/8"	16735	450	10,500*
Planned ___ or Existing ___ Liner		17200	100	16,400*
Planned ___ or Existing ___ <u>OH</u> / PERF	17140 / 16940		Inj Length 2100	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.		DEV	17140
Confining Unit: Litho. Struc. Por.			
Proposed Inj Interval TOP:	16940 / 17140		DEV
Proposed Inj Interval BOTTOM:	16940		
Confining Unit: Litho. Struc. Por.			
Adjacent Unit: Litho. Struc. Por.			

Completion/Operation Details:	
Drilled TD	14290 PBDT _____
NEW TD	NEW PBDT _____
NEW Open Hole	<input checked="" type="radio"/> or NEW Perfs <input type="radio"/>
Tubing Size	4 1/2" in. Inter Coated? <u>Y</u>
Proposed Packer Depth	17185 ft
Min. Packer Depth	17090 (100-ft limit)
Proposed Max. Surface Press.	3438 psi
Admin. Inj. Press.	3438 (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA Noticed? BLM Sec Ord WIPP Noticed? Salt/Salado T: _____ B: _____ NW: Cliff House fm _____

FRESH WATER: Aquifer Quaternary Max Depth 350 HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: CANLSHAW CAPITAN REEF: thru adj (NA) No. Wells within 1-Mile Radius? _____ FW Analysis _____

Disposal Fluid: Formation Source(s) _____ Analysis? _____ On Lease Operator Only or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): 10,000/20,000 Protectable Waters? _____ Source: _____ System: Closed or Open

HC Potential: Producing Interval? NA Formerly Producing? _____ Method: Logs/DST/P&A/Other _____ 2-Mile Radius Pool Map

AOR Wells: 1/2-M Radius Map? Y Well List? _____ Total No. Wells Penetrating Interval: _____ Horizontals? _____

Penetrating Wells: No. Active Wells 0 Num Repairs? _____ on which well(s)? _____ Diagrams? _____

Penetrating Wells: No. P&A Wells 0 Num Repairs? _____ on which well(s)? _____ Diagrams? _____

NOTICE: Newspaper Date 11-6 Mineral Owner BLM Surface Owner BLM N. Date _____

RULE 26.7(A): Identified Tracts? Y Affected Persons: CONOR PHILLIPS, OXY N. Date _____

Order Conditions: Issues: _____

Add Order Cond: _____