Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
6/14/2018		WFX	pMAM1817741866

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & 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

Applicant: Rover Operating, LLC **OGRID Number:** 371484
Well Name: High Lonesome Queen Unit No. 3 **API:** 30-015-02736
Pool: High Lonesome Queen Pool **Pool Code:** 30780

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☑ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☑ Offset operators or lease holders
B. ☐ Royalty, overriding royalty owners, revenue owners
C. ☐ Application requires published notice
D. ☐ Notification and/or concurrent approval by SLO
E. ☐ Notification and/or concurrent approval by BLM
F. ☑ Surface owner
G. ☑ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **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
Print or Type Name

James Bruce
Signature

6/15/18
Date

505-982-2043
Phone Number

jamesbruc@aol.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: ____X___Secondary Recovery _____Pressure Maintenance _____Disposal _____Storage
Application qualifies for administrative approval? _____Yes __X____No

II. OPERATOR: Rover Operating, LLC

ADDRESS: 17304 Preston Road, Suite 740, Dallas, TX 75252

CONTACT PARTY: Amanda Barringer PHONE: 469-607-1073

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? __X___Yes _____No
If yes, give the Division order number authorizing the project: R-13864

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: ~~Amanda Barringer~~ James Bruce TITLE: ~~Landman~~ Attorney

SIGNATURE: James Bruce DATE: 6/15/18

E-MAIL ADDRESS: abarringer@roverpetro.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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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.

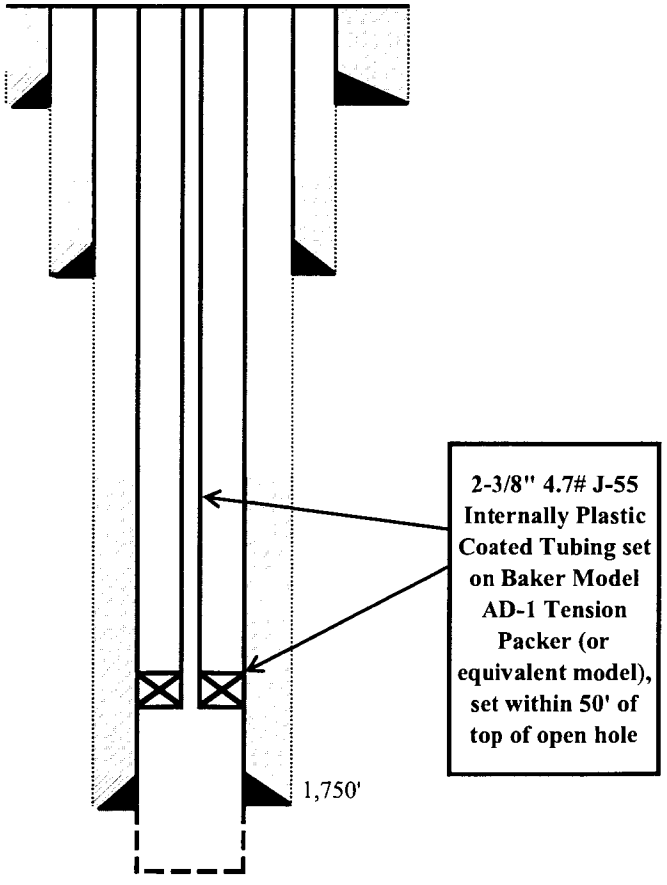
Side 1

OPERATOR: **ROVER OPERATING, LLC**

WELL NAME & NUMBER: **HIGH LONESOME QUEEN UNIT #3**

WELL LOCATION:	**1980' FNL & 660' FWL**	**E**	**16**	**16S**	**29E**
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **12-1/4"** Casing Size: **9-5/8"**

Cemented with: **100** sx. *or* _____ ft^3

Top of Cement: **Surface** Method Determined: **Circulated**

Intermediate Casing

Hole Size: **8-1/2"** Casing Size: **7"**

Cemented with: **15** sx. *or* _____ ft^3

Top of Cement: **278'** Method Determined: **Calc'd (25% SF)**

Production Casing

Hole Size: **6-3/4"** Casing Size: **5-1/2"**

Cemented with: **50** sx. *or* _____ ft^3

Top of Cement: **1032'** Method Determined: **Calc'd (25% SF)**

Total Depth: **1831'**

Injection Inverval

1750' feet to **1831' (OPEN HOLE)**

(Perforated or Open Hole; indicate which) Deepened TD 1/18/56

Side 2

INJECTION WELL DATA SHEET

Tubing Size: **2-3/8"** Lining Material: **IPC-1505**

Type of Packer: **Baker AD-1 (or equivilant)**

Packer Setting Depth: **+/- 1725'**

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

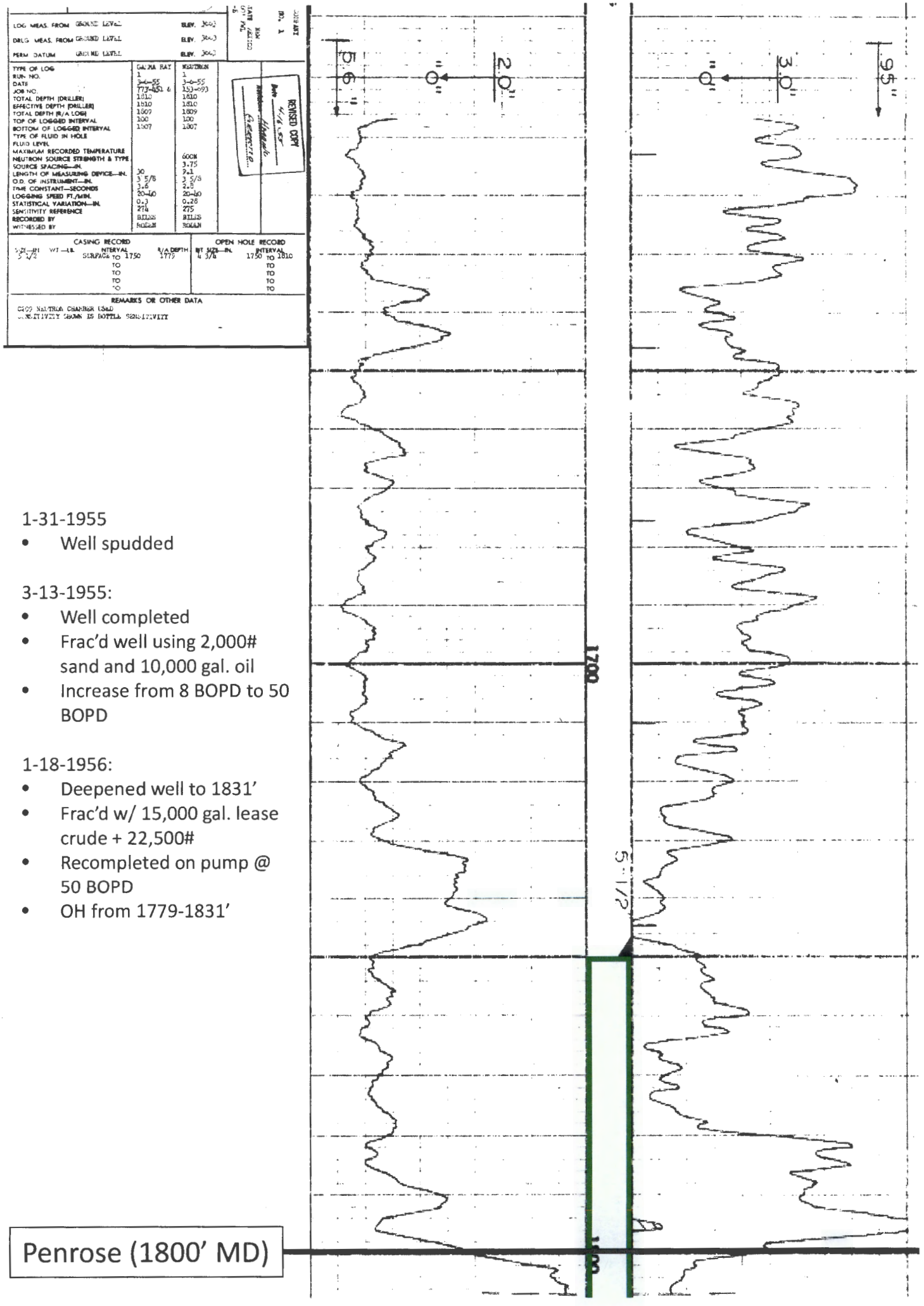
Additional Data

1. Is this a new well drilled for injection? ____ Yes **x** No

   If no, for what purpose was the well originally drilled? **Primary oil production**

2. Name of the Injection Formation: **Penrose Sandstone**
3. Name of Field or Pool (if applicable): **High Lonesome; Queen [30780]**
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. **N/A**

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: **San Andres (1,300' above sea level), Glorieta (200' above sea level), Abo (2,150' below sea level), Wolfcamp (3,450' below sea level)**



1-31-1955

- Well spudded

3-13-1955:

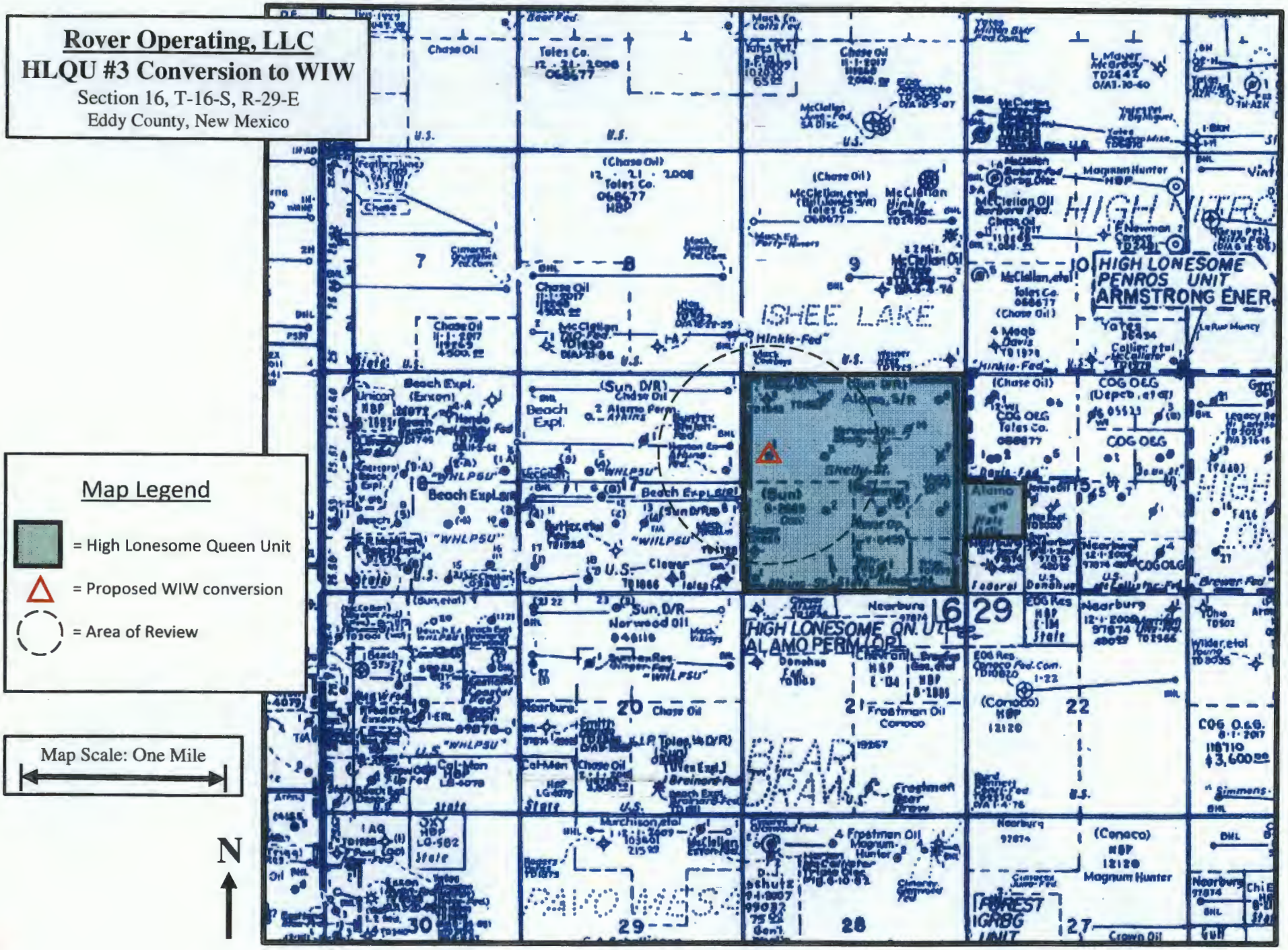
- Well completed
- Frac'd well using 2,000# sand and 10,000 gal. oil
- Increase from 8 BOPD to 50 BOPD

1-18-1956:

- Deepened well to 1831'
- Frac'd w/ 15,000 gal. lease crude + 22,500#
- Recompleted on pump @ 50 BOPD
- OH from 1779-1831'

Penrose (1800' MD)

Rover Operating, LLC
HLQU #3 Conversion to WIW
Section 16, T-16-S, R-29-E
Eddy County, New Mexico



Rover Petroleum, LLC: High Lonesome Queen Unit #3 - Form C-108 Application

VI. Tabulation of Data on All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

No.	Lease Name	Well No.	API No.	Operator	Location			Well Type	Well Status	Spud Date	Total Depth	Surface Casing				
					UL	Sec, Twp, Rge	Footage Calls					Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC
1	HIGH LONESOME QUEEN UNIT	3	30-015-02736	ROVER OPERATING LLC	E	S:16, T:16S, R:29E	1980 FNL, 660 FWL	OIL	PUMPING	12/14/1904	1810'	10-3/4"	9-5/8"	200'	100	SURFACE
2	ATKINS STATE	2	30-015-02740	J.C. CLOWER	M	S:16, T:16S, R:29E	990 FSL, 330 FWL	OIL	P&A	2/11/1905	1869'	0	8-5/8"	476'	MUDDED	PULLED
3	HIGH LONESOME QUEEN UNIT	2	30-015-02741	ROVER OPERATING LLC	K	S:16, T:16S, R:29E	1980 FSL, 1980 FWL	OIL	PUMPING	7/16/1908	3120'	12-1/4"	8-5/8"	395'	200	SURFACE
4	SKELLY-STATE	2	30-015-02742	MOAB DRILLING COMPANY	D	S:16, T:16S, R:29E	660 FNL, 660 FWL	OIL	P&A	4/25/1905	1942'	12-1/4"	8-5/8"	407'	350	SURFACE
5	HIGH LONESOME QUEEN UNIT	4	30-015-02744	ROVER OPERATING LLC	F	S:16, T:16S, R:29E	1980 FNL, 1980 FWL	OIL	PUMPING	2/12/1905	1870'	12-1/4"	7"	351'	350	SURFACE
6	SKELLY-STATE	4	30-015-02745	MOAB DRILLING COMPANY	C	S:16, T:16S, R:29E	660 FNL, 1980 FWL	OIL	P&A	3/4/1905	1890'	12-1/4"	8-5/8"	340'	150	SURFACE
7	SKELLY-STATE	6	30-015-02746	ALAMO PERMIAN RESOURCES LLC	G	S:16, T:16S, R:29E	1980 FNL, 1980 FEL	OIL	P&A	3/7/1905	1893'	12-1/4"	8-5/8"	330'	200	SURFACE
8	SKELLY-STATE	WI25	30-015-02750	JONES BILL OIL COMPANY	F	S:16, T:16S, R:29E	2630 FNL, 2630 FWL	WIW	P&A	4/16/1905	1933'	12-1/4"	8-5/8"	179'	100	SURFACE
9	ATKINS FEDERAL	1	30-015-02751	ROVER OPERATING LLC	H	S:17, T:16S, R:29E	2310 FNL, 330 FEL	OIL	PUMPING	12/29/1904	1825'	N/A	8-5/8"	490'	100	N/A
10	ILES-FEDERAL	6	30-015-02756	BEACH EXPLORATION INCORPORATED	I	S:17, T:16S, R:29E	1980 FSL, 660 FEL	OIL	P&A	12/29/1904	1825'	12-1/4"	8-5/8"	315'	150	SURFACE
11	REDSKINS FEDERAL CO	1	30-015-36511	MACK ENERGY CORPORATION	I	S:17, T:16S, R:29E	2285 FSL, 40 FEL	OIL	PUMPING	1/23/1932	11711'	12-1/4"	8-5/8"	385'	400	SURFACE
12	COWBOYS FEDERAL	1	30-015-36526	MACK ENERGY CORPORATION	A	S:17, T:16S, R:29E	355 FNL, 330 FEL	OIL	PUMPING	4/21/1931	11434'	12-1/4"	8-5/8"	379'	430	SURFACE

VI

Rover Petroleum, LLC: High Lonesome Queen Unit #3 - Form C-108 Application

VI. Tabulation of Data on All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

No.	Lease Name	Well No.	API No.	Operator	Production Casing					Overall Perf Interval	Comments
					Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC		
1	HIGH LONESOME QUEEN UNIT	3	30-015-02736	ROVER OPERATING LLC — Subject Well	6-1/4"	5-1/2"	1750'	50	670'	1750'-1810' (OPEN-HOLE)	IP 03/13/55 - 50 BO, 0 MCF, 0 BW
2	ATKINS STATE	2	30-015-02740	J.C. CLOWER	0	7"	1616'	MUDDED	PULLED	1616'-1869' (OPEN-HOLE)	DRY HOLE
3	HIGH LONESOME QUEEN UNIT	2	30-015-02741	ROVER OPERATING LLC	7-7/8"	4-1/2"	1958'	75	1560'	1849'-59'	PBTD 1958'; IP 4/1/1958 - 15 BO 0 BW
4	SKELLY-STATE	2	30-015-02742	MOAB DRILLING COMPANY	7-7/8"	5-1/2"	1749'	100	1060'	1749'-1942' (OPEN-HOLE)	DRY HOLE
5	HIGH LONESOME QUEEN UNIT	4	30-015-02744	ROVER OPERATING LLC	7-7/8"	5-1/2"	1745'	100	1050'	1745'-1870' (OPEN-HOLE)	IP 06/13/55 - 66 BO 0 BW
6	SKELLY-STATE	4	30-015-02745	MOAB DRILLING COMPANY	7-7/8"	5-1/2"	1782'	100	1090'	1782'-1890' (OPEN-HOLE)	DRY HOLE
7	SKELLY-STATE	6	30-015-02746	ALAMO PERMIAN RESOURCES LLC	7-7/8"	5-1/2"	1800'	100	1110'	1800'-1893' (OPEN-HOLE)	IP 8/27/55 - 50 BO 0 BW
8	SKELLY-STATE	WI25	30-015-02750	JONES BILL OIL COMPANY	6-3/4"	4-1/2"	1933'	270	SURFACE	1858'-1872'	DRILLED AS WATER INJECTION WELL
9	ATKINS FEDERAL	1	30-015-02751	ROVER OPERATING LLC	N/A	5-1/2"	1825'	100	N/A	1774'-1799'	NO DRILLING RECORD, HOLE SIZE, OR TOC AVAILABLE
10	ILES-FEDERAL	6	30-015-02756	BEACH EXPLORATION INCORPORATED	7-7/8"	4-1/2"	1825'	800	SURFACE	1778'-88', 91-93', 1796'-1802'	IP 03/21/57 - 20 BO 0 BW
11	REDSKINS-FEDERAL CO	1	30-015-36511	MACK ENERGY CORPORATION Abo	6-1/8"	4-1/2"	11560'	1325	6306'	7906'-11560'	IP 10/09/09 - 69 BO 475 BW 124 MCF
12	COWBOYS-FEDERAL	1	30-015-36526	MACK ENERGY CORPORATION Abo	6-1/8"	4-1/2"	11235'	1025	SURFACE	7591'-11235'	IP 06/30/09 - 102 BO 418 BW 99 MCF

11 wells AOR

5 Active
6 P&A

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: SKELLY STATE #002 (D&A'd) **ELEVATION, GL:** 3,671 ft

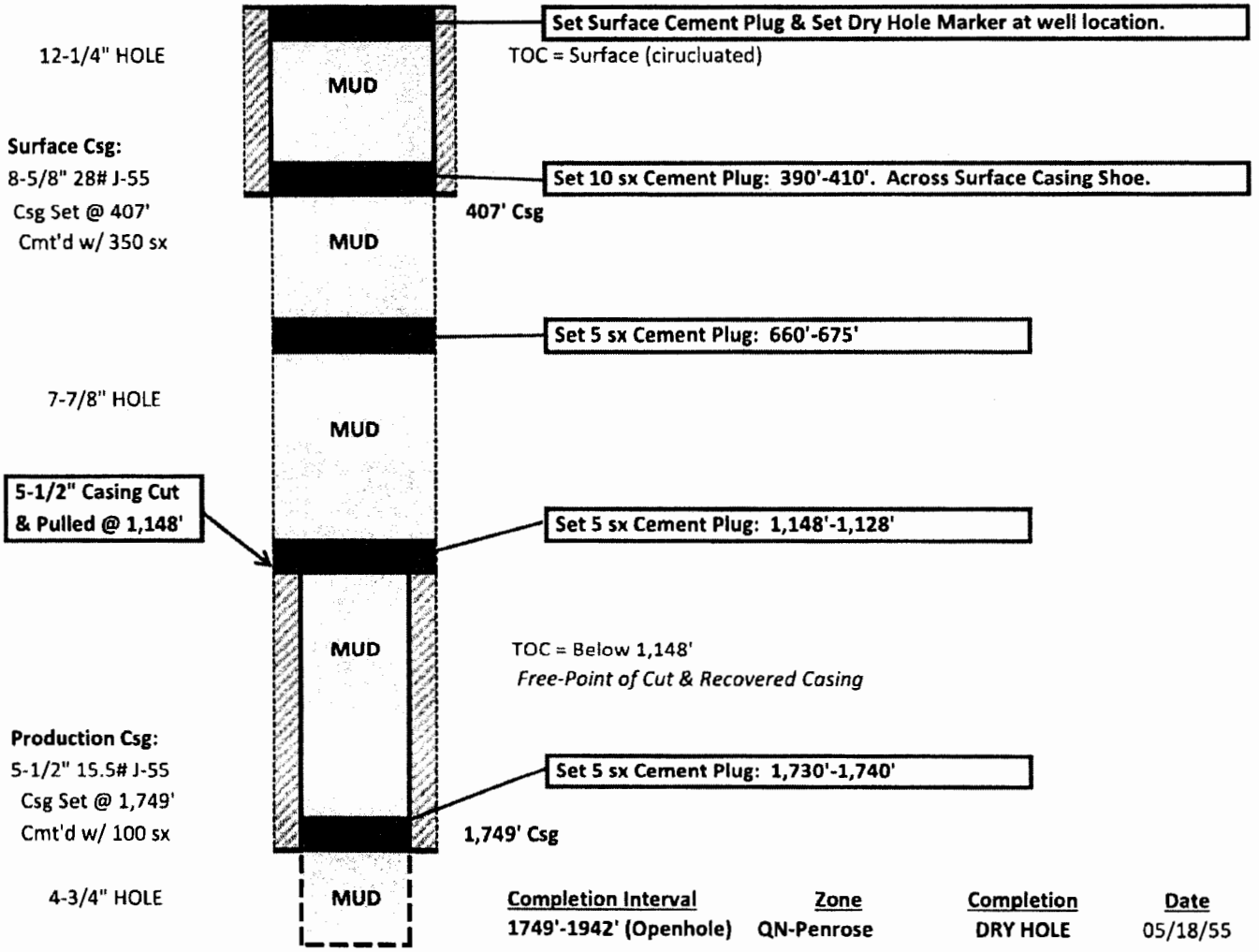
Location: 660' FSL & 660' FWL
UL: D, SEC: 16, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: State E-134 **Spudded:** 3/31/1955

API No. : 30-015-02742 **Drlg Stopped:** 4/13/1955

Completed: 5/18/1955

ROTARY RIG



Completion Interval	Zone	Completion	Date
1749'-1942' (Openhole)	QN-Penrose	DRY HOLE	05/18/55

1,942' PBTD
1,942' TD

Drilled by MOAB DRILLING CO. as the SKELLY-STATE #2 in 1955.
Penrose Sand porosity was found filled with anhydrite & salt - DRY HOLE.
P&A'd by MOAB DRILLING CO. -- May 18, 1955.

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

July 12, 1955 (Date) Artesia, New Mexico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Moab Drilling Company (Company or Operator) Skelly State (Lease)

C.O. Fulton Artesia, New Mexico (Contractor) Well No. 2 in the NW ¼ NW ¼ of Sec. 16,

T. 16 S, R. 29 E, NMPM., Undesignated Pool, Eddy County.

The Dates of this work were as follows: May 16, 17, 18, 1955

Notice of intention to do the work (was) ~~(was not)~~ submitted on Form C-102 on April 14 (Cross out incorrect words), 1955,

and approval of the proposed plan (was) ~~(was not)~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole was loaded with mud. A 5 sack cement plug was dumped from 1730-40'. 5½" casing was shot off at 1148' and pulled. A 20' cement plug was dumped at 1148'. A 5 sack cement plug was dumped at 675'. A 20' cement plug was dumped in and below shoe of 8 5/8" casing from 390'-410'. A steel Pipe was cemented at surface leaving 4' exposed above ground. Work was begun May 16, 1955 and completed May 18, 1955.

Witnessed by L.A. Hanson (Name) Oil Conservation Commission (Company) Oil & Gas Insp. (Title)

Approved: OIL CONSERVATION COMMISSION

L.A. Hanson (Name)

(Title) (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Robert F. Evans

Position Geologist

Representing Moab Drilling Company

Address Box 886 Artesia, New Mexico

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: SKELLY STATE #004 (D&A'd) **ELEVATION, GL:** 3,674 ft

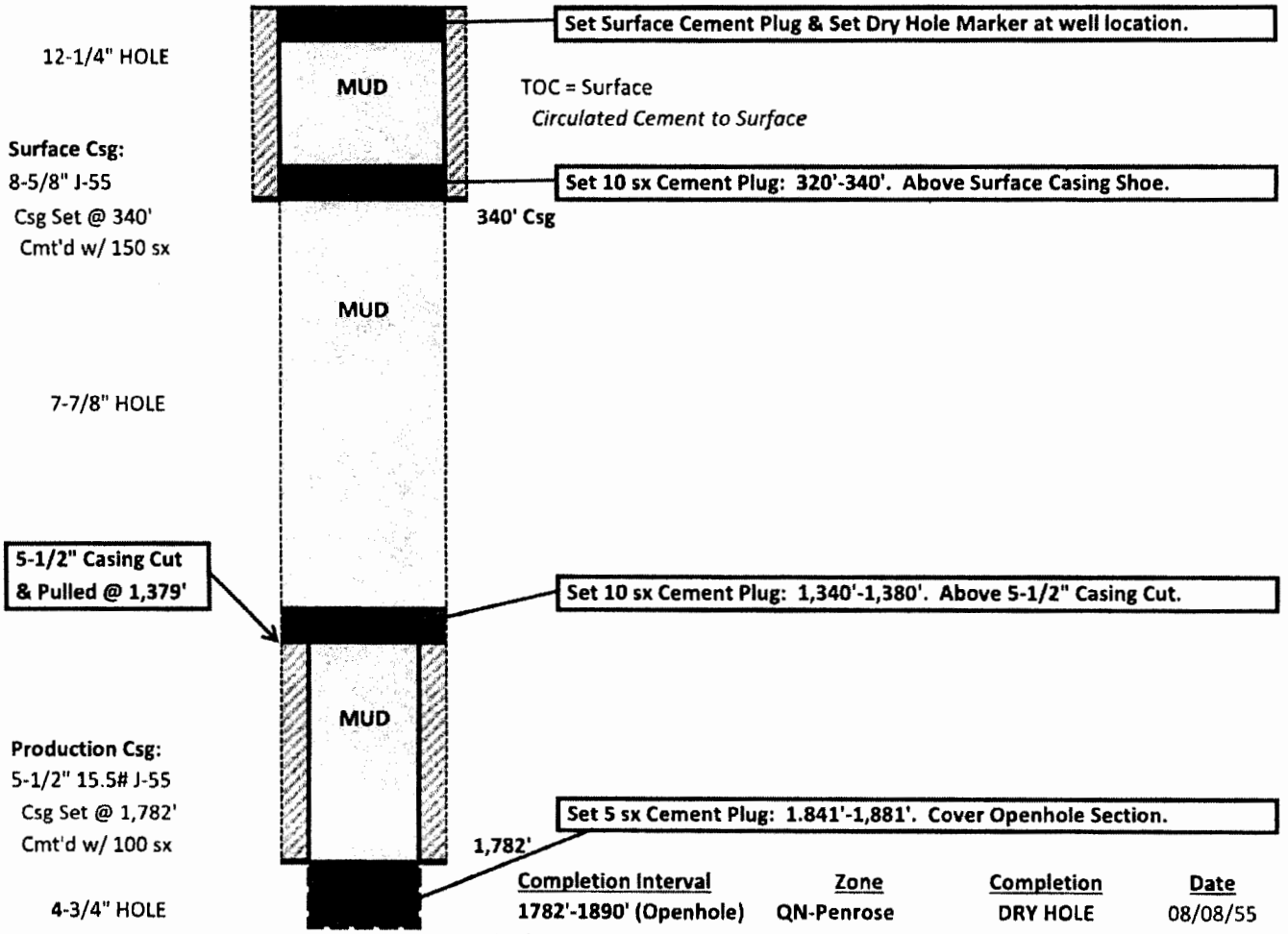
Location: 660' FNL & 1,980' FWL
UL: C, SEC: 10, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: State E-134 **Spudded:** 7/7/1955

API No. : 30-015-02745 **Drlg Stopped:** 7/17/1955

Completed: 8/8/1955

ROTARY RIG



Completion Interval	Zone	Completion	Date
1782'-1890' (Openhole)	QN-Penrose	DRY HOLE	08/08/55

1,890' PBTD
1,890' TD

Drilled by MOAB DRILLING CO. as the SKELLY-STATE #4 in 1955.
Penrose Sand porosity was found filled with anhydrite & salt - DRY HOLE.
P&A'd by MOAB DRILLING CO. -- August 8, 1955.

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

August 12, 1955 (Date) Artesia, New Mexico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Moab Drilling Company (Company or Operator) Skelly - State (Lease)

C. O. Fulton (Contractor), Well No. 4 in the NE ¼ NW ¼ of Sec. 16,

T. 16S., R. 29E., NMPM., High Lonesome Pool, Eddy County.

The Dates of this work were as folows: August 2 - 8, 1955

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on ..... (Cross out incorrect words), 19.....,

and approval of the proposed plan (was) ~~(was not)~~ obtained. Verbal Permission

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spotted a 40' cement plug from 1381' to 1841' and filled hole with mud to 1380'. Shot 5 1/2" casing off at 1379' and put a 40' cement plug from 1380' to 1340'. Filled hole with mud to shoe of surface pipe at 340'. Set a 20' plug below shoe to 320'. Filled hole with mud to surface and a regulation marker with a 5' cement plug.

Witnessed by Tommy Roden (Name) Moab Drilling Co. (Company) Toolpusher (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

..... (Title) ..... (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Robert F. Evans

Position Geologist

Representing Moab Drilling Company

Address Box 886 Artesia, New Mex.

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: SKELLY STATE #006 (P&A'd) **ELEVATION, GL:** 3,682 ft

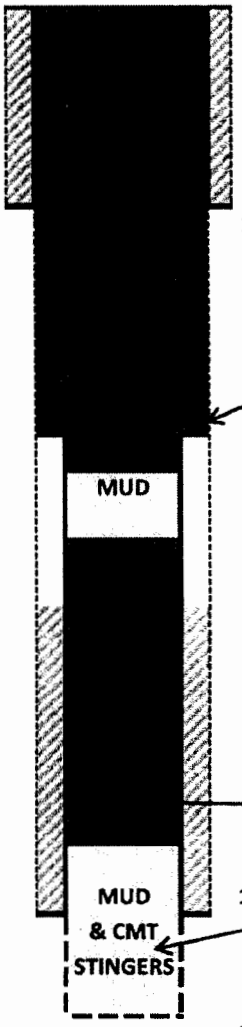
Location: 1,980' FNL & 1,980' FEL
UL: G, SEC: 16, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: State E-134 **Spudded:** 7/26/1955

API No. : 30-015-02746 **Drlg Stopped:** 8/1/1955

Completed: 8/27/1955

ROTARY RIG



Perforated 5-1/2" Casing @ 873' (4 perfs) to circulate cement.
Pumped 295 sx Cement down Casing with no Cement returns on annulus - only water.
Pumped 121 sx Cement down tubing under packer & got Cement Returns on 5-1/2"x8-5/8" annulus. Shut down - WOC.
Filled 5-1/2" Casing with 84.5 sx Cement to Surface.
Set Dry Hole P&A Marker @ surface location - 01/22/2012.

Set CIBP @ 1,735'. Set Cement Plug on top of CIBP: 1,135'-1,735'. Tagged top of cement plug @ 1,135'.

Attempted to set 2 50 sx Cement Plugs in Openhole @ 1,878' without success. Got permission to set CIBP at bottom of Casing.

Completion Interval	Zone	Completion	Date
1803'-1893' (Openhole)	QN-Penrose	Frac: 10,000 gal gel	08/27/55
1,893' PBTD		Oil + 15,000# Sand	
1,893' TD		+ 1,000# Adomite	

Drilled by MOAB DRILLING CO. as the SKELLY-STATE #6 in 1955.
In 2012 - while attempting workover - found well to have a number of casing leaks in the 5-1/2" csg string.
Well was P&A'd by ALAMO PERMIAN RESOURCES, LLC -- January 22, 2012.

Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
October 13, 2009

WELL API NO.
30-015-02746

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-134

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
SKELLY ST

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 6

2. Name of Operator
Alamo Permian Resources, LLC

9. OGRID Number
274841

3. Address of Operator
415 W. Wall Street, Suite 500, Midland, TX 79701

10. Pool name or Wildcat
HIGH LONESOME;QUEEN

4. Well Location
Unit Letter G : 1980 feet from the N line and 1980 feet from the E line
Section 16 Township 16S Range 29E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☒
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

***See Attached**

File Current C103 P&A for final inspection.

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emnrd.state.nm.us/ocd.

RECEIVED
JAN 28 2013
NMOCD ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carie Stoker TITLE **Regulatory Affairs Coordinator** DATE **01/25/2013**

Type or print name **CARIE STOKER** E-mail address: **cstoker@alamoresources.com** PHONE: **432.664.7659**

For State Use Only

APPROVED BY: [signature] TITLE _____ DATE 1/29/2013

Conditions of Approval (if any):

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emnrd.state.nm.us/ocd.

QMW

1/17/13
MIRU Aztec, unhang head. ND pumping T, POOH laying down w/ (71) 5/8 rods, (1) 2' 3/4sub. (1) 12' 1.5 pump w/ 6"gas anchor NU BOP, picked up 1 1/2 joints 2 3/8 tubing tagged bottom. Laid down 1 1/2 joints on ground . POOH w/ 30stands and one single of 2 3/8 tbg into derrick and laid down single strapped pipe @ 1848'. Closed BOP.

1/18/13
Open BOP. Well had 0 psi. RIH w/ 61 joints of 2 3/8 tbg @1878'. Rig up pace setter pumping services, pressured up on lines @ 6000 psi, lines held. Bleed lines down. Pumped 35 bbls f/w well started circulating. Pumped another 10 bbls @ rate of 2.0,= 45bbls. Switched to cement and pumped 12bbls of Class C cement rate @2.0, =50 sx cement, cement plug should have been @1546'. PUH w/ 14 stands into derrick. Revers with 5.8bbls f/w. Moved in Vortec backhoe dig out celler looking for surface casing. Found casing 4' deep there was no flange. 8 5/8 surface casing was cut and open around 4 1/2 casing. RIH w/ 10 stands, should have tagged cement plug. There was no plug. POOH w/ pipe into derrick. Rigged up wireline, RIH w/ collar locator and 2' gun. Tagged bottom @ 1837'. POOH w/ wireline. Closed bop.

1/21/13
Open BOP. Well had 0 psi. RIH w/ 61 joints @1878'. Pumped 35 bbls f/w. Broke circulation. Swithed to cement, pumped 12 bbl cement =50sx. Also pumped 12 1/2 # cello flake, pumped 2%calcuim=100lb. As soon as we stop pumping the well went on a vacume, it took everything left over that was in the tub. POOH into derrick with tubing, MIRU black worrior wireline. RIH w/ 5 1/2 CIBP set plug @ 1750'. POOH with wire line, RIH w/ 59 joints. Tagged CIBP @1735 (according to pipe tally). POOH laying down 34 joints on ground, leaving 14 stands in derrick. Waited 3 hrs, RIH w/ 2' gun tagged cement plug @1123'. PUH to 873' shot perfs=4 holes. POOH w/ wire line, picked up 2 3/8 x 5 1/2 packer. RIH w/ 14 stands @ 840' tried to set packer but wouldn't . PUH laying down 1 joint, set packer @ 815'. Rigged up cement lines. Pumped @ 1.0 rate w/ 160 psi broke circulation w/ 5bbl pumped 15bbl f/w . Rig down cement lines. Unset packer. POOH laying down tbg and packer. Closed BOP. Rigged up cement lines to back side of 5 1/2 casing. Pumped f/w broke circulation w/ 4 bbl rate @ 2.0 psi @ 160. Switched to cement, pumped @ rate of 2.0. Pressure dropped from 160 psi to 11 psi while pumping. Pumped 70bbls = 295 sx cement but never did see any cement on returns (all water).

1/22/13
RIH w/ 28 joints and 2 3/8 x 5 1/2 packer. Set packer . Broke circulation w/ 3 bbl f/w. Swithched to cement, pumped 28.8bbl=121sx. Got cement to surface through 8 5/8 casing. Switched to water, pumped 3.2bbl. Waited 2 hr then unset packer. POOH w/ tubing laying them down. Rigged up cement hose and topped off cement in 5 1/2 casing w/ 20 bbl =84 1/2 sx.

1/25/13
PA marker installed.

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: SKELLY STATE #025 WIW (P&A'd) **ELEVATION, GL:** 3,675 ft

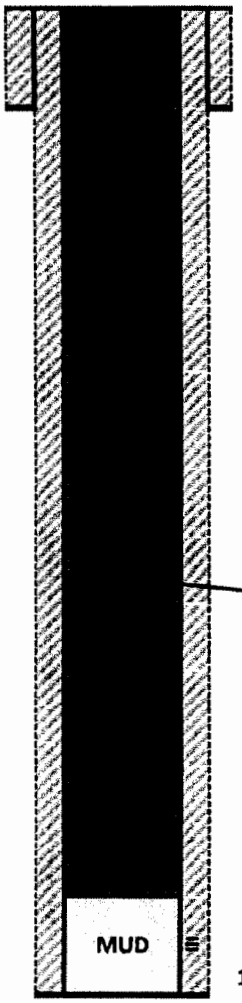
Location: 2,630' FNL & 2,630' FEL
UL: F, SEC: 16, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: State E-134 **Spudded:** 2/21/1959

API No. : 30-015-05900 **Drlg Stopped:** 3/4/1959

Completed: 3/24/1959

ROTARY RIG



12-1/4" HOLE

Surface Csg:
8-5/8" 36#
Csg Set @ 179'
Cmt'd w/ 100 sx

TOC = Surface (circulated)

TOC = Surface (circulated)

6-3/4" HOLE

Ran 2-3/8" Tubing to 1,782'.
Circulated Class C Cement to Surface inside 4-1/2" Casing.
POOH w/Tubing - Filled 4-1/2" Casing with Cement to Surface.
Weld Cap on well - Set Dry Hole P&A Marker at surface location.

Production Csg:
4-1/2" 9.5#
Csg Set @ 1,933'
Cmt'd w/ 270 sx

PERFS (Ft-#):	Zone	Completion	Date
1858'-1872' (14'-56 perfs)	QN-Penrose	Frac: 10,000 gal gel	06/07/57
1,933' Csg		Water + 10,000#	
1,933' PBTD		20/40 Sand	
1,933' TD			

Drilled by MOAB DRILLING CO. as the SKELLY-STATE #25-W in 1957.
Well was Drilled as a WIW for the HIGH LONESOME PENROSE PILOT PROJECT: 1957 - 1959.
Initial Water Injection: March 24, 1959.

P&A'd by NORWOOD OIL COMPANY -- August 23, 1985.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE	✓	
FILE	✓	✓
U.S.G.S.		
LAND OFFICE		
OPERATOR	✓	

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: E-134

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL [ ] GAS WELL [ ] OTHER- Water Injection Well

7. Unit Agreement Name:

2. Name of Operator: Norwood Oil Company

8. Farm or Lease Name: Skelly State

3. Address of Operator: P.O. Drawer 1029, Malakoff, Tx. 75148

9. Well No.: 25

4. Location of Well: UNIT LETTER F, 2630 FEET FROM THE N LINE AND 2630 FEET FROM THE W LINE, SECTION 16 TOWNSHIP 16-S RANGE 29-E NMPM.

10. Field and Pool, or Wildcat: High Lonesome Queen

15. Elevation (Show whether DF, RT, GR, etc.): 3682 DF

12. County: Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [X]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER [ ]		OTHER [ ]	

17. Describe Proposed or Completed Operations (*Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work*) SEE RULE 1103.

Ran 2 3/8" tubing to 1782' G.L. circulated class C cement to surface. Pulled tubing, filled well with cement. Welded cap and marker on well. P&A, August 23, 1985.

Post ID-2
10-25-85
P+A

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Bob Reid Norwood TITLE President DATE October 8, 1985

APPROVED BY Darrell Moore TITLE Geologist DATE 12/29/86

CONDITIONS OF APPROVAL, IF ANY:

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: ILES FEDERAL #006 (P&A'd) **ELEVATION, GL:** 3,648 ft

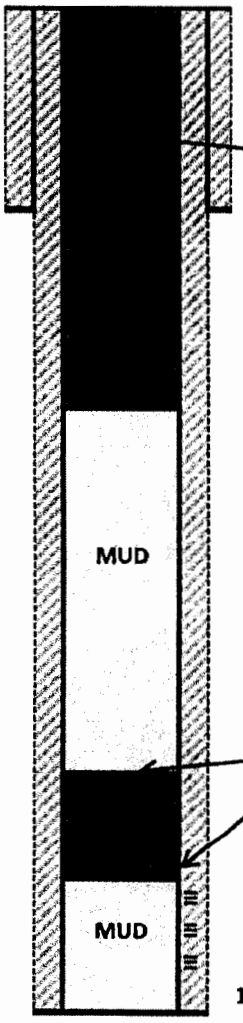
Location: 1,980' FSL & 660' FEL
UL: I, SEC: 17, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: Federal LC-046119-A **Spudded:** 3/13/1957

API No. : 30-015-02756 **Drlg Stopped:** 3/29/1957

Completed: 3/31/1957

CABLE TOOLS



10" HOLE

TOC = Surface (circulated)

Surface Csg:
8-5/8"
Csg Set @ 315'
Cmt'd w/ 750 sx

Set 60 sx Cement Plug from 0'-750. Set P&A Surface Marker.

TOC = Surface (circulated)

MUD

6-1/2" HOLE

Set 4-1/2" CIBP at 1,750' & Set 35' Cement Plug on top of CIBP

PERFS:	Zone	Completion	Date
1778'-1788'	QN-Penrose	ALL ZONES:	03/31/57
1791'-1793'	QN-Penrose	Frac - 15,000 gal	
1796'-1802'	QN-Penrose	Gel Oil + 15,000# Sd	

Production Csg:
4-1/2"
Csg Set @ 1,825'
Cmt'd w/ 800 sx

MUD

1,825' Csg
1,825' PBTD
1,825' TD

Drilled by CHARLES A. STEEN as the ILES-FEDERAL #6 in 1957.

P&A'd by BEACH EXPLORATION, INC. -- 04/13/2009.

OCD-ARTESIA

RM

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 28 2009

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5 Lease Serial No.
NMLC046119A

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8 Well Name and No.
Iles Federal #6

2. Name of Operator **Beach Exploration, Inc. Attn: Jack M. Rose**

9 API Well No.
30-015-02756

3a Address
600 North Marienfeld, Suite 200, Midland, TX 79701

3b Phone No. *(include area code)*
432-683-6226

10. Field and Pool, or Exploratory Area
High Lonesome (Queen)

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Unit Letter "I", 660' FEL & 1980' FSL, Section 17, T-16-S, R-29-E

11. County or Parish, State
Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED PLUGGED WELLBORE DIAGRAM

04/10/09
Contacted Daryll Carter w/ BLM @ 11:00 am

04/13/09
MIRU coiled tubing unit and plugging equipment.
RIH w/ wireline and set CIBP @ 1,750'.
RIH w/ tbg and circulated hole w/ 30 bbls of plugging mud. Pumped 25 sx C cmt 1,750 - 1,381'.
PUH w/ tbg to 750', loaded hole, pumped 60 sx C cmt 750' to surface.
POOH w/ tbg, top off wellbore w/ cmt, RDMO.

Approved as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

APPROVED
APR 24 2009
JAMES A. AMOS
SUPERVISOR-EPS

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Chris Blanton** Title **Engineering Technician, Basic Energy Services**

Signature Chris Blanton Date **04/13/2009**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

4/29/09

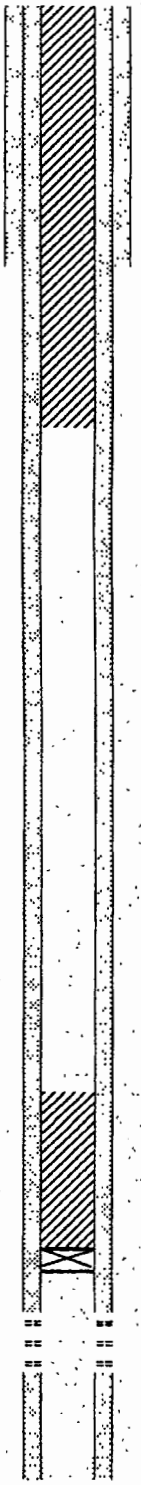
ENTERED 5-1-09

PLUGGED WELLBORE SKETCH
Beach Exploration Inc.

Date: 4/14/2009

RKB @ 3,657
GL @ 3,648

Lease & Well No	Iles Federal #1
Legal Description	Unit I, Sec 17, T-16-S, R-29-E, 1980 FSL & 660 FEL
NM Lease	NMLC046119A
County	Eddy State New Mexico
Field	High Lonesome (Queen)
Date Spudded	3/13/1957
API Number	30-015-02756
Status	Plugged 04/13/09



12-1/4" Hole
8-5/8" 28#, H-40 ST&C @ 315'
Cmt 150 sx, circulated to surface
TOC @ Surface

Pumped 60 sx C cmt, 750' to surface

Plugs set 04/13/09

1 Set CIBP @ 1,750',
2 Circulated plugging mud
3 Pumped 25 sx C cmt 1,750 - 1,381'
4 Pumped 80 sx C cmt, 750' to surface
5 Topped off wellbore w/ cmt

Pumped 25 sx C cmt 1,750 - 1,381'
Set CIBP @ 1,750',

Penrose Perfs
1,778 - 1,778
1,791 - 1,793
1,796 - 1,802

7-7/8" Hole
4-1/2" 9 5# BCW Csg @ 1,825'
Cmt'd w/ 800 sx, circulated to surface
TOC @ Surface

PBTD 1,810
TD 1,825

Chris Blanton
4/14/2009

ROVER PETROLEUM, LLC

PLUGGED & ABANDONED WELLBORE DIAGRAM

Lease &Well No.: J.C. CLOWER - ATKINS STATE #002 (P&A'd) **ELEVATION, GL:** 3,654 ft

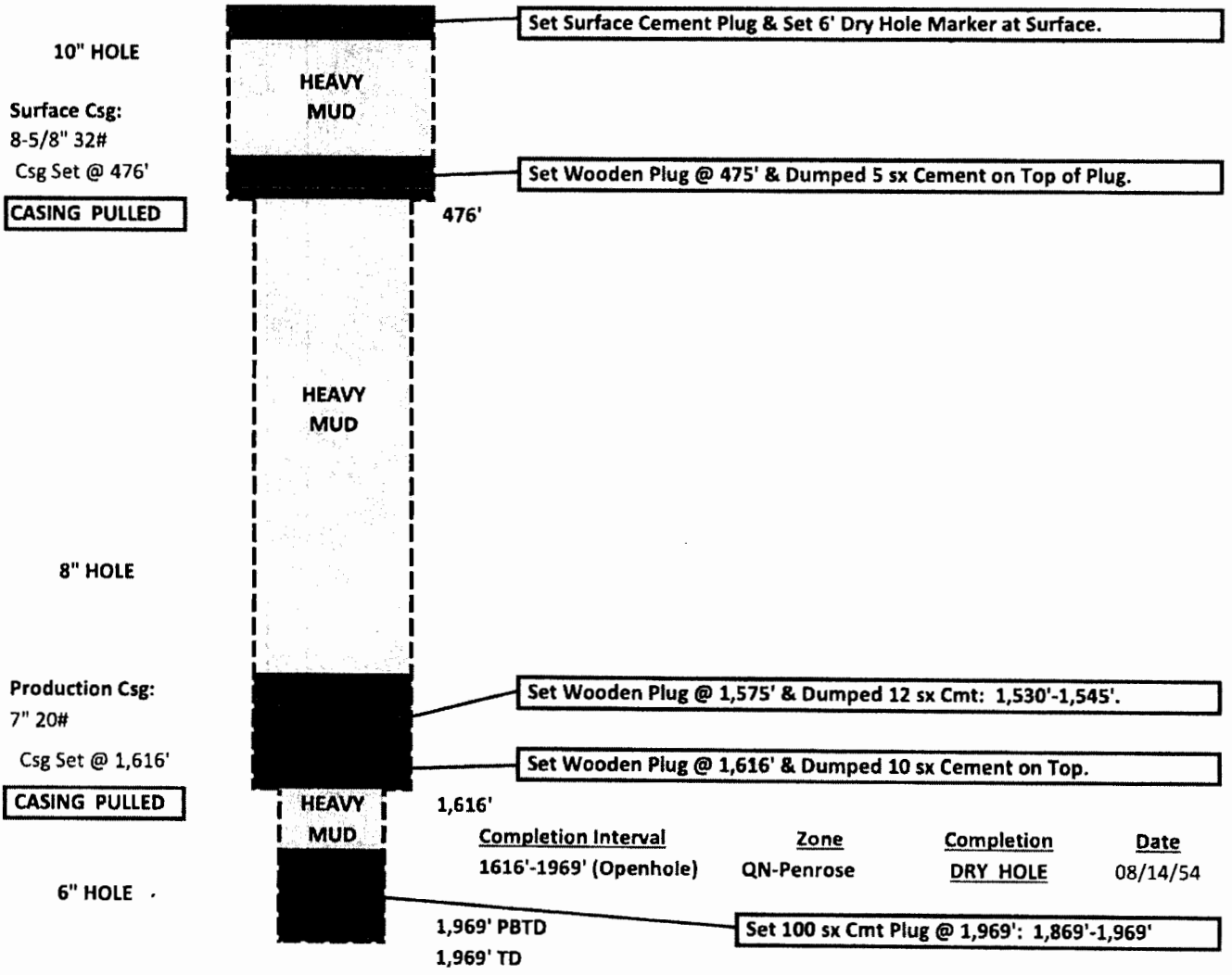
Location: 990' FSL & 330' FWL
UL: M, SEC: 16, T: 16-S, R:29-E **FIELD:** HIGH LONESOME - QUEEN
EDDY County, NM

LEASE No.: State B-2885 **Spudded:** 7/30/1954

API No. : 30-015-02740 **Drlg Stopped:** 8/14/1954

Completed: 8/14/1954

CABLE TOOLS



Completion Interval	Zone	Completion	Date
1616'-1969' (Openhole)	QN-Penrose	DRY HOLE	08/14/54

Drilled by J.C. CLOWER as the ATKINS-STATE #2 in 1954.
DRY HOLE --- P&A'd after initial tests in Openhole Section 1616'-1969'.

P&A'd by J.C. CLOWER in August, 1954.

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
AUG 23 1954
Oil Cons. Comm.
Artesia

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

Aug. 17, 1954 (Date) Eunice, N.Mex. (Place)

Following is a report on the work done and the results obtained under tne heading noted above at the

J.C.Clower (Company or Operator) Atkins State (Lease)

J.C.Clower (Contractor), Well No. 2 in the S W ¼ S W ¼ of Sec. 16,

T. 16 S, R. 29 E, NMPM., High Lonesome Pool, Eddy County.

The Dates of this work were as folows: Aug. 15, 16, 1954

Notice of intention to do the work (~~was~~) (~~was not~~) submitted on Form C-102 on Verbal permission Aug. 14 54 (Cross out incorrect words), 19....,

and approval of the proposed plan (was) (~~was not~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well started July 30, 1954 T.D. Aug. 14, 54. Drilled to 1869 dry.
8 5/8 pipe set at 476 ft. 7 O.D. pipe set at 1816 ft. through the red sand water which was drilled from 1562 ft. to 1660 ft. filled
15 sacks cement was used for bottom plug, hole was then to bottom of 7 O.D. with mud. 7 O.D. pipe was then pulled. Wood plug was set in reduced hole at 1816 ft. 10 sacks cement was dumped on this plug. Wood plug was set at 1575 ft. 12 sacks cement was dumped on this plug.
8 5/8 pipe was then pulled, Wood plug was set at 475 ft. 5 sacks cement was dumped on this plug, hole was filled with mud, 6 inch pipe was cemented in top for marker.
This well was drilled with cable tools.

Witnessed by M. E. Hancock (Name) J.C.Clower (Company) Driller (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

(Title) (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Jack R. Whitaker

Position Supt.

Representing J.C.Clower

Address Box 380 Eunice, N.Mex.

VII). Attach data on the proposed operation, including:

1) **Proposed average and maximum daily rate and volume of fluids to be injected**

Rover Petroleum proposes average and maximum daily rates and volumes of water injection into the High Lonesome Queen #3 water injection well of:

- Average: 150 BWPD ("barrels of water per day per well")
- Maximum: 200 BWPD

2) **Whether the system is open or closed**

The High Lonesome Queen unit waterflood station will be a closed system. Plans are to comingle produced water and make-up water at the current "High Lonesome Queen Unit S Battery".

3) **Proposed average and maximum injection pressure**

Rover Petroleum, LLC, proposes average and maximum injection pressures for the High Lonesome Queen Unit water injection well of:

- Average: 900 psig
- Maximum: 1100 psig

4) **Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water**

Rover Petroleum, LLC, is actively engaging in conversations with offset operators to find make-up water compatible with water found in the Penrose sandstone. In the meantime, make-up water will be trucked to the High Lonesome Queen Unit injection facility (currently called the "High Lonesome Queen Unit S Battery" from several leases operated by Rover Petroleum. See the attached list of leases of which water will be obtained, along with water analysis and compatibility test results from each lease's produced water and the produced water from the High Lonesome Queen Unit. Rover Petroleum's chemical company will be treating the water at the comingle point of the injection site.

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.)**

The High Lonesome Queen Unit #3 water injection well covered by this application is to be used for Secondary Recovery and not for disposal purposes. This requirement does not apply to this application.

IX). Describe the proposed stimulation program, if any.

The High Lonesome Queen Unit #3 water injection well will be acidized in the open-hole portion of the wellbore (1750'-1810') with 4500 gal 15% NEFE HCl (75 gal/ft). After the load has been flowed or swabbed back, a step-rate test will be performed to determine if a gelled water fracture stimulation is needed to increase injectivity. If it is determined that a fracture treatment is needed, the fracture stimulation will be a gelled-water frac job with approximately 30,000-40,000# of 20/40 frac sand.

NMOCD Form C-108 – Sec. VIII: Geologic Summary

High Lonesome Queen Unit #3

Sec. 16, Twp 16-S, Rge 29-E, Eddy County, NM
1980 FNL, 660 FWL

The High Lonesome Queen Unit produces hydrocarbons from the Penrose sandstone of the Permian-age (Guadalupian) Queen Formation. The arkosic Penrose sandstone is about 30 feet-thick and is situated about 250' above the base of the Queen Formation.

The High Lonesome Queen Unit is part of a continuous east-west trend of Penrose production that is at least 8 miles long. The productive trend is about 1 mile wide and is a large stratigraphic trap. Clean and porous hydrocarbon-producing sandstone is bounded to the north by an anhydrite-plugged and salt-plugged sandstone facies with poor permeability. South of the reservoir sandstone the rock quality degrades into shaly sandstone with poor permeability. The entire depositional system is interpreted to represent a high-energy beach or barrier bar (the reservoir), flanked by a periodically-exposed evaporitic tidal flat depositionally up-dip and poorly winnowed shaly sand accumulating in a low energy shallow marine environment depositionally down-dip.

In the area of the High Lonesome Queen Unit the top of the Penrose sandstone is at an average drill depth of 1,850 feet (+1,830'). The interval has a gross thickness of about 30 feet. In the Penrose interval, usually about 10-15 feet of the gross 30 feet of interval develops the threshold porosity of 8% required for economic reservoir permeability. The reservoir sandstone is fine grained and reaches an average porosity of about 11%. Structure mapping indicates that the reservoir dips gently from northwest to southeast across the unit, losing about 135 feet of subsea elevation. The Penrose reservoir sandstone is directly both underlain and overlain by layers of low porosity anhydritic dolostone. These low permeability upper and lower bounding layers, combined with the northern evaporate-plugged reservoir boundary, should serve to strongly contain secondary reservoir energy introduced by means of water-injection.

Injection Fluid:

Rover Operating will inject water from the following leases, all of which are operated by Rover. Water analysis and compatibility check for the water from each lease with the Penrose water produced at the High Lonesome Queen Unit follow this page.

Lease	Pool	Producing Formation(s)
Featherstone Federal	Square Lake	Grayburg-San Andres
Green Federal	Artesia	Queen-Grayburg-San Andres
Federal S	Grayburg Jackson	Seven Rivers-Queen-Grayburg-San Andres
Federal X	Grayburg Jackson	Seven Rivers-Queen-Grayburg-San Andres
Cedar Lake	Grayburg Jackson	Seven Rivers-Queen-Grayburg-San Andres
State BK	Grayburg Jackson	Seven Rivers-Queen-Grayburg-San Andres

ENDURA PRODUCTS CORP.

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201800

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	Federal S/Battery
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/09/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	3051
Iron (as Fe)	0
Sodium (as Na)	20600
Magnesium (as Mg)	981

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	55950
Sulfate (as SO4)	2800
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	683
Sulfide (as S2-)	40

Other Measurements

Measurement	Value
pH	7.41
SG	1.0584
Turbidity	729
CO_2	
Total Dissolved Solids	84105.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	0.8828	0.0000	0.0000	-28.9371
120	1.4839	0.0000	0.0000	-29.1710
160	2.1526	0.0000	0.0000	-29.3821
200	2.8482	0.0000	0.0000	-29.5612
250	3.5771	0.0000	0.0000	-29.6561

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

ENDURA PRODUCTS CORP.

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201846

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	High Lonesome Queen A/Battery
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/09/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	2204
Iron (as Fe)	0
Sodium (as Na)	78860
Magnesium (as Mg)	3840

Other Measurements

Measurement	Value
pH	6.72
SG	1.2081
Turbidity	276
CO_2	
Total Dissolved Solids	286372.000

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	198100
Sulfate (as SO4)	3100
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	268
Sulfide (as S2-)	0

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	9.8652	0.0000	0.0000	-29.2738
120	10.9222	0.0000	0.0000	-29.4784
160	5.7649	0.0000	0.0000	-29.7082
200	5.7728	0.0000	0.0000	-29.9584
250	6.0912	0.0000	0.0000	-30.2296

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

ENDURA PRODUCTS CORP.

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201847

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	High Lonesome Queen/Battery
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/09/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	2066
Iron (as Fe)	579
Sodium (as Na)	68240
Magnesium (as Mg)	5002

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	201850
Sulfate (as SO4)	2050
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	98
Sulfide (as S2-)	0

Other Measurements

Measurement	Value
pH	5.54
SG	1.1978
Turbidity	288
CO_2	
Total Dissolved Solids	279885.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	6.5348	0.0049	-0.0227	-29.2775
120	7.6034	0.0039	-0.0183	-29.4818
160	3.4446	0.0036	-0.0166	-29.7116
200	3.6706	0.0030	-0.0138	-29.9621
250	4.0507	0.0021	-0.0096	-30.2343

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

ENDURA PRODUCTS CORP

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201847

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	High Lonesome Queen/Battery
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/11/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	2165
Iron (as Fe)	166
Sodium (as Na)	75823
Magnesium (as Mg)	4172

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	199173
Sulfate (as SO4)	2800
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	219
Sulfide (as S2-)	0

Other Measurements

Measurement	Value
pH	6.38
SG	1.2052
Turbidity	279
CO_2	
Total Dissolved Solids	284518.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	8.9305	0.0003	-0.0076	-29.2748
120	9.9884	0.0002	-0.0062	-29.4794
160	5.1295	0.0002	-0.0056	-29.7092
200	5.2037	0.0002	-0.0046	-29.9594
250	5.5409	0.0001	-0.0032	-30.2309

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

Comingle: High Lonesome Queen A Battery and High Lonesome Queen Battery

ENDURA PRODUCTS CORP.

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201847

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	High Lonesome Queen/Battery
County:	Eddy	**Sample Point:**	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/11/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	2244
Iron (as Fe)	1
Sodium (as Na)	42302
Magnesium (as Mg)	1948

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	101785
Sulfate (as SO4)	3360
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	556
Sulfide (as S2-)	9

Other Measurements

Measurement	Value
pH	6.86
SG	1.0677
Turbidity	294
CO_2	
Total Dissolved Solids	152205.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	0.2159	0.0000	-0.0000	-29.0950
120	0.7759	0.0000	-0.0000	-29.3228
160	1.6537	0.0000	-0.0000	-29.5476
200	2.3551	0.0000	-0.0000	-29.7612
250	2.9818	0.0000	-0.0000	-29.9303

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

Comingle: Green Fed #3, Fed S Battery, Fed X Battery, State BK Battery, High Lonesome Queen A Battery and High Lonesome Queen Battery

ENDURA PRODUCTS CORP.

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201821

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	State BK/T/B
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/11/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	2371
Iron (as Fe)	1
Sodium (as Na)	39587
Magnesium (as Mg)	1797

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	94152
Sulfate (as SO4)	3575
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	624
Sulfide (as S2-)	11

Other Measurements

Measurement	Value
pH	7.25
SG	1.106
Turbidity	312
CO_2	
Total Dissolved Solids	142118.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	0.7000	0.0000	-0.0000	-29.0777
120	1.2496	0.0000	-0.0000	-29.3067
160	2.0783	0.0000	-0.0000	-29.5302
200	2.7534	0.0000	-0.0000	-29.7400
250	3.3915	0.0000	-0.0000	-29.9001

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

Comingle: Green Fed #3, Fed S Battery, Fed X Battery and State BK Battery

ENDURA PRODUCTS CORP

P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 201821

Client Information		Sample Information	
Rover Operating		**Lease/Well:**	State BK/T/B
County:	Eddy		
		Sample Point:	
		Date Sampled:	12/06/2017
Rep:	Derrick Boutwell	**Date Reported:**	12/09/2017

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	1806
Iron (as Fe)	0
Sodium (as Na)	35890
Magnesium (as Mg)	2267

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	91800
Sulfate (as SO4)	4700
Carbonate (as CO3)	0
Bicarbonates (as HCO3)	561
Sulfide (as S2-)	0

Other Measurements

Measurement	Value
pH	7.28
SG	1.1094
Turbidity	129
CO_2	
Total Dissolved Solids	137024.000

Scaling Indices

Temp(F)	$CaCO_3$	$CaSO_4*2H_2O$	$CaSO_4$	$BaSO_4$
80	0.5661	0.0000	0.0000	-29.0731
120	1.1135	0.0000	0.0000	-29.3024
160	1.9179	0.0000	0.0000	-29.5256
200	2.5834	0.0000	0.0000	-29.7342
250	3.2278	0.0000	0.0000	-29.8916

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

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.

Rover Petroleum, LLC,* has investigated the area within a one-mile radius of the proposed High Lonesome Queen Unit #3 water injection well and has determined there to be no fresh water wells currently producing within the area.

* affirmed by Brady Wilton, Rover Operating LLC

7/27/2018

Offset Operators

All of Section 8
Mack Energy Corp.
P.O. Box 960
Artesia, New Mexico 88211

All of Section 9
Mack Energy Corp.

All of Section 16
Rover Operating, LLC

N/2 of Section 17
Mack Energy Corp.

S/2 of Section 17
Mack Energy Corp.

Beach Exploration, Inc.
Suite 200
800 North Marienfeld
Midland, Texas 79701

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 15, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Rover Operating, LLC has filed an application with the New Mexico Oil Conservation Division seeking approval to convert the High Lonesome Queen Unit Well No. 3 to water injection, to be used for secondary recovery operations. The well is located in the SW¼NW¼ of Section 16, Township 16 South, Range 29 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 no later than 15 days from the date of this letter (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

James Bruce

Attorney for Rover Operating, LLC

Exhibit A

Surface Owner

Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Operators

Mack Energy Corp.
P.O. Box 960
Artesia, New Mexico 88211

Beach Exploration, Inc.
Suite 200
800 North Marienfeld
Midland, Texas 79701

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)
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Very truly yours,

James Bruce

James Bruce

Attorney for Rover Operating, LLC

Exhibit A

Surface Owner

Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Operators

Mack Energy Corp.
P.O. Box 960
Artesia, New Mexico 88211

Beach Exploration, Inc.
Suite 200
800 North Marienfeld
Midland, Texas 79701

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- 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.

1. Article Addressed to:

Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

9590 9402 3866 8060 2721 50

2. Article Number (Transfer from service label)
7017 2680 0000 1763 6752

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

(over $500)

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 2680 0000 1763 6769

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.
ARTESIA, NM 88211

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$5.50

USPS SANTA FE NM 87501 19
JUN 19 2018
Postmark Here
SANTA FE MAIN 06/15/2018

Sent To: Mack Energy Corp.
Street and Apt. No., or PO Box No.: P.O. Box 960
City, State, ZIP+4®: Artesia, New Mexico 88211

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2680 0000 1763 6752

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.
SANTA FE, NM 87501

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$5.50

USPS SANTA FE NM 87501 19
JUN 19 2018
Postmark Here
SANTA FE MAIN 06/15/2018

Sent To: Commissioner of Public Lands
Street and Apt. No., or PO Box No.: 310 Old Santa Fe Trail
City, State, ZIP+4®: Santa Fe, New Mexico 87501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- 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.

1. Article Addressed to:

Mack Energy Corp.
P.O. Box 960
Artesia, New Mexico 88211

9590 9402 3866 8060 2721 43

2. Article Number (Transfer from service label)
7017 2680 0000 1763 6769

COMPLETE THIS SECTION ON DELIVERY

A. Signature
Kathy Beauregard ☐ Agent ☐ Addressee

B. Received by (Printed Name)
KATHY BEAUREGARD | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

(over $500)

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- 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.

1. Article Addressed to:

Beach Exploration, Inc.
Suite 200
800 North Marienfeld
Midland, Texas 79701

9590 9402 3866 8060 2721 36

2. Article Number *(Transfer from service label)*
7017 2680 0000 1763 6776

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Linda Walling ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

lestricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Rover Domestic Return Receipt

7017 2680 0000 1763 6776

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.
MIDLAND, TX 79701

Certified Mail Fee	$3.45
$	$2.75
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
$	
Total Postage and Fees	$8.25
$	

USPS SANTA FE NM 87504 14
Postmark Here
JUN 15 2018
SANTA FE
06/15/2018

Sent To Beach Exploration, Inc.
Street and Apt. No., or PO Box No. Suite 200
800 North Marienfeld
City, State, ZIP+4® Midland, Texas 79701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

USPS Tracking®

FAQs > (http://faq.usps.com/?articleId=220900)

Track Another Package +

Tracking Number: 70172680000017636752

Remove ×

Your item has been delivered and is available at a PO Box at 7:40 am on June 20, 2018 in SANTA FE, NM 87501.

Delivered

June 20, 2018 at 7:40 am
Delivered, PO Box
SANTA FE, NM 87501

Get Updates ∨

Text & Email Updates ∨

Tracking History ∨

Product Information ∨

See Less ∧

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (http://faq.usps.com/?articleId=220900)

USPS Tracking®

FAQs > (http://faq.usps.com/?articleId=220900)

Track Another Package +

Remove ×

Tracking Number: 70172680000017636769

Expected Delivery by

MONDAY

18 JUNE 2018 ⓘ by **8:00pm** ⓘ

Delivered

June 18, 2018 at 10:53 am
Delivered
ARTESIA, NM 88210

Get Updates ⌄

Text & Email Updates ⌄

Tracking History ⌄

Product Information ⌄

See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS Tracking®

FAQs > (http://faq.usps.com/?articleId=220900)

Track Another Package +

Tracking Number: 70172680000017636776

Remove ×

Expected Delivery by

MONDAY

18 JUNE 2018 ⓘ by **8:00pm** ⓘ

Delivery Attempt

June 18, 2018 at 5:36 pm
Delivery Attempted - No Access to Delivery Location
MIDLAND, TX 79701

Get Updates ∨

Text & Email Updates ∨

Tracking History ∨

Product Information ∨

See Less ∧

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

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AFFIDAVIT OF PUBLICATION

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JAMES BRUCE ATTORNEY AT LAW
PO BOX 1056

SANTA FE NM 87504

I, a legal clerk 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:

06/20/18

Dana Kanitz
Legal Clerk

Subscribed and sworn before me this
20th of June 2018.

State of WI, County of Brown
NOTARY PUBLIC

12-2021
My Commission Expires

MELISSA ROME NOTARY PUBLIC STATE OF WISCONSIN

NOTICE

Rover Operating, LLC has filed an application with the New Mexico Oil Conservation Division seeking approval to re-enter the High Lonesome Queen Unit Well No. 3, located 1980 feet from the north line and 660 feet from the west line (the SW/4NW/4) of Section 16, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico, and convert it to a water injection well for secondary recovery purposes. Injection will be into the Queen formation at depths of 1750-1831 feet subsurface. The expected maximum injection rate is 200 BWPD, and the requested maximum injection pressure is 1100 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 application at a later date. The name and address of the contact party for applicant is Amanda Barringer, Rover Operating, LLC, Suite 740, 17304 Preston Road, Dallas, Texas 75252, (469)-607-1073. The well is located approximately 9-1/2 miles northwest of Loco Hills, New Mexico.
Pub: June 20, 2018 #1251576

Ad#:0001251576
P O : 0001251576
# of Affidavits :0.00

FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V16.2]

DATE RECORD: First Rec: 6/14/18 **Admin Complete:** 7/5/18 **or Suspended:** 6/26/18 Add. Request/Reply: ____

ORDER TYPE: WFX / PMX / SWD Number: 983 Order Date: 7/27/18 Legacy Permits/Orders: R-13684

Well No. 3 Well Name(s): High Lonesome Queen Unit

API : 30-0 15-02736 Spud Date: 1/31/1955 New or Old (EPA): Old (*UIC Class II Primacy 03/07/1982*)

Footages 1890' FNL / 660' FWL Lot — or Unit E Sec 16 Tsp 16S Rge 29E County Eddy

General Location: ~19.5mi NE of Artesia Pool: High Lonsome / Queen Pool No.: 30780

BLM 100K Map: Artesia Operator: Rover Operating LLC OGRID: 371484 Contact: J. Bruce

COMPLIANCE RULE 5.9: Total Wells: 321 Inactive: 3 Fincl Assur: Yes Compl. Order? No **IS 5.9 OK?** Yes **Date:** 7/27/18

WELL FILE REVIEWED ✓ Current Status: active producer; part of WF project

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

Planned Rehab Work to Well: No change to well completion; well stimulated with frac sand

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing ✓ **Surface**	10 3/4 / 8 5/8	0 to 200	Stage Tool	100	Surface / circulated
Planned __or Existing ✓ **Interm/Prod**	8 3/4 / 7	0 to 420	None	15	Calculated
Planned __or Existing ✓ **Interm/Prod**	6 1/4 / 5 1/2	0 to 1750	None	50	Calculated *
Planned __or Existing __ **Prod/Liner**	—	—	—	—	—
Planned __or Existing __ **Liner**	—	—	—	—	—
Planned __or Existing ✓ **OH / PERF**	4 1/2 (?)	1750 to 1831	Inj Length 81'		

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.		Yates	810
Confining Unit: Litho. Struc. Por.	+210 into	Queen	1560
Proposed Inj Interval TOP:	1750	Queen	—
Proposed Inj Interval BOTTOM:	1831 - 1797 = ±34	(Penrose)	1797
Confining Unit: Litho. Struc. Por.	—	Grayburg	—
Adjacent Unit: Litho. Struc. Por.			—

Completion/Operation Details:

Drilled TD 1831 PBTD NA

NEW TD NA NEW PBTD NA

NEW Open Hole ✓ or NEW Perfs ○

Tubing Size 2 3/8 in. Inter Coated? Yes

Proposed Packer Depth 1725 ft

Min. Packer Depth 1650 (100-ft limit)

Proposed Max. Surface Press. R-13684 psi

Admin. Inj. Press. 1100 (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA *Noticed?* NA **BLM Sec Ord** NA **WIPP** ○ *Noticed?* NA **Salt/Salado T:** 782 **B:** 654 **NW: Cliff House fm** NA

FRESH WATER: Aquifer Roswell Artesian / Alluvial Max Depth No RA allowed <100' **HYDRO AFFIRM STATEMENT By Qualified Person** ✓

NMOSE Basin: Roswell Artesian **CAPITAN REEF:** thru ___ adj ___ NA ✓ **No. GW Wells in 1-Mile Radius?** 0 (1 well in township) FW Analysis? NA

Disposal Fluid: Formation Source(s) EOR Project / Queen Analysis? Yes On Lease ○ Operator Only ✓ or Commercial ○

Disposal Interval: Inject Rate (Avg/Max BWPD): 150/200 SR/GB/SA makeup Protectable Waters? No Source: R-13684 System: Closed or Open

HC Potential: Producing Interval? Yes Formerly Producing? Yes Method: Logs/DST/P&A/Other EOR Project 2-Mi Radius Pool Map ✓

AOR Wells: 1/2-M Radius Map and Well List? Yes **No. Penetrating Wells:** 11 [AOR Horizontals: 0 AOR SWDs: 0]

Penetrating Wells: No. Active Wells 5 Num Repairs? 0 on which well(s)? ____ Diagrams? No

Penetrating Wells: No. P&A Wells 6 Num Repairs? 0 on which well(s)? ____ Diagrams? Yes

NOTICE: Newspaper Date 06/20/18 Mineral Owner NMSLO Surface Owner NMSLO N. Date 06/15/18

RULE 26.7(A): Identified Tracts? Yes Affected Persons: Mack / Beach Expl. N. Date 06/15/18

Order Conditions: Issues: * No measured TOC

Additonal COAs: CBL for 5 1/2-Casing prior to any SRT on well

Inactive Well Additional Financial Assurance Report

371484 ROVER OPERATING, LLC
Total Well Count: 247
Printed On: Friday, July 27 2018

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Covered By Blanket TA Bond	Bond In Place	In Violation
317820	ADLONG 5 #002	P	1-05-10S-37E	A	30-025-26890	O	05/2018	06/01/2020	5085	10085			0	
316963	ARTESIA STATE UNIT #102	S	O-14-18S-27E	O	30-015-21485	I	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #201	S	M-13-18S-27E	M	30-015-21446	I	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #301	S	H-14-18S-27E	H	30-015-00895	O	05/2018	06/01/2020	1888	6888			0	
	ARTESIA STATE UNIT #501	S	I-14-18S-27E	I	30-015-21454	O	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #502	S	I-14-18S-27E	I	30-015-21447	I	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #602	S	L-13-18S-27E	L	30-015-21486	I	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #701	S	B-23-18S-27E	B	30-015-21487	I	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #801	S	D-13-18S-27E	D	30-015-00883	O	05/2018	06/01/2020	1950	6950			0	
	ARTESIA STATE UNIT #802	S	D-13-18S-27E	D	30-015-25370	O	05/2018	06/01/2020	1608	6608			0	
	ARTESIA STATE UNIT #901	S	A-23-18S-27E	A	30-015-21448	O	05/2018	06/01/2020	2010	7010			0	
	ARTESIA STATE UNIT #902	S	A-23-18S-27E	A	30-015-21449	I	03/2017	04/01/2019	2010	7010			0	
	ARTESIA STATE UNIT #905	S	A-23-18S-27E	A	30-015-21988	O	05/2018	06/01/2020	2040	7040			0	
317848	B A CHRISTMAS #001	P	H-05-22S-37E	H	30-025-10069	O	12/2017	01/01/2020	6550	11550			0	
317841	BAKER B #001	P	M-10-22S-37E	M	30-025-10182	O	05/2018	06/01/2020	3752	8752			0	
	BAKER B #002	P	K-10-22S-37E	K	30-025-10183	O	05/2018	06/01/2020	3715	8715			0	
317843	BIG EDDY UNIT #132	S	J-16-21S-29E	J	30-015-27778	O	05/2018	06/01/2020	6900	11900			0	
317808	BRUNSON ARGO A #008	P	G-09-22S-37E	G	30-025-10140	O	05/2018	06/01/2020	3740	8740			0	
317810	BRUNSON ARGO B #003	P	D-10-22S-37E	D	30-025-10170	O	05/2018	06/01/2020	3732	8732			0	
	BRUNSON ARGO B #004	P	C-10-22S-37E	C	30-025-10172	O	05/2018	06/01/2020	3733	8733			0	
316970	CEDAR LAKE #003Y	S	1-30-17S-31E	D	30-015-05477	O	05/2018	06/01/2020	3423	8423			0	
	CEDAR LAKE #004	S	1-30-17S-31E	D	30-015-39722	O	05/2018	06/01/2020	4452	9452			0	
317839	CHRISTMAS COWDEN #001	P	H-05-22S-37E	H	30-025-10053	O	05/2018	06/01/2020	3735	8735			0	
317824	CLIFTON #001	P	M-04-22S-37E	M	30-025-10020	O	05/2018	06/01/2020	3710	8710			0	
317846	COASTAL SANTA FE #003	P	J-33-09S-37E	J	30-025-23311	O	05/2018	06/01/2020	5005	10005			0	
	COASTAL SANTA FE #004	P	H-33-09S-37E	H	30-025-23390	O	11/2017	12/01/2019	5049	10049			0	
	COASTAL SANTA FE #005	P	A-33-09S-37E	A	30-025-26936	O	05/2018	06/01/2020	5025	10025			0	
	COASTAL SANTA FE #006	P	O-33-09S-37E	O	30-025-26972	O	05/2018	06/01/2020	5020	10020			0	
316971	CONOCO STATE #002	S	M-03-17S-29E	M	30-015-02874	O	12/2014	01/01/2017	2562	7562	Y		7,562	
316972	CONSTATE #001	S	C-36-16S-31E	C	30-015-05017	O	10/2013	11/01/2015	4036	9036	Y		9,036	
	CONSTATE #002	S	E-36-16S-31E	E	30-015-05020	O	05/2018	06/01/2020	3975	8975			0	
	CONSTATE #003	S	J-36-16S-31E	J	30-015-05019	O	11/2014	12/01/2016	3977	8977	Y		8,977	
316973	COWTOWN UNIT #101	S	K-13-18S-28E	K	30-015-01843	O	05/2018	06/01/2020	3018	8018			0	
	COWTOWN UNIT #102	S	L-13-18S-28E	L	30-015-01844	O	12/2017	01/01/2020	2943	7943			0	
	COWTOWN UNIT #201	S	M-13-18S-28E	M	30-015-01849	O	04/2014	05/01/2016	2904	7904	Y		7,904	
	COWTOWN UNIT #202	S	M-13-18S-28E	M	30-015-41018	O	05/2018	06/01/2020	3120	8120			0	
	COWTOWN UNIT #301	S	N-13-18S-28E	N	30-015-01850	O	01/2014	02/01/2016	2938	7938	Y		7,938	
	COWTOWN UNIT #401	S	D-24-18S-28E	D	30-015-02037	O	09/2012	10/01/2014	2923	7923	Y		7,923	
	COWTOWN UNIT #402	S	E-24-18S-28E	E	30-015-02032	O	11/2017	12/01/2019	2903	7903			0	
316974	DELHI B STATE #001	S	M-28-17S-28E	M	30-015-01604	O	05/2018	06/01/2020	3636	8636			0	
	DELHI B STATE #002	S	M-28-17S-28E	M	30-015-01594	O	05/2018	06/01/2020	6048	11048			0	
	DELHI B STATE #003	S	M-28-17S-28E	M	30-015-39590	O	05/2018	06/01/2020	3004	8004			0	
	DELHI B STATE #004	S	M-28-17S-28E	M	30-015-40832	O	05/2018	06/01/2020	3194	8194			0	
316975	DONNELLY KELLY STATE #002	S	O-08-18S-28E	O	30-015-02644	O	05/2018	06/01/2020	2485	7485			0	
	DONNELLY KELLY STATE #003	S	O-08-18S-28E	O	30-015-23815	O	05/2018	06/01/2020	2510	7510			0	
316977	F W AND Y #002	S	A-25-17S-28E	A	30-015-01527	O	05/2018	06/01/2020	864	5864			0	
	F W AND Y #003	S	B-25-17S-28E	B	30-015-01531	O	05/2018	06/01/2020	2222	7222			0	
316978	FEATHERSTONE CBS #002	S	F-02-17S-31E	F	30-015-05037	O	05/2018	06/01/2020	3660	8660			0	
	FEATHERSTONE CBS #003	S	2-02-17S-31E	B	30-015-05038	O	10/2015	11/01/2017	3825	8825	Y		8,825	
	FEATHERSTONE CBS #004	S	4-02-17S-31E	D	30-015-05039	O	05/2018	06/01/2020	3655	8655			8,655	
316980	FEATHERSTONE STATE B #001	S	J-02-18S-28E	J	30-015-01769	O	05/2018	06/01/2020	2875	7875			7,875	
	FEATHERSTONE STATE B #004	S	K-02-18S-28E	K	30-015-01773	O	05/2018	06/01/2020	2710	7710			0	
	FEATHERSTONE STATE B #005	S	K-02-18S-28E	K	30-015-39591	O	05/2018	06/01/2020	3300	8300			0	
316981	FEATHERSTONE STATE E #003	S	F-02-18S-28E	F	30-015-01771	O	05/2018	06/01/2020	2676	7676			0	
	FEATHERSTONE STATE E #005	S	G-02-18S-28E	G	30-015-01774	O	05/2018	06/01/2020	2737	7737			0	
	FEATHERSTONE STATE E #006	S	F-02-18S-28E	F	30-015-39592	O	05/2018	06/01/2020	3520	8520			0	

317811	FIREWATER #001	S	3-02-25S-37E	C	30-025-30533	O	05/2018	06/01/2020	3420	8420		0
316984	FIVE J #002	S	G-36-17S-28E	G	30-015-10543	I	05/2018	06/01/2020	2662	7662		0
317815	GREENWOOD #002	P	L-09-22S-37E	L	30-025-10123	O	12/2017	01/01/2020	3714	8714		0
	GREENWOOD #004	P	N-09-22S-37E	N	30-025-10125	O	05/2018	06/01/2020	3705	8705		0
	GREENWOOD #007	P	J-09-22S-37E	J	30-025-10128	O	11/2017	12/01/2019	3715	8715		0
317806	GRIZZELL #001	P	G-06-22S-37E	G	30-025-10083	O	05/2018	06/01/2020	3800	8800		0
317809	GRIZZELL DEEP #001	P	N-05-22S-37E	N	30-025-10074	O	05/2018	06/01/2020	6565	11565		0
	GRIZZELL DEEP #002	P	L-05-22S-37E	L	30-025-26149	O	05/2018	06/01/2020	6750	11750		0
316989	H G WATSON #006	P	K-04-18S-29E	K	30-015-20312	O	05/2018	06/01/2020	3133	8133		0
	H G WATSON #008	P	O-04-18S-29E	O	30-015-03294	O	05/2011	06/01/2013	3166	8166	Y	8,166
317804	HALE STATE #001	S	H-02-25S-37E	H	30-025-11404	O	10/2017	11/01/2019	7365	12365		0
	HALE STATE #002	S	G-02-25S-37E	G	30-025-11405	O	05/2018	06/01/2020	7369	12369		0
	HALE STATE #004	S	H-02-25S-37E	H	30-025-27550	O	05/2018	06/01/2020	8460	13460		0
	HALE STATE #005	S	G-02-25S-37E	G	30-025-27817	O	10/2017	11/01/2019	8766	13766		0
	HALE STATE #006	S	G-02-25S-37E	G	30-025-33507	O	05/2018	06/01/2020	6209	11209		0
	HALE STATE #007	S	G-02-25S-37E	G	30-025-34089	O	05/2018	06/01/2020	6185	11185		0
316991	HIGH LONESOME QUEEN UNIT #001	S	M-16-16S-29E	M	30-015-02739	O	05/2018	06/01/2020	1955	6955		0
	HIGH LONESOME QUEEN UNIT #002	S	K-16-16S-29E	K	30-015-02741	O	05/2018	06/01/2020	3120	8120		0
	HIGH LONESOME QUEEN UNIT #003	S	E-16-16S-29E	E	30-015-02736	O	05/2018	06/01/2020	1810	6810		0
	HIGH LONESOME QUEEN UNIT #004	S	F-16-16S-29E	F	30-015-02744	O	05/2018	06/01/2020	1870	6870		0
	HIGH LONESOME QUEEN UNIT #005	S	A-16-16S-29E	A	30-015-02748	O	05/2018	06/01/2020	1915	6915		0
	HIGH LONESOME QUEEN UNIT #006	S	I-16-16S-29E	I	30-015-02749	O	05/2018	06/01/2020	1923	6923		0
	HIGH LONESOME QUEEN UNIT #007	S	L-15-16S-29E	L	30-015-02735	O	05/2018	06/01/2020	1955	6955		0
316993	HUDSON SAIKIN STATE #001	S	2-31-17S-28E	E	30-015-02666	O	05/2018	06/01/2020	1860	6860		0
	HUDSON SAIKIN STATE #002	S	2-31-17S-28E	E	30-015-24887	O	03/2018	04/01/2020	1950	6950		0
316994	HUMBLE #001	S	G-15-18S-28E	G	30-015-01871	O	05/2018	06/01/2020	2521	7521		0
	HUMBLE #002	S	L-22-18S-28E	L	30-015-02009	O	07/2015	08/01/2017	2685	7685	Y	7,685
316995	HUMBLE STATE #001	S	F-20-17S-29E	F	30-015-03013	O	10/2016	11/01/2018	2286	7286		0
	HUMBLE STATE #003	S	K-19-17S-29E	K	30-015-03007	O	11/2017	12/01/2019	926	5926		0
	HUMBLE STATE #004	S	N-19-17S-29E	N	30-015-03008	O	05/2018	06/01/2020	955	5955		0
316996	HUSTATE #001	S	N-36-16S-31E	N	30-015-05021	O	05/2018	06/01/2020	3955	8955		0
	HUSTATE #002	S	L-36-16S-31E	L	30-015-05018	O	05/2018	06/01/2020	3939	8939		0
	HUSTATE #003	S	K-36-16S-31E	K	30-015-24935	O	05/2018	06/01/2020	4035	9035		9,035
	HUSTATE #004	S	L-36-16S-31E	L	30-015-41312	O	05/2018	06/01/2020	4060	9060		0
317812	INGRAM O STATE #002	S	2-07-24S-33E	E	30-025-24432	S	10/2014	11/01/2016	5204	10204	Y	10,204
317840	J L GREENWOOD #005	P	I-09-22S-37E	I	30-025-10126	O	05/2018	06/01/2020	3725	8725		0
316997	J L LANGFORD #006	P	C-09-18S-29E	C	30-015-03362	O	05/2018	06/01/2020	2970	7970		0
317826	J W GRIZZEL A #002	P	K-05-22S-37E	K	30-025-10065	O	05/2018	06/01/2020	3760	8760		0
	J W GRIZZEL A #003	P	L-05-22S-37E	L	30-025-10050	O	09/2017	10/01/2019	3780	8780		0
316998	JENNINGS #001	P	A-18-18S-28E	A	30-015-23842	O	05/2018	06/01/2020	2634	7634		0
316999	KEMPER STATE #001	S	E-16-18S-29E	E	30-015-03421	G	05/2018	06/01/2020	2661	7661		0
	KEMPER STATE #002	S	E-16-18S-29E	E	30-015-41078	O	09/2017	10/01/2019	3165	8165		0
317838	KING HARRISON C #003	P	L-20-24S-37E	L	30-025-11168	G	05/2018	06/01/2020	3694	8694		0
	KING HARRISON C #005	P	K-20-24S-37E	K	30-025-24071	G	05/2018	06/01/2020	3620	8620		0
317821	M E HALE #002	S	H-02-25S-37E	H	30-025-25659	G	05/2018	06/01/2020	3450	8450		0
317850	MALMAR STATE #001	S	P-12-17S-32E	P	30-025-00516	O	04/2007	05/01/2009	4727	9727	Y	9,727
317818	MALMAR UNIT #103	S	C-18-17S-33E	C	30-025-01468	O	03/2001	04/01/2003	4588	9588	Y	9,588
	MALMAR UNIT #106	S	F-18-17S-33E	F	30-025-01469	O	01/2018	02/01/2020	4571	9571		0
	MALMAR UNIT #107	S	G-13-17S-32E	G	30-025-00536	O	01/2018	02/01/2020	4435	9435		0
	MALMAR UNIT #108	S	H-13-17S-32E	H	30-025-00535	I	07/2013	08/01/2015	4460	9460	Y	9,460
	MALMAR UNIT #111	S	K-13-17S-32E	K	30-025-00537	O	01/2018	02/01/2020	4410	9410		0
	MALMAR UNIT #113	S	M-13-17S-32E	M	30-025-00539	O	05/2018	06/01/2020	4371	9371		0
	MALMAR UNIT #123	S	F-18-17S-33E	F	30-025-37309	O			5090			10,090
	MALMAR UNIT #203	S	C-13-17S-32E	C	30-025-00531	O	05/2018	06/01/2020	4445	9445		0
	MALMAR UNIT #205	S	E-13-17S-32E	E	30-025-00533	O	05/2018	06/01/2020	4400	9400		0
	MALMAR UNIT #213	S	M-12-17S-32E	M	30-025-00520	O	01/1983	02/01/1985	4400	9400	Y	9,400
	MALMAR UNIT #305	S	2-07-17S-33E	E	30-025-01309	O	05/2018	06/01/2020	4530	9530		0
	MALMAR UNIT #311	S	K-07-17S-33E	K	30-025-01307	O	05/2018	06/01/2020	5010	10010		0
	MALMAR UNIT #312	S	3-07-17S-33E	L	30-025-01308	O	05/2018	06/01/2020	4751	9751		0
	MALMAR UNIT #315	S	O-12-17S-32E	O	30-025-00517	I	01/2018	02/01/2020	4776	9776		0
	MALMAR UNIT #409	S	I-07-17S-33E	I	30-025-01299	O	05/2018	06/01/2020	4455	9455		0
	MALMAR UNIT #415	S	O-07-17S-33E	O	30-025-01300	O	10/2017	11/01/2019	4510	9510		0
	MALMAR UNIT #513	S	4-07-17S-33E	M	30-025-01312	O	05/2018	06/01/2020	4530	9530		0

	MALMAR UNIT #516	S	4-07-17S-33E	M	30-025-36880	O	05/2018	06/01/2020	4700	9700		0
317002	MALOOF STATE #001	S	I-28-17S-28E	I	30-015-41019	O	05/2018	06/01/2020	3109	8109		0
317003	NEW MEXICO AF STATE #001	S	P-01-18S-28E	P	30-015-25002	O	01/2015	02/01/2017	2800	7800	Y	7,800
317831	OWEN A #001	P	E-03-22S-37E	E	30-025-10005	O	10/2017	11/01/2019	7356	12356		0
	OWEN A #002	P	F-03-22S-37E	F	30-025-09992	O	05/2018	06/01/2020	6606	11606		0
317004	PAN AM STATE #001	S	I-28-17S-28E	I	30-015-10102	O	05/2018	06/01/2020	1999	6999		0
	PAN AM STATE #003	S	I-28-17S-28E	I	30-015-21383	O	05/2018	06/01/2020	810	5810		0
	PAN AM STATE #004	S	I-28-17S-28E	I	30-015-23055	O	05/2018	06/01/2020	800	5800		0
317851	PAPOOSE #001	P	B-07-25S-37E	B	30-025-30612	O	05/2018	06/01/2020	3620	8620		0
317805	PEARL MARR #001	P	P-33-09S-37E	P	30-025-23247	S	11/2017	12/01/2019	5061	10061		0
	PEARL MARR #003	P	I-33-09S-37E	I	30-025-25881	O	05/2018	06/01/2020	5100	10100		0
317005	RAMPO #001	S	4-31-17S-28E	M	30-015-01639	O	05/2018	06/01/2020	1975	6975		0
	RAMPO #002	S	3-31-17S-28E	L	30-015-01640	O	05/2018	06/01/2020	1996	6996		0
317819	RAMSEY STATE #001	S	E-36-24S-37E	E	30-025-11372	O	05/2018	06/01/2020	3467	8467		0
	RAMSEY STATE #003	S	L-36-24S-37E	L	30-025-11376	O	10/2008	11/01/2010	3492	8492	Y	8,492
	RAMSEY STATE #006	S	D-36-24S-37E	D	30-025-11381	O	02/2018	03/01/2020	3452	8452		0
317007	ROBINSON STATE #001	S	E-27-17S-29E	E	30-015-03162	O	05/2018	06/01/2020	2900	7900		0
	ROBINSON STATE #002	S	D-27-17S-29E	D	30-015-03159	O	05/2018	06/01/2020	2726	7726		0
	ROBINSON STATE #003	S	E-27-17S-29E	E	30-015-03158	O	05/2018	06/01/2020	3263	8263		0
	ROBINSON STATE #005	S	D-27-17S-29E	D	30-015-03161	O	05/2018	06/01/2020	3224	8224		0
	ROBINSON STATE #008	S	E-27-17S-29E	E	30-015-25473	O	01/2018	02/01/2020	3327	8327		0
317822	SAWYER 4 STATE #001	S	2-04-10S-37E	B	30-025-23169	O	12/2011	01/01/2014	5057	10057	Y	10,057
317803	SAWYER STATE 32 #002Y	S	P-32-09S-37E	P	30-025-28388	O	05/2018	06/01/2020	5048	10048		0
317829	SFPRR #001	P	N-33-09S-37E	N	30-025-23452	O	12/1993	01/01/1996	5003	10003	Y	10,003
	SFPRR #002	P	D-34-09S-37E	D	30-025-23484	O	05/2018	06/01/2020	5034	10034		0
	SFPRR #003	P	P-28-09S-37E	P	30-025-23518	I	12/2015	01/01/2018	5035	10035	Y	10,035
	SFPRR #004	P	B-33-09S-37E	B	30-025-23554	O	10/2017	11/01/2019	5025	10025		0
	SFPRR #005	P	J-28-09S-37E	J	30-025-23588	O	12/2002	01/01/2005	5025	10025	Y	10,025
	SFPRR #007	P	F-34-09S-37E	F	30-025-23591	O	05/2006	06/01/2008	5060	10060	Y	10,060
	SFPRR #008	P	H-28-09S-37E	H	30-025-23623	O	10/2017	11/01/2019	5030	10030		0
	SFPRR #012	P	L-27-09S-37E	L	30-025-23894	I	12/2015	01/01/2018	5030	10030	Y	10,030
	SFPRR #013	P	N-27-09S-37E	N	30-025-23951	I	05/2018	06/01/2020	5050	10050		0
	SFPRR #014	P	J-27-09S-37E	J	30-025-24065	O	10/2017	11/01/2019	5125	10125		0
	SFPRR #015	P	B-34-09S-37E	B	30-025-24344	S	03/2018	04/01/2020	5100	10100		0
	SFPRR #016	P	E-34-09S-37E	E	30-025-25225	O	12/2002	01/01/2005	5010	10010	Y	10,010
	SFPRR #017	P	K-27-09S-37E	K	30-025-25340	I	05/2018	06/01/2020	5033	10033		0
	SFPRR #018	P	I-28-09S-37E	I	30-025-25341	I	05/2018	06/01/2020	5022	10022		0
	SFPRR #019	P	M-27-09S-37E	M	30-025-25342	I	05/2018	06/01/2020	5028	10028		0
	SFPRR #020	P	C-34-09S-37E	C	30-025-25343	O	10/2017	11/01/2019	5023	10023		0
	SFPRR #021	P	O-27-09S-37E	O	30-025-25344	S	10/2017	11/01/2019	5043	10043		0
	SFPRR #022	P	G-33-09S-37E	G	30-025-25555	O	05/2018	06/01/2020	5018	10018		0
	SFPRR #025	P	I-28-09S-37E	I	30-025-39533	O	05/2018	06/01/2020	5115	10115		0
	SFPRR #026	S	K-27-09S-37E	K	30-025-39534	O	05/2018	06/01/2020	5100	10100		0
	SFPRR #027	P	E-34-09S-37E	E	30-025-39535	O	11/2017	12/01/2019	5101	10101		0
317837	SHELL A STATE #001	S	H-09-17S-33E	H	30-025-23447	O	09/2017	10/01/2019	4540	9540		0
317836	SHELL STATE #001	S	E-10-17S-33E	E	30-025-23392	O	05/2018	06/01/2020	4550	9550		0
317013	SINCLAIR A STATE #001	S	3-19-17S-29E	L	30-015-03005	O	05/2018	06/01/2020	901	5901		0
317014	SINCLAIR STATE #001	S	P-09-17S-29E	P	30-015-02931	O	08/2017	09/01/2019	2558	7558		0
	SINCLAIR STATE #002	S	P-09-17S-29E	P	30-015-39724	O	05/2018	06/01/2020	2658	7658		0
317016	SMITH STATE #001	S	1-04-18S-28E	A	30-015-02556	O	05/2018	06/01/2020	2307	7307		0
317017	SOLT STATE #001	S	O-05-18S-28E	O	30-015-25277	O	05/2018	06/01/2020	3500	8500		0
	SOLT STATE #002	S	P-05-18S-28E	P	30-015-25278	O	05/2018	06/01/2020	3500	8500		0
	SOLT STATE #003	S	O-05-18S-28E	O	30-015-25390	O	05/2018	06/01/2020	3020	8020		0
	SOLT STATE #004	S	P-05-18S-28E	P	30-015-25391	O	05/2018	06/01/2020	3039	8039		0
317018	SPURCK #007	S	I-24-17S-27E	I	30-015-23583	O	06/2010	07/01/2012	2310	7310	Y	7,310
	SPURCK #008	S	I-24-17S-27E	I	30-015-23589	O	06/2010	07/01/2012	1735	6735	Y	6,735
317835	STATE 20 #001	S	B-20-23S-36E	B	30-025-28421	O	05/2018	06/01/2020	3833	8833		0
317020	STATE 32 #001	S	J-32-17S-28E	J	30-015-01655	O	03/2015	04/01/2017	2155	7155	Y	7,155
	STATE 32 #002	S	J-32-17S-28E	J	30-015-01656	O	05/2018	06/01/2020	2038	7038		0
317817	STATE 5 #001	S	H-05-10S-37E	H	30-025-24746	O	02/2004	03/01/2006	5065	10065	Y	10,065
317021	STATE 647 #197	S	B-36-17S-28E	B	30-015-10073	O	06/2015	07/01/2017	2649	7649	Y	7,649
	STATE 647 #202	S	A-36-17S-28E	A	30-015-10461	O	09/2014	10/01/2016	2565	7565	Y	7,565

	STATE 647 #204	S	P-25-17S-28E	P	30-015-41077	O	05/2018	06/01/2020	2745	7745		0
317844	STATE 9 #001	S	G-09-17S-33E	G	30-025-30354	O	11/2017	12/01/2019	4600	9600		0
317022	STATE AE #001	S	G-04-18S-28E	G	30-015-25402	O	05/2018	06/01/2020	3530	8530		0
	STATE AE #002	S	F-04-18S-28E	F	30-015-25403	O	11/2017	12/01/2019	3530	8530		0
317023	STATE B #004	S	M-22-17S-28E	M	30-015-22639	O	07/2016	08/01/2018	800	5800		5,800
	STATE B #005	S	M-22-17S-28E	M	30-015-22642	O	07/2016	08/01/2018	800	5800		5,800
	STATE B #006	S	M-22-17S-28E	M	30-015-22645	O	07/2016	08/01/2018	800	5800		5,800
	STATE B #007	S	M-22-17S-28E	M	30-015-22676	O	07/2015	08/01/2017	800	5800	Y	5,800
317024	STATE BGK #002	S	P-02-17S-31E	P	30-015-22585	O	09/2015	10/01/2017	3867	8867	Y	8,867
	STATE BGK #003	S	I-02-17S-31E	I	30-015-22981	O	05/2018	06/01/2020	3852	8852		0
	STATE BGK #004	S	P-02-17S-31E	P	30-015-23375	O	05/2018	06/01/2020	3885	8885		0
	STATE BGK #005	S	I-02-17S-31E	I	30-015-23376	O	10/2010	11/01/2012	3866	8866	Y	8,866
317025	STATE BK #003	S	3-19-17S-31E	L	30-015-05273	O	05/2018	06/01/2020	1955	6955		0
	STATE BK #005	S	3-19-17S-31E	L	30-015-10167	O	05/2018	06/01/2020	7129	12129		0
	STATE BK #008	S	4-19-17S-31E	M	30-015-39721	O	05/2018	06/01/2020	4100	9100		0
317026	STATE BKC #009	S	N-02-17S-31E	N	30-015-05042	O	05/2018	06/01/2020	3999	8999		0
	STATE BKC #010	S	K-02-17S-31E	K	30-015-05043	O	07/2015	08/01/2017	3645	8645	Y	8,645
317027	STATE E #002	S	B-17-18S-28E	B	30-015-01896	O	01/2018	02/01/2020	2482	7482		0
317028	STATE FV #001	S	N-31-17S-28E	N	30-015-10118	O	05/2018	06/01/2020	1957	6957		0
317029	STATE FW #001	S	J-31-17S-28E	J	30-015-01642	O	05/2018	06/01/2020	1937	6937		0
317030	STATE FX #001	S	F-06-18S-28E	F	30-015-10107	O	05/2018	06/01/2020	1985	6985		0
317031	STATE N #001	S	N-08-18S-28E	N	30-015-02643	O	05/2018	06/01/2020	2167	7167		0
	STATE N #002	S	N-08-18S-28E	N	30-015-41186	O	05/2018	06/01/2020	2615	7615		0
317833	SUSCO 3 STATE #001	S	4-03-10S-37E	D	30-025-27615	O	02/2012	03/01/2014	5013	10013	Y	10,013
317033	TIDEWATER K STATE #001	S	M-02-17S-31E	M	30-015-05046	O	05/2018	06/01/2020	3761	8761		0
	TIDEWATER K STATE #002	S	L-02-17S-31E	L	30-015-05047	O	05/2018	06/01/2020	3775	8775		0
	TIDEWATER K STATE #003	S	E-02-17S-31E	E	30-015-05048	O	05/2018	06/01/2020	3795	8795		0
	TIDEWATER K STATE #004	S	H-02-17S-31E	H	30-015-05049	O	05/2018	06/01/2020	3853	8853		0
	TIDEWATER K STATE #005	S	1-02-17S-31E	A	30-015-05045	O	05/2018	06/01/2020	3851	8851		0
	TIDEWATER K STATE #006	S	1-02-17S-31E	A	30-015-22641	O	05/2018	06/01/2020	3910	8910		0
317845	TONTO #001	P	M-25-24S-37E	M	30-025-26827	O	03/2018	04/01/2020	3520	8520		0
317036	WENTZ STATE #002	S	P-24-17S-28E	P	30-015-01524	O	06/2010	07/01/2012	870	5870	Y	5,870
317038	WEST ARTESIA GRAYBURG UNIT #001	S	C-08-18S-28E	C	30-015-02645	I	05/2018	06/01/2020	2297	7297		0
	WEST ARTESIA GRAYBURG UNIT #002	S	D-08-18S-28E	D	30-015-02640	O	05/2018	06/01/2020	8110	13110		0
	WEST ARTESIA GRAYBURG UNIT #003	S	H-07-18S-28E	H	30-015-02630	O	05/2018	06/01/2020	2420	7420		0
	WEST ARTESIA GRAYBURG UNIT #004	S	E-08-18S-28E	E	30-015-02648	I	02/2018	03/01/2020	2290	7290		0
	WEST ARTESIA GRAYBURG UNIT #005	S	F-08-18S-28E	F	30-015-02647	O	05/2018	06/01/2020	2314	7314		0
	WEST ARTESIA GRAYBURG UNIT #006	S	G-08-18S-28E	G	30-015-10328	I	05/2018	06/01/2020	2295	7295		0
	WEST ARTESIA GRAYBURG UNIT #007	S	H-08-18S-28E	H	30-015-02639	O	05/2018	06/01/2020	2359	7359		0
	WEST ARTESIA GRAYBURG UNIT #008	S	I-08-18S-28E	I	30-015-02659	O	05/2018	06/01/2020	2366	7366		0
	WEST ARTESIA GRAYBURG UNIT #009	S	J-08-18S-28E	J	30-015-02658	O	05/2018	06/01/2020	2345	7345		0
	WEST ARTESIA GRAYBURG UNIT #012	S	L-08-18S-28E	L	30-015-02649	I	11/2017	12/01/2019	2273	7273		0
	WEST ARTESIA GRAYBURG UNIT #013	S	I-07-18S-28E	I	30-015-02636	I	05/2018	06/01/2020	2252	7252		0
	WEST ARTESIA GRAYBURG UNIT #014	P	P-07-18S-28E	P	30-015-02635	O	05/2018	06/01/2020	2215	7215		0
	WEST ARTESIA GRAYBURG UNIT #016	P	M-08-18S-28E	M	30-015-02641	O	05/2018	06/01/2020	2493	7493		0
	WEST ARTESIA GRAYBURG UNIT #017	P	M-08-18S-28E	M	30-015-02642	O	05/2018	06/01/2020	2128	7128		0
	WEST ARTESIA GRAYBURG UNIT #018	P	D-17-18S-28E	D	30-015-01899	I	05/2018	06/01/2020	2451	7451		0
	WEST ARTESIA GRAYBURG UNIT #019	S	C-17-18S-28E	C	30-015-01897	O	05/2018	06/01/2020	2145	7145		0
	WEST ARTESIA GRAYBURG UNIT #020	S	J-08-18S-28E	J	30-015-23113	O	05/2018	06/01/2020	10560	15560		0
	WEST ARTESIA GRAYBURG UNIT #021	S	E-08-18S-28E	E	30-015-23619	O	05/2018	06/01/2020	2520	7520		0
	WEST ARTESIA GRAYBURG UNIT #024	P	M-08-18S-28E	M	30-015-23724	O	05/2018	06/01/2020	2325	7325		0
	WEST ARTESIA GRAYBURG UNIT #026	S	F-08-18S-28E	F	30-015-23784	O	05/2018	06/01/2020	2539	7539		0
	WEST ARTESIA GRAYBURG UNIT #027	S	D-08-18S-28E	D	30-015-23869	O	05/2018	06/01/2020	2520	7520		0
	WEST ARTESIA GRAYBURG UNIT #028	S	C-08-18S-28E	C	30-015-39639	O	05/2018	06/01/2020	2370	7370		0
317039	WILSON #001	S	O-02-17S-31E	O	30-015-05040	O	05/2018	06/01/2020	3824	8824		8,824
	WILSON #002	S	J-02-17S-31E	J	30-015-05041	O	09/2014	10/01/2016	3810	8810	Y	8,810
	WILSON #003	S	J-02-17S-31E	J	30-015-41017	O	05/2018	06/01/2020	3987	8987		0
317834	WIMBERLY #006	P	N-11-24S-32E	N	30-025-30113	O	09/2007	10/01/2009	5075	10075	Y	10,075
317825	WIMBERLY A #001	P	B-13-24S-32E	B	30-025-25181	O	05/2018	06/01/2020	5050	10050		0
317040	YATES STATE #001	S	E-22-18S-28E	E	30-015-02011	O	05/2018	06/01/2020	2550	7550		0
	YATES STATE #002	S	N-15-18S-28E	N	30-015-01874	O	10/2010	11/01/2012	2546	7546	Y	7,546
	YATES STATE #003	S	N-15-18S-28E	N	30-015-01875	O	01/2015	02/01/2017	2665	7665	Y	7,665
317041	ZAIT #001	S	L-22-17S-28E	L	30-015-22653	O	07/2015	08/01/2017	800	5800	Y	5,800

ZAIT #002	S	L-22-17S-28E	L	30-015-22675	O	01/2018	02/01/2020	800	5800			5,800
ZAIT #003	S	L-22-17S-28E	L	30-015-23012	O	01/2018	02/01/2020	775	5775			5,775
ZAIT #004	S	L-22-17S-28E	L	30-015-23062	O	07/2015	08/01/2017	759	5759	Y		5,759

WHERE Ogrid:371484

McMillan, Michael, EMNRD

From: McMillan, Michael, EMNRD
Sent: Tuesday, June 26, 2018 11:51 AM
To: Jim Bruce
Cc: Goetze, Phillip, EMNRD
Subject: RE: Rover Operating, LLC High Lonesome Queen Unit Well No. 3 WFX

Phil and I determined that the application was received June 14, 2018
Mike

From: McMillan, Michael, EMNRD
Sent: Tuesday, June 26, 2018 11:48 AM
To: Jim Bruce <jamesbruc@aol.com>
Cc: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: Rover Operating, LLC High Lonesome Queen Unit Well No. 3 WFX

Jim:
I do not see a date stamp of when the Rover Operating, LLC High Lonesome Queen Unit Well No. 3 WFX was received. When did you drop off the application at the OCD?

Your application will be suspended on June 26, 2018 because of no affidavit of publication, and proof of mailing to the surface owner, and proof of mailing to the offset affected parties.

Thanks

Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us

WFX Application for High Lonesome Queen Unit No. 3

Order No. R-13684; Ordering Paragraph (3)
The "Unitized Formation" as defined in the Unit Agreement for the High Lonesome Queen Unit Waterflood is the "stratigraphic interval occurring between the surface to 100 feet below the base of the Penrose sandstone interval of the Queen formation, said Penrose sandstone interval base occurring at 1865 feet in the Moab Drilling Company Skelly State Well No. 3 located 1980 feet from the north line and 1980 feet from the west line of Section 16, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico as recorded on the radioactive log of said well dated July 1, 1955".

Order No. R-13684; Ordering Paragraph (4)
The Unitized Interval for this Order shall comprise the Penrose sandstone member occurring within the Queen formation that underlies the Project Area. The vertical extent of the Unitized Interval is the stratigraphic equivalent of the Penrose sandstone from 1835 feet to 1865 feet below surface as shown on the Gamma Ray and Density Neutron Logs for the Skelly State Well No. 3 (API No. 30-015-02744) located 1980 feet from the North line and 1980 feet from the West line (Unit letter F) of Section 16, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico.