

DATE IN 06/25/15	SUSPENSE	ENGINEER <i>ERB</i>	LOGGED IN 06/29/15	TYPE SWD	PRG 1518050838
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



PCRF 2200-5400

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-1588

*Newbourne Oil Company
 Owl Draw SWD #1
 J-22-265-27E*

*Delaware group
 API pending
 30-015-*

[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.

James Bruce *James Bruce* *Attorney* *6/24/15*
 Print or Type Name Signature Title Date
jamesbruce@aol.com
 e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X 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 X 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: 3/17/15

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: _____

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: **Owl Draw SWD #1**

WELL LOCATION:	2630' FSL & 2640' FEL	J	22	26S	27E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC (See Attached)**WELL CONSTRUCTION DATA**Surface CasingHole Size: **12 1/4"**Cement with: **+/- 250 sx**Casing Size: **9 5/8" @ 375'**Top of Cement: **Surface**
(visual)Intermediate CasingHole Size: **8 3/4"**Cement with: **+/- 1000 sx**Casing Size: **7" @ 5500'**DVT **@ 2075'**Top of Cement: **Surface**
(visual)**TD @ 5500'**Injection Interval**2200'-5400'**

INJECTION WELL DATA SHEET

Tubing Size: **3 1/2" 9.3# L80**

Lining Material: **TK99 IPC**

Type of Packer: **Arrowset 1X (nickel plated) 3 1/2" x 7"**

Packer Setting Depth: **+/- 2175'**

Other Type of Tubing/Casing Seal (if applicable): **CIBP @ 5450'**

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: **Delaware, perforated**

3. Name of Field or Pool (if applicable): **SWD; Delaware**

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 – None

Underlying producing zone ~ Avalon Shale ~ 6150'

Mewbourne Oil Company

Proposed

Well Name: Owl Draw SWD #1

Last Updated by: T Cude on 03/09/2015

12 1/4" x 9 5/8" 40# J55 LT&C

Set @ 375'

Cmt w/ 250 sx, circ to pit

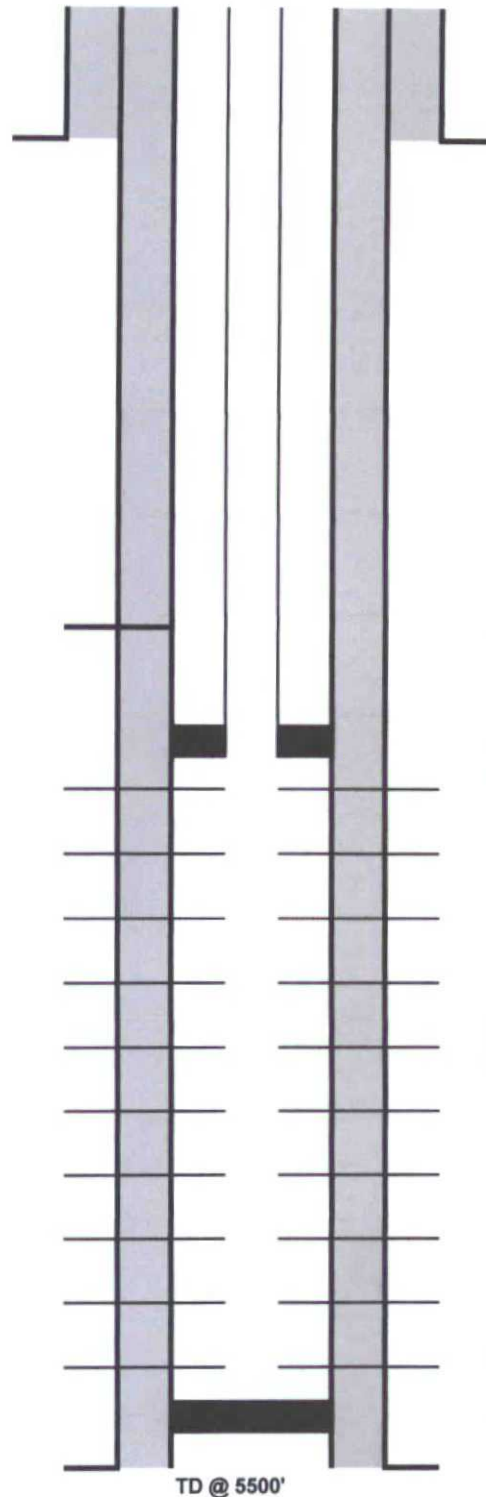
DVT

Set @ 2075'

8 3/4" x 7" 26# J55 LT&C

Cmt w/ 1000 sx, circ to pit

Set @ 5500'



Injection String

3 1/2" 9.3" L80 TK99 IPC lined tubing

3 1/2" x 7" Arrowset 1X Packer (nickel plated)

Set @ 2175'

Uppermost Perf: 2200'

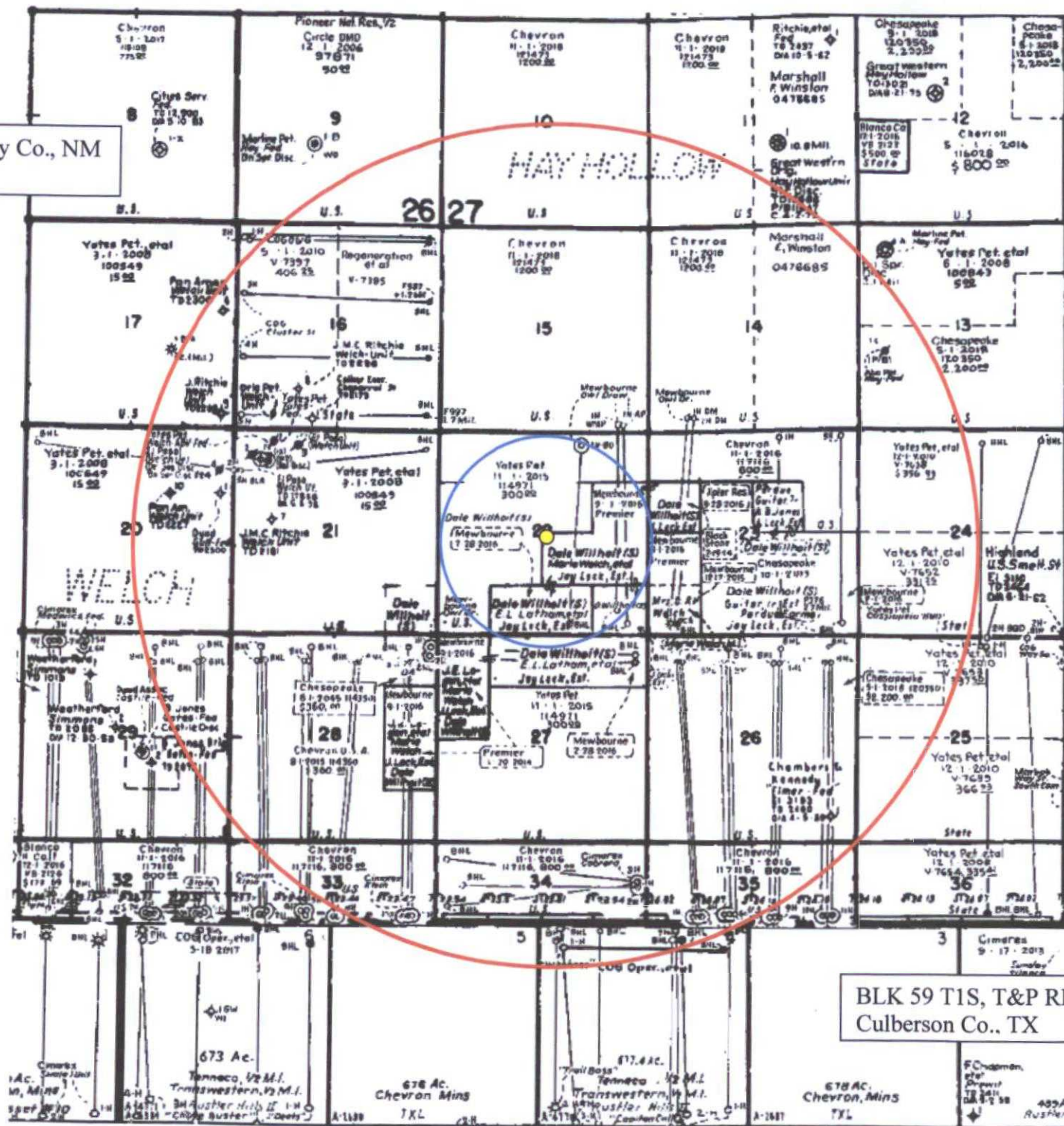
Delaware Perfs

Perf interval from 2200'-5400'

Lowermost Perf: 5400'

CIBP 5450'

T26S R27E Eddy Co., NM



BLK 59 T1S, T&P RR CO Survey
Culberson Co., TX

Owl Draw SWD #1 C-108
Additional Details

- VI.** There three wells within the ½ mile area of review penetrating the Delaware on record. A tabulation of their construction and wellbore diagrams are attached.
- VII.** 1. Proposed average rate of 5000 bwpd and maximum rate of 10,000 bwpd.
2. Closed system.
3. Proposed average injection pressure is unknown and the maximum injection pressure is 440 psig (0.2 psi/ft x 2200 ft).
4. Injection fluid will be formation water from the Mewbourne Oil Company operated wells in the surrounding area. To date, Mewbourne has drilled Bone Spring and Wolfcamp horizontal wells. Water analysis is attached from MOC's Owl Draw 23 DM Fed Com 1H(Wolfcamp Shale) and Owl Draw 23 DM Fed Com 2H(2nd Bone Spring Sand).
5. We will be injecting into the Delaware. Water analysis for the Delaware formation is attached from 18-26S-27E. These forms were included in C-108 for NMOCD Order SWD-1091-0 issued to BTA Oil Producers 8/10/2007.
- VIII.** 1. The proposed injection interval is within the Delaware Mountain group which is porous sandstone from 2125' to 5800'. There is no Delaware production in the ½ mile area of review for this well.
2. The underground fresh water aquifers (unnamed) are present at shallow depths down to about 100', shallower than the depth of the 9 5/8" csg. setting. There are no known fresh water intervals underlying the injecting formation.
- IX.** The proposed stimulation is a cased-hole acid treatment of 10000 gallons of 7.5% HCL. If necessary, the well will be fracture stimulated.
- X.** Well logs will be filed with the division after the drilling of the well.
- XI.** There are no fresh water wells of record within one mile of the proposed location.
- 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

Application for Authorization to Inject (C108)

Mewbourne Oil Company

Owl Draw SWD #1

Tabulation of Wells within the Area of Review Penetrating the Injecting Zone (As of 3/2015)

Well Name	SEC	TWN	RGE		Footage			County	TYPE	Formation	Date Spud	MD (ft)	TVD (ft)	Csg Size	Depth (ft)	Cmt (sx)	TOC
Owl Draw 22/27 B2AP Fed Com 1H	15	26S	27E	200	FSL	600	FEL	Eddy	HZ	2nd BSS	6/11/14	17650	7599	13 3/8"	413	450	circ
3001541430														DVT	2108	650	circ
Mewbourne Oil Company														9 5/8"	5877	1200	circ
														5 1/2"	17480	1350	est 200'
Owl Draw 22 W1AP Fed Com 1H	15	26S	27E	230	FSL	660	FEL	Eddy	HZ	Wolfcamp	7/18/14	13890	9133	13 3/8"	412	450	circ
3001542475														9 5/8"	2105	700	circ
Mewbourne Oil Company														7"	9526	1000	850' TS
														4 1/2"	8561	TOL	
															13885	250	8561'
Owl Draw 22/27 B2BO Fed Com 1H	22	26S	27E	330	FNL	1585	FEL	EDDY	HZ	2nd BSS	2/12/15	17250	7569	13 3/8"	371	400	circ
3001542829														DVT	2064	600	circ
Mewbourne Oil Company														9 5/8"	5850	1100	circ
TD and 5 1/2" setting are estimated														5 1/2"	17250	2750	circ

Mewbourne Oil Company

Well Name: Owl Draw 22/27 B2AP Fed Com 1H

Last Updated by: T Cude on 03/09/2015

Spud Date: 6/11/14

17 1/2" x 13 3/8" 48#H40 ST&C

Set @ 413'

Cmt w/ 450 sx, circ 138 sks to pit

DVT @ 2108'

Cmt Stg 2 w/ 650 sx, circ 13 sx to pit

12 1/4" x 9 5/8" 40# HCL80 LT&C

Set @ 5877'

Cmt Stg 1 w/ 1200 sx, circ 10 sx off DVT

8 3/4" x 5 1/2" 17# P110

Set @ 17480'

Cmt w/ 1350 sx, did not circulate

-est. TOC @ 200' MD

TD @ 17650' MD, 7599' TVD

Mewbourne Oil Company

Well Name: Owl Draw 22 W1AP Fed Com 1H

Last Updated by: T Cude on 03/09/2015

Spud Date: 07/28/2014

17 1/2" x 13 3/8" 48#H40 ST&C

Set @ 412'

Cmt w/ 450 sx, circ 100 sks to pit

12 1/4" x 9 5/8" 36# J55 LT&C

Set @ 2105'

Cmt w/ 700 sx, circ 239 sx to pit

Top of Liner @ 8561'

8 3/4" x 7" 26# P110 LT&C

Set @ 9526'

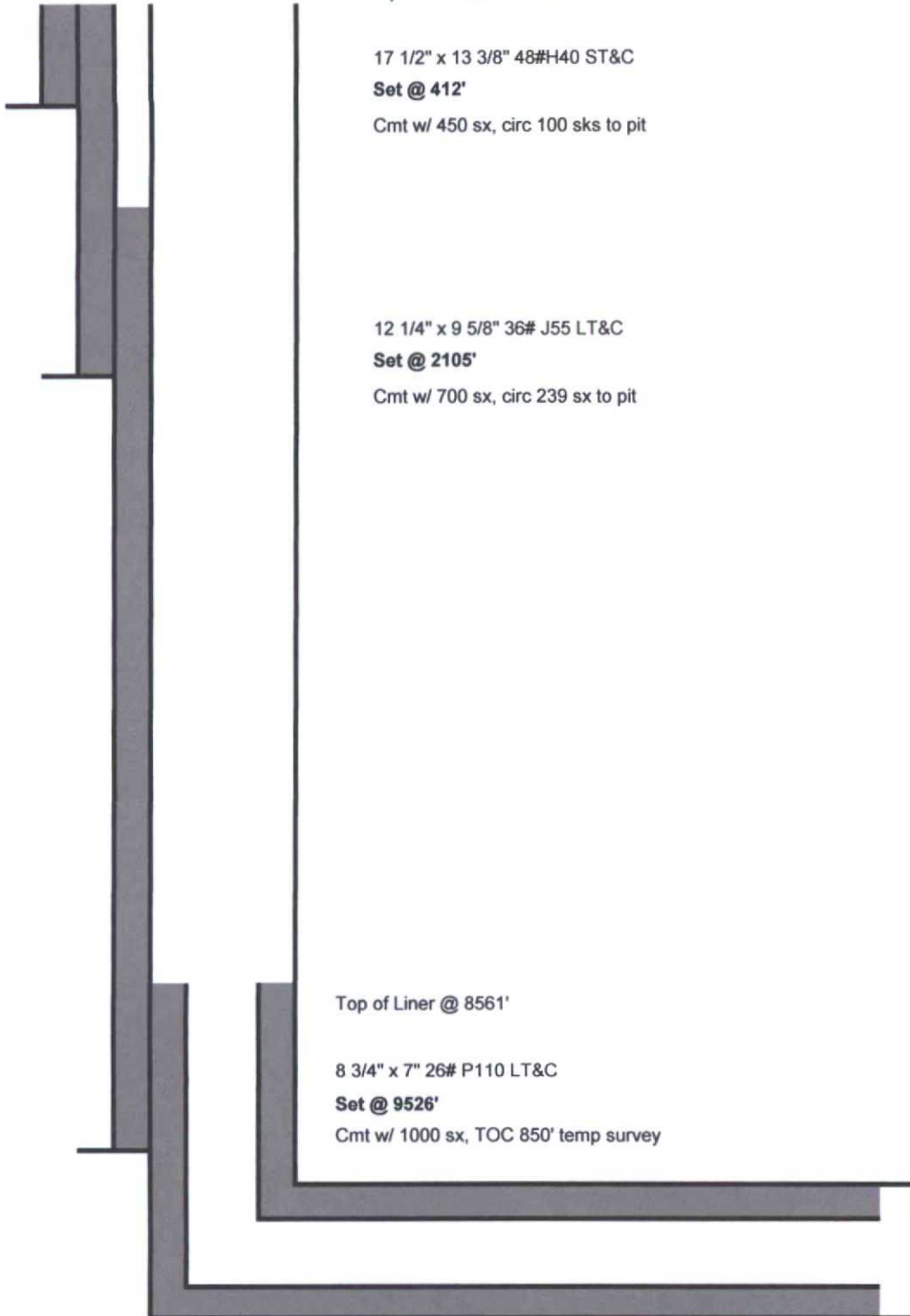
Cmt w/ 1000 sx, TOC 850' temp survey

6 1/8" x 4 1/2" 13.5# P110 LT@C Liner

Set @ 13885'

Cmt w/ 250 sx, circ 75 sk to pit

TD @ 13890' MD, 9133' TVD



Mewbourne Oil Company

***Currently Drilling* Well Name: Owl Draw 22/27 B2BO Fed Com 1H**

Last Updated by: T Cude on 03/09/2015

Spud Date: 02/12/2015

17 1/2" x 13 3/8" 48#H40 ST&C

Set @ 371'

Cmt w/ 400 sx, circ 105 sks to pit

DVT @ 2064'

Cmt Stg 2 w/ 600 sx, circ 116 sx to pit

External Csg Packer @ 2088'

12 1/4" x 9 5/8" 40# HCL80 LT&C

Set @ 5850'

Cmt Stg 1 w/ 1100 sx, circ 50 sx off DVT

8 3/4" x 5 1/2" 17# P110

***Estimated Set @ 17250'**

*Est. Cmt w/ 2750 sx, circ cement

***Est. TD @ 17250' MD, 7569' TVD**

Lease	<u>Owl Draw "23" DM Fed Com</u>			Well No	<u>1H</u>	Location	<u>375' FSL & 990' FWL</u>		
County	<u>Eddy</u>	ST	<u>NM</u>	Section	<u>14</u>	TwtnShp	<u>26S</u>	Rng	<u>27E</u>
Section	<u></u>		Blk	<u></u>		Survey	<u></u>		
Filename	<u></u>							Page	<u>1</u>
API No. 30-015-41448									

DATE	DAILY REPORTS
APR 01 2014	Water analysis from 03/24/14: SG @ 1.060, Temp 70°, pH 7.08, Na 22000, Ca 6000, Mg 1200, Fe 1, CL 48000, SO4 325, HCO3 220 (all in Mg/L).
APR 30 2014	Water analysis from 04/29/14: SG @ 1.075, Temp 70°, pH 7.00, Na 30140, Ca 6400, Mg 960, Fe 0.4, CL 60000, SO4 400, HCO3 146 (all in Mg/L).

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

Lease Owl Draw "23" DM Fed Com Well No 2H Location _____
County Eddy ST NM Section 14 TwnShp 26S Rng 27E
Section _____ Blk _____ Survey _____
Filename _____ Page 1
API No. 30-015-41629

DATE	DAILY REPORTS
APR 30 2014	<p>Water analysis from 04/29/14: SG @ 1.130, Temp 70°, pH 6.70, Na 62155, Ca 1200, Mg 1680, Fe 0.4, CL 102000, SO4 550, HCO3 88 (all in Mg/L).</p>

**Water Analysis**

Date: 10-Jun-06

2708 West County Road, Hobbs NM 88240

Phone (505) 392-5556 Fax (505) 392-7307

Analyzed For

Company	Well Name	County	State
BTA	Owl #1	Lea	New Mexico

Sample Source	Wellhead	Sample #	1
Formation	Depth		
Specific Gravity	1.160	SG @ 60 °F	1.163
pH	5.58	Sulfides	Absent
Temperature (°F)	74	Reducing Agents	Not Tested

Cations

Sodium (Calc)	in Mg/L	62,888	in PPM	54,170
Calcium	in Mg/L	19,600	in PPM	16,856
Magnesium	in Mg/L	5,040	in PPM	4,334
Soluble Iron (FE2)	in Mg/L	200.0	in PPM	172

Anions

Chlorides	in Mg/L	148,000	in PPM	125,559
Sulfates	in Mg/L	145	in PPM	125
Bicarbonates	in Mg/L	415	in PPM	357
Total Hardness (as CaCO3)	in Mg/L	70,000	in PPM	60,200
Total Dissolved Solids (Calc)	in Mg/L	234,388	in PPM	201,572
Equivalent NaCl Concentration	in Mg/L	204,569	in PPM	175,928

Scaling Tendencies

*Calcium Carbonate Index	8,130,080
Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable	
*Calcium Sulfate (Gyp) Index	2,842,000
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=.0485

Report # 2221

BTA OIL PRODUCERS
Application for Injection
Owl, 20504 JV-P, #5
2310' FSL & 2130' FEL
Section 18, T26S, R27E
Eddy County, NM



BJ SERVICES

Water Analysis

Date: 04-Jun-07

2708 West County Road, Hobbs NM 88240
Phone (505) 392-5556 Fax (505) 392-7307

Upper Cherry Canyon 3054-3282' (overall)
Sampled 6/4/07

Analyzed For

Company	Well Name	County	State
BTA	Owl 5	Lea	New Mexico

Sample Source

Swab Sample

Sample #

1

Formation

Cherry Canyon

Depth

Specific Gravity

1.100

SG @ 60 °F

1.102

pH

6.70

Sulfides

Absent

Temperature (°F)

70

Reducing Agents

Cations

Sodium (Calc)

in Mg/L

41,482

in PPM

37,642

Calcium

in Mg/L

8,000

in PPM

7,260

Magnesium

in Mg/L

960

in PPM

871

Soluble Iron (FE2)

in Mg/L

400.0

in PPM

363

Anions

Chlorides

in Mg/L

30,000

in PPM

72,595

Sulfates

in Mg/L

1,325

in PPM

1,202

Bicarbonates

in Mg/L

244

in PPM

221

Total Hardness (as CaCO3)

in Mg/L

24,600

in PPM

21,779

Total Dissolved Solids (Calc)

in Mg/L

132,411

in PPM

120,155

Equivalent NaCl Concentration

in Mg/L

119,537

in PPM

108,473

Scaling Tendencies

*Calcium Carbonate Index

1,952,000

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

*Calcium Sulfate (Gyp) Index

10,600,000

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

n=065@701

Report

2497

BTA OIL PRODUCERS
Application for Injection
Owl, 20504 JV-P, #5
2310' FSL & 2130' FEL
Section 18, T26S, R27E
Eddy County, NM

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

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

March 8, 2015

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

Re: Owl Draw 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

A handwritten signature in black ink, appearing to read 'Travis Cude', with a long horizontal flourish extending to the right.

Travis Cude
Reservoir Engineer

Offset Ownership
Owl Draw SWD No. 1
Section 22, T26S, R27E
Eddy County, New Mexico

Surface Owner

Phillip Stell and wife, Kendra Stell, as joint tenants
1305 Janway, Carlsbad, New Mexico 88220

Working Interest Owner

Section 22, Section 27 and

W/2 of Section 23:

Mewbourne Oil Company - Operator

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

June 24, 2015

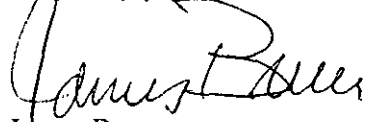
CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Phillip Stell
Kendra Stell
1305 Janway
Carlsbad, NM 88220

Ladies and gentlemen:

Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking approval of a salt water disposal well in the Owl Draw SWD Well No. 1, located in the NW¼SE¼ of Section 22, Township 26 South, Range 27 East, N.M.P.M., Eddy County, New Mexico. A copy of the application is enclosed. If you object to the application, you must notify the Division in writing within 15 days (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.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

NOTICE

Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking approval to drill the Owl Draw SWD Well No. 1, to be located 2630 feet from the south line and 2640 feet from the east line (the NW/4SE/4) of Section 22, Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico, and dispose of produced water into the Delaware formation at depths of 2,200-5,400 feet subsurface. The expected maximum injection rate is 10,000 BWPD, and the maximum injection pressure is 440 psi. If you object to the application you must file a written objection or request for hearing with the Division within 15 days of the date this 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 applicant is Corey Mitchell, Mewbourne Oil Company, Suite 1020, 500 West Texas, Midland, Texas 79701, (432) 682-3715. The well is located approximately 11 miles west-northwest of the intersection of U.S. Highway 285 with the Texas-New Mexico border.

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruce@aol.com

RECEIVED OCD
2015 JUN 25 P 3:12


June 24 2015

Phillip Goetze
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Goetze:

Enclosed is an application for administrative approval of a salt water disposal well (Owl Draw SWD Well No.1), filed on behalf of Mewbourne Oil Company. When I receive the certified green cards and the newspaper's affidavit of publication I will forward them to you.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company



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	Sub	Q	Q	Q	Sec	Tws	Rng	X	Y	Depth	Depth	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng		Well	WaterColumn
C 02930	C	ED		2	3	4	22	26S	27E	577938	3543284*	100 50 50

Average Depth to Water: 50 feet

Minimum Depth: 50 feet

Maximum Depth: 50 feet

Record Count: 1

PLSS Search:

Section(s): 14-23

Township: 26S

Range: 27E

*UTM location was derived from PLSS - see Help

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.

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruce@aol.com

June 24, 2015

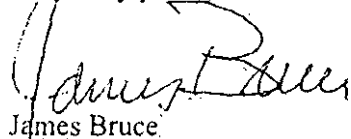
CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Phillip Stell
Kendra Stell
1305 Janway
Carlsbad, NM 88220

Ladies and gentlemen:

Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking approval of a salt water disposal well in the Owl Draw SWD Well No. 1, located in the NW¼SE¼ of Section 22, Township 26 South, Range 27 East, N.M.P.M., Eddy County, New Mexico. A copy of the application is enclosed. If you object to the application, you must notify the Division in writing within 15 days (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.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Rynni Henderson, being first duly
sworn, on oath says:

That she is the Publisher of the
Carlsbad Current-Argus, a
newspaper published daily at the
City of Carlsbad, in said county of
Eddy, state of New Mexico and of
general paid circulation in said
county; that the same is a duly
qualified newspaper under the laws
of the State wherein legal notices
and advertisements may be
published; that the printed notice
attached hereto was published in the
regular and entire edition of said
newspaper and not in supplement
thereof on the date as follows, to wit:

June 25 2015

That the cost of publication is \$76.73
and that payment thereof has been
made and will be assessed as court
costs.

Rynni Henderson

Subscribed and sworn to before me
this 25 day of June

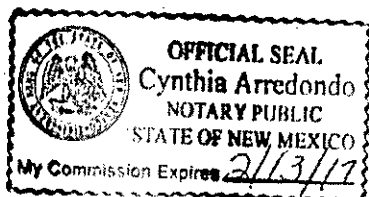
2015

Cynthia Arredondo

My commission Expires

2/13/17

Notary Public



June 25, 2015.

NOTICE

Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking approval to drill the Owl Draw SWD Well No. 1, to be located 2630 feet from the south line and 2640 feet from the east line (the NW/4SE/4) of Section 22, Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico, and dispose of produced water into the Delaware formation at depths of 2,200-5,400 feet subsurface. The expected maximum injection rate is 10,000 BWPD and the maximum injection pressure is 440 psi. If you object to the application you must file a written objection or request for hearing with the Division within 15 days of the date this 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 applicant is Corey Mitchell, Mewbourne Oil Company, Suite 1020, 500 West Texas, Midland, Texas 79701, (432) 682-3715. The well is located approximately 11 miles west-northwest of the intersection of U.S. Highway 285 with the Texas-New Mexico border.

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage)

For delivery information, visit our website at www.usps.com

CARLSBAD, NM 88220

Postage	\$ 43.45
Certified Fee	\$2.60
Return Receipt Fee (Endorsement Required)	\$0.00
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 46.05

USPS SANTIAGO NM 87501
JUN 23 2015
SANTIAGO OFFICE

Sent To: Phillip Stell
Kendra Stell
Street, Apt. No., or PO Box No.: 1305 Janway
City, State, ZIP+4: Carlsbad, NM 88220

PS Form 3800, August 2008 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Phillip Stell</i></p> <p>C. Date of Delivery <i>6-24-15</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Phillip Stell Kendra Stell 1305 Janway Carlsbad, NM 88220</p>	<p>3. Service Type <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7013 3020 0000 4603 9734</p>
<p>PS Form 3811, July 2013 Domestic Return Receipt <i>MOC ONE DRAW SW</i></p>	



C-108 Review Checklist: Received 6/25/2015 Add. Request: 10/01/2015 Reply Date: _____ Suspended: _____ [Ver 15]

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

Well No. 1 Well Name(s): OWI Draw SWD

API: 30-0 15-Pending Spud Date: TBD New or Old: N (UIC Class II Primacy 03/07/1982)

Footages 2630 FSL Lot _____ or Unit J Sec 22 Tsp 26S Rge 27E County Eddy

General Location: 220 miles SW of MHA, A Pool: SWD, Delaware Pool No.: _____

BLM 100K Map: Carlsbad Operator: Mewbourne Oil Co OGRID: 14744 Contact: James Bruce; Attorney

COMPLIANCE RULE 5.9: Total Wells: 906 Inactive: 2 Fincl Assur: X Compl. Order? N IS 5.9 OK? X Date: _____

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 77" -> Surface

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sy or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface		<u>12 3/4 / 9 5/8</u>			
Planned ___ or Existing ___ Interm/Prod		<u>8 3/4 / 7 1/2</u>	<u>5500</u>	<u>250</u>	<u>Surface / Visual</u>
Planned ___ or Existing ___ Interm/Prod				<u>1000</u>	<u>Surface / Visual</u>
Planned ___ or Existing ___ Prod/Liner					
Planned ___ or Existing ___ Liner					
Planned ___ or Existing ___ OH <u>(PERF)</u>		<u>2200 / SY</u>			

Injection Lithostratigraphic Units	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: <u>Litho</u> Struc. Por.	<u>2200</u>	<u>Delaware</u>	<u>2450</u>
Confining Unit: <u>Litho</u> Struc. Por.	<u>5400</u>	<u>DT/SH</u>	<u>5450</u>
Proposed Inj Interval TOP:	<u>2200</u>		
Proposed Inj Interval BOTTOM:	<u>5400</u>		
Confining Unit: <u>Litho</u> Struc. Por.			
Adjacent Unit: <u>Litho</u> Struc. Por.			

Completion/Operation Details:	
Drilled TD <u>5500</u>	PBTD <u>5450</u>
NEW TD _____	NEW PBTD _____
NEW Open Hole <input type="radio"/> or NEW Perfs <input type="radio"/>	
Tubing Size <u>32</u> in. Inter Coated? <u>X</u>	
Proposed Packer Depth <u>2175</u> ft	
Min. Packer Depth <u>2100</u> (100-ft limit)	
Proposed Max. Surface Press. <u>440</u> psi	
Admin. Inj. Press. <u>4400440</u> (0.2 psi per ft)	

AOR: Hydrologic and Geologic Information

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

FRESH WATER: Aquifer Quaternary Max Depth 50 HYDRO AFFIRM STATEMENT By Qualified Person ☒

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

Disposal Fluid: Formation Source(s) Bone Springs / Delaware Analysis? X On Lease ☐ Operator Only ☐ or Commercial ☒

Disposal Int: Inject Rate (Avg/Max BWPD): 5000/1000 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? X Well List? X Total No. Wells Penetrating Interval: 3 Horizontals? 3

Penetrating Wells: No. Active Wells 3 Num Repairs? _____ on which well(s)? _____ Diagrams? X

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

NOTICE: Newspaper Date 6/25 Mineral Owner Mewbourne Surface Owner Phillips and Echols N. Date June 23

RULE 26.7(A): Identified Tracts? X Affected Persons: Mewbourne (Applicant) N. Date N/A

Order Conditions: Issues: Operator injection interval shall be restricted
Add Order Cond: to Brushy Cn, Cherry Cn, & Bell Cn. Operator
shall not inject into ~~the~~ beneath any
approximately 35'.