

DATE <u>04/16/2013</u>	SUSPENSE	ENGINEER <u>AE</u>	LOGGED IN <u>04/19/03</u>	TYPE <u>SWD -</u>	PPAG <u>1310950119</u>
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Resubmitted on 4/22/2013
NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



30-025-03145
 State Lea 405 Com.
 Well #1
 Sundown Energy

ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

South Vacuum

SWD-Devonian

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

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

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

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

David Catanach
 Print or Type Name

David Catanach
 Signature

Agent-Sundown Energy, L.P.
 Title

4/17/13
 Date

drcatanach@netscape.com
 E-Mail Address

2013 APR 17 A 055

REC'D 0371

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Sundown Energy, L.P. (OGRID-232611)
ADDRESS: 13455 Noel Road, Suite 2000 Dallas, Texas 75240
David Catanach Agent-Sundown Energy, L.P. (505) 690-9453
CONTACT PARTY: Ross Pearson-Area Production Manager PHONE: (214) 368-6100
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: David Catanach TITLE: Agent-Sundown Energy, L.P.
SIGNATURE: David Catanach DATE: 4/17/13
E-MAIL ADDRESS: drcatanach@netscape.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

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

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

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

C-108 Application
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
API No. 30-025-03145
660' FNL & 1980' FWL (Unit C)
Section 27, T-18S, R-35E, NMPM
Lea County, New Mexico

- I. The purpose of the application is to request approval to convert the plugged and abandoned State Lea 405 Com Well No. 1 to a produced water disposal well in the Devonian formation.
- II. Sundown Energy, L.P. ("Sundown")
13455 Noel Road
Suite 2000
Dallas, Texas 75240
Contact Parties: Mr. Ross Pearson (214) 368-6100
Mr. David Catanach (505) 690-9453
- III. Injection well data sheet and wellbore schematic diagrams showing the current and proposed wellbore configurations are attached.
- IV. This is not an expansion of an existing project.
- V. Enclosed are maps that identify all wells/leases within a 2-mile radius of the proposed disposal well and a map that identifies the ½ mile "Area of Review" ("AOR").
- VI. AOR well data is attached. Well construction data is included for all existing wells within the AOR that penetrate the Devonian formation. Also included are wellbore diagrams for each PA'd well within the AOR that penetrate the Devonian formation. An examination of the well completion and plugging data indicates that all AOR wells are adequately cased, cemented and/or plugged and abandoned in order to preclude the movement of fluid from the injection zone into any fresh water aquifers.
- VII.
 1. The average injection rate is anticipated to be approximately 3,000 BWPD. The maximum rate will be approximately 6,000 BWPD. If the average or maximum rates increase in the future, the Division will be notified.
 2. This will be a closed system.
 3. Sundown will initially inject water into the subject well at a surface pressure that is in compliance with the Division's limit of 0.2 psi/ft., or 2,337 psi. Subsequent to obtaining approval for injection, a step rate

injection test may be conducted on the subject well, if necessary, in order to obtain a higher surface injection pressure.

4. Produced water from the South Vacuum-Devonian Pool originating from Sundown operated wells in this area will be injected into the subject well.
5. Injection is to occur into a formation that is oil productive.

VIII.	Geologic Age:	Devonian
	Geologic Name:	Devonian
	Gross Thickness:	Unknown. No wells penetrate the base of the Devonian. (Top of the Devonian in the State Lea 405 Com No. 1 occurs at a depth of 11,686'. The well will be deepened approximately 100' to a total depth of 11,883'. Consequently, approximately 197' of Devonian formation will be exposed within this wellbore.)
	Lithology:	Limestone & Dolomite

Geologic Discussion: Geologic data indicates that the original oil/water contact within this Devonian reservoir occurs at a sub-sea depth of approximately -7,884' (see attached geologic structure map & cross sections). Sundown proposes to inject into the Devonian formation below the original oil/water contact. The Devonian is a strong bottom water-drive reservoir. Consequently, injection into the lower portion of the Devonian reservoir will not have any adverse affect on current Devonian production in this area, thereby protecting correlative rights. The State Lea 405 Com Well No. 1 was completed very near the original oil/water contact. The well only produced 77 MBO from the Devonian before watering out. Structurally higher wells in this reservoir have produced in excess of 400 MBO, and Devonian wells at the top of the Devonian structure have produced in excess of 1 MMBO. The purpose of injecting into this well is to allow Sundown to dispose of Devonian produced water, and is not intended to increase oil production in offset producing wells by means of waterflood or pressure maintenance. The geologic evidence presented indicates that injection into the lower Devonian interval in the State Lea 405 Com Well No. 1 will not have any adverse affects on this Devonian reservoir and offset producing wells. Consequently, Sundown believes that this application qualifies for administrative approval, and that the State Lea 405 Com

Well No. 1 should be properly classified as a produced water disposal well.

USDW's: Ogallala is present at a maximum depth of 145' according to attached data obtained from the New Mexico State Engineer's Office.

- IX. Well will be stimulated with 8,000 gals. of 15% HCL.
- X. Logs were filed at the time of drilling.
- XI. Attached are fresh water sample/analysis for fresh water wells located in Sections 21 and 28, Township 18 South, Range 35 East. This data was obtained from the Petroleum Recovery Research Center GO-TECH website.
- XII. Affirmative statement is enclosed.
- XIII. Proof of Notice is enclosed.

INJECTION WELL DATA SHEET

OPERATOR: Sundown Energy, L.P.

WELL NAME & NUMBER: State Lea 405 Com No. 1 (API No. 30-025-03145)

WELL LOCATION: <u>660' FNL & 1980' FWL</u>	<u>C</u>	<u>27</u>	<u>18 South</u>	<u>35 East</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematics

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 15 1/2" Casing Size: 13 3/8" @ 325'
Cemented with: 400 Sx. or _____ ft³
Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8" @ 4,990'
Cemented with: 1900 Sx. or _____ ft³
Top of Cement: 31' Method Determined: Well File

Production Casing

Hole Size: 8 3/4" Casing Size: 7" @ 11,783'
1st-Stage-150 sx.-DV Tool @ 8,812'
Cement with: 2nd Stage-150 sx. or _____ ft³
Top of Cement: 8,090' Method Determined: Well File
Total Depth: 11,883' (Proposed) (See attached schematic)

Injection Interval

Open Hole Interval – 11,783'-11,883'

INJECTION WELL DATA SHEET

Tubing Size: 3 1/2" 9.3# N-80 Lining Material: Internally Plastic Coated

Type of Packer: Arrow Set IX or similar type IPC injection packer

Packer Setting Depth: 11,730' or within 100' of the open-hole injection interval

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled in 1957 as a Devonian producing well.
The well is currently plugged and abandoned.

2. Name of the Injection Formation: Devonian

3. Name of Field or Pool (if applicable): South Vacuum-Devonian Pool (Oil-62010)

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.

Devonian: 11,769'-11,774' Squeezed w/125 sx. Devonian: 11,686'-11,722' Open; Bone Spring-8,649'-8,681' Open;
Delaware: 6,134'-6,151' Open; Delaware: 6,334'-6,340' Squeezed w/75 Sx. Delaware: 6,368'-6,374' Open;
Delaware 6,494' Squeezed w/75 sx. Queen 4,652'-4,777' Squeezed w/200 sx. Queen: 4,753'-4,843' Open.

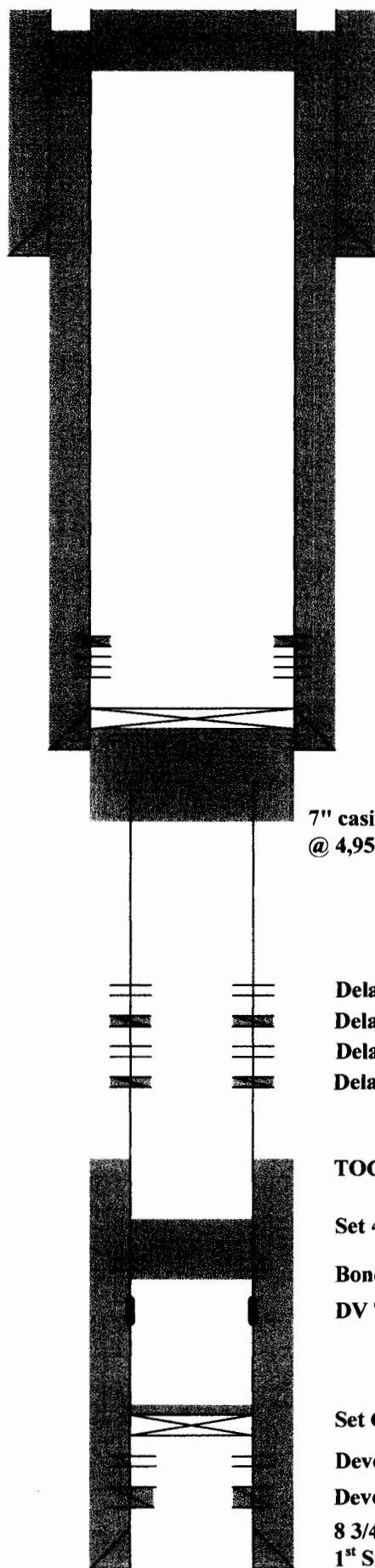
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Reeves-Queen (Oil) Pool 4,450'; South Vacuum-Bone Spring (Oil) Pool 8,504'; South Vacuum-Mississippian (Oil) 10,722'

Reeves-Pennsylvanian (Oil) 10,945'; South Vacuum-McKee Gas Pool 13,506'

Current Wellbore Configuration

Sundown Energy, L.P.
State Lea 405 Com No. 1
API No. 30-025-03145
660' FNL & 1980' FWL (Unit C)
Section 27, T-18 South, R-35 East, NMPM



25 Sx. surface

15 1/2" Hole; Set 13 3/8" Csg @ 325'
Cemented w/400 Sx.
Cement circulated to Surface

Drilled: 12/1957
Plugged: 1/1971

Queen Perforations 4,652'-4,777' Squeezed w/200 sx.
Queen Perforations 4,753'-4,843'

12 1/4" Hole; Set 9 5/8" Csg @ 4,990'
Cemented w/1900 sx.
TOC @ 31' by Well File

7" casing cut & pulled @ 5,100'. Cement retainer
@ 4,956'. Set 25 Sx. cement plug 4,990'-5,100'

Delaware Perforations 6,134'-6,151'
Delaware Perforations 6,334'-6,340' squeezed w/75 sx.
Delaware Perforations 6,368'-6,374'
Delaware Perforations @ 6,494 squeezed w/75 sx.

TOC @ 8,090' (Well File)

Set 40 sx. cement plug 8,450'-8,685'

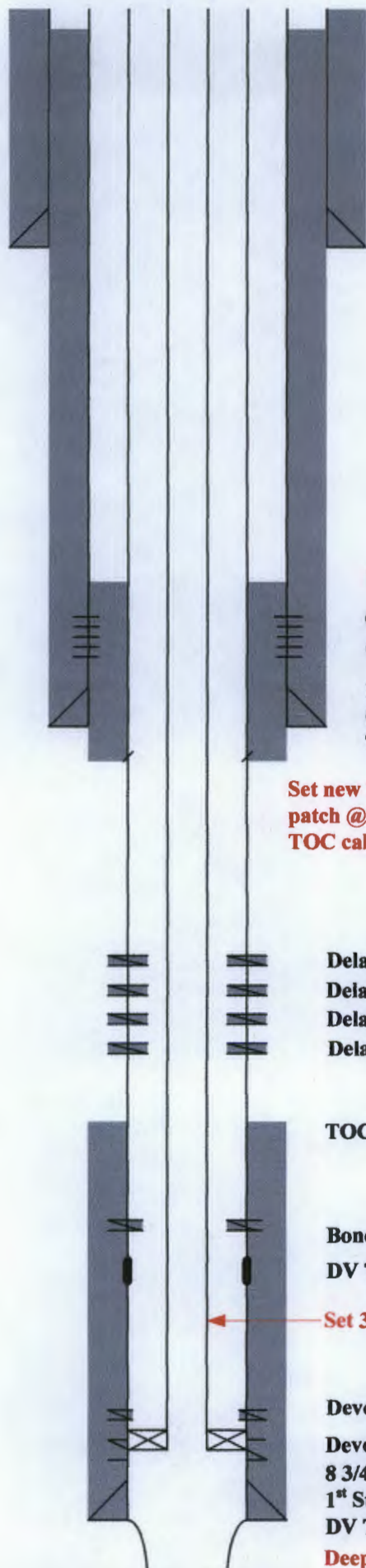
Bone Spring Perforations: 8,649'-8,681'
DV Tool @ 8,812'

Set CIBP @ 11,602 w/6' cement on top
Devonian Perforations: 11,686'-11,722'
Devonian Perforations: 11,769'-11,774'. Squeezed w/ 125 Sx.
8 3/4" Hole; Set 7" Csg. @ 11,783'
1st Stage-150 Sx. 2nd Stage-150 Sx.
DV Tool @ 8,812' TOC @ 8,090' by Well File

T.D. 11,783"

Proposed Wellbore Configuration

Sundown Energy, L.P.
State Lea 405 Com No. 1
API No. 30-025-03145
660' FNL & 1980' FWL (Unit C)
Section 27, T-18 South, R-35 East, NMPM



15 1/2" Hole; Set 13 3/8" Csg @ 325'
Cemented w/400 Sx.
Cement circulated to Surface

Proposed TOC @ 4,361' ✓

Queen Perforations 4,652'-4,777' Squeezed w/200 sx.
Queen Perforations 4,753'-4,843'

12 1/4" Hole; Set 9 5/8" Csg @ 4,990'
Cemented w/1900 sx.
TOC @ 31' by Well File

**Set new 7" 23# LTC casing w/Bowen casing bowl/
patch @ 5,100'. Cement w/180 sx. Class H. ✓**
TOC calculated @ 4,361' ✓

Delaware Perforations 6,134'-6,151'

Delaware Perforations 6,334'-6,340' squeezed w/75 sx.

Delaware Perforations 6,368'-6,374'

Delaware Perforations @ 6,494 squeezed w/75 sx.

**(Re-squeeze perforated interval
from 6,134'-6,494' w/150 sx. Class H) ✓**

TOC @ 8,090' (Well File)

Bone Spring Perforations: 8,649'-8,681' (Squeeze w/175 Sx. Class H) ✓

DV Tool @ 8,812' ✓

Set 3 1/2" 9.3# N-80 IPC Tubing in Arrowset 1-X Packer @ 11,730' ✓

Devonian Perforations: 11,686'-11,722' (Squeeze w/175 sx. Class H) ✓

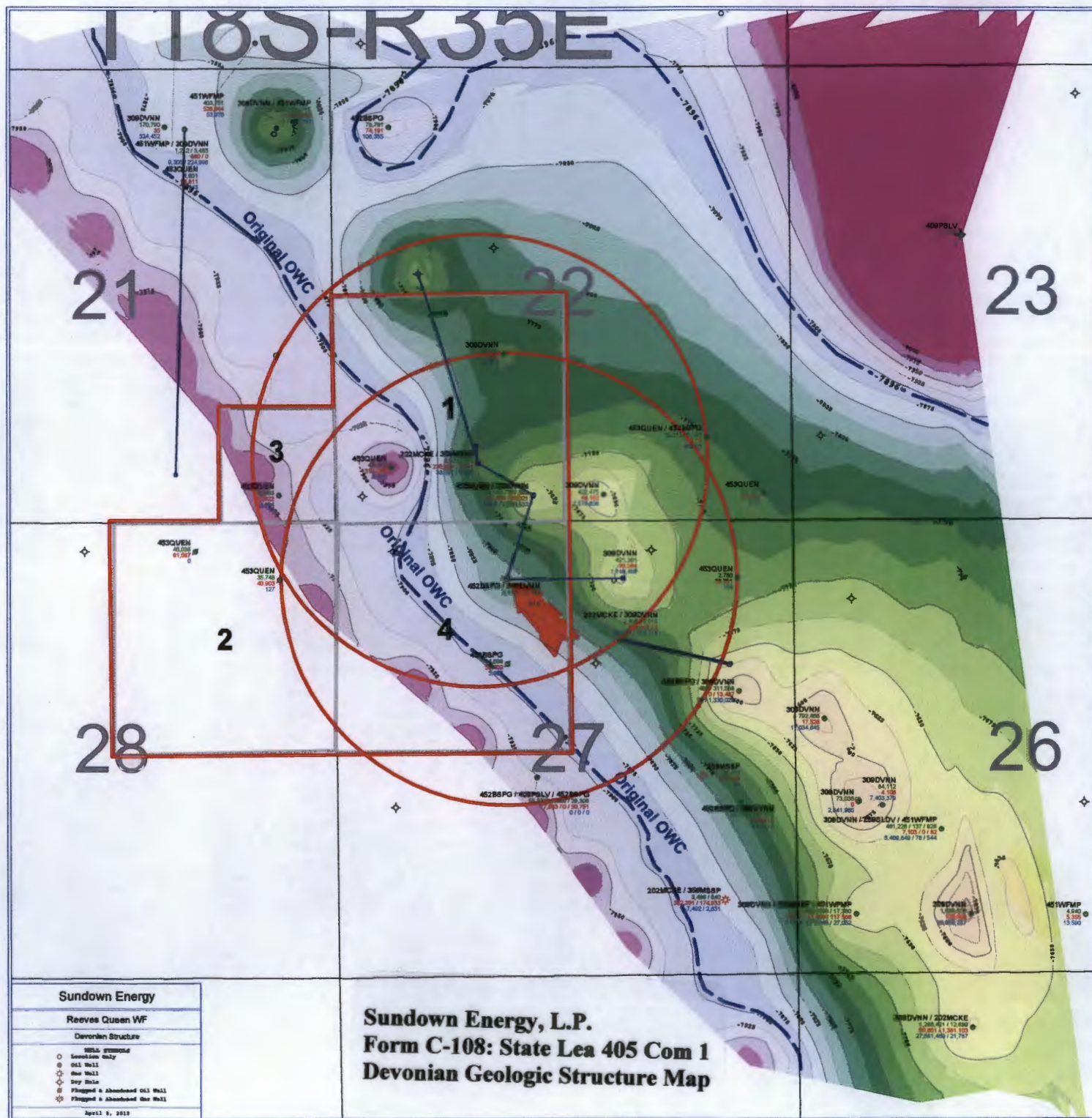
Devonian Perforations: 11,769'-11,774'. Squeezed w/ 125 Sx.

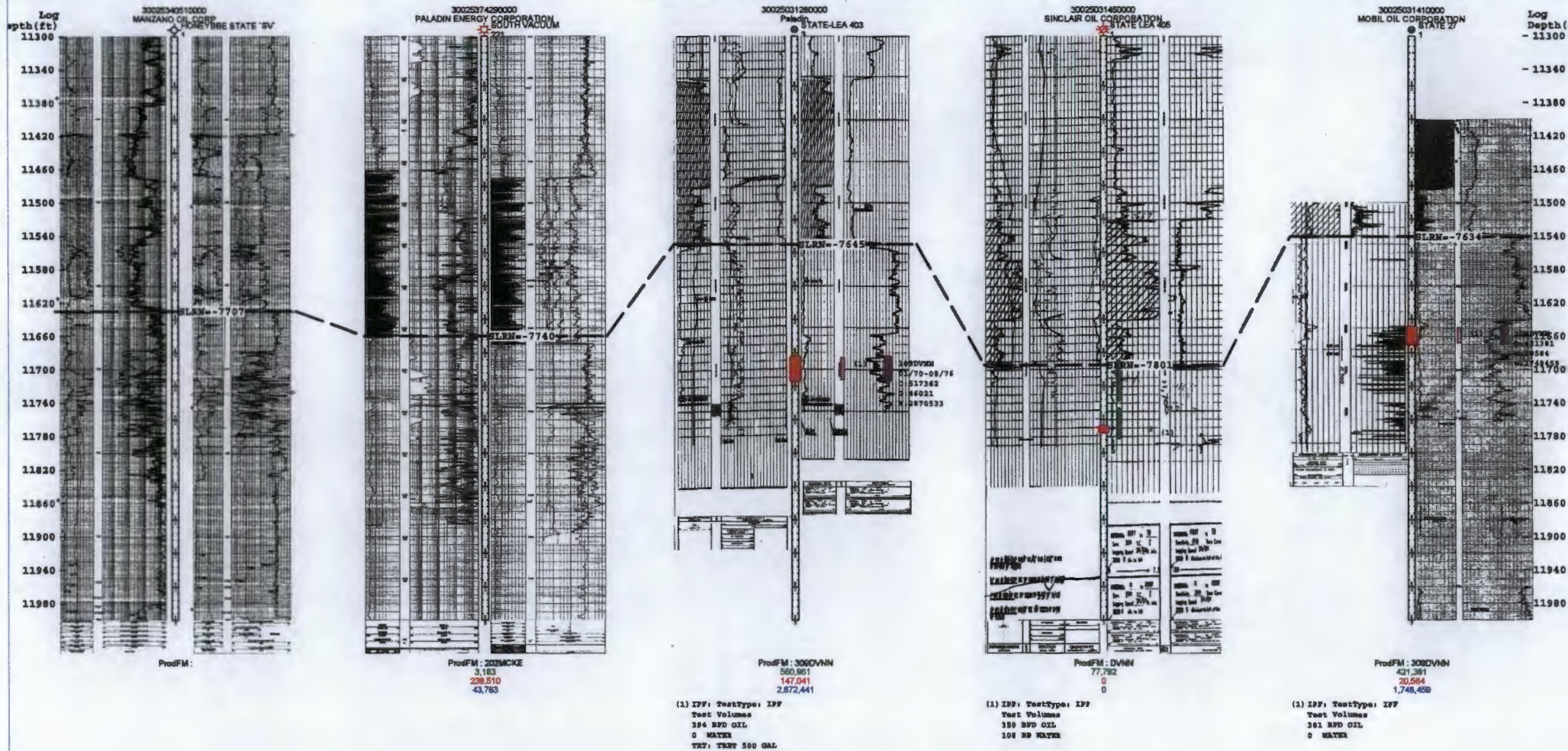
8 3/4" Hole; Set 7" Csg. @ 11,783'

1st Stage-150 Sx. 2nd Stage-150 Sx.

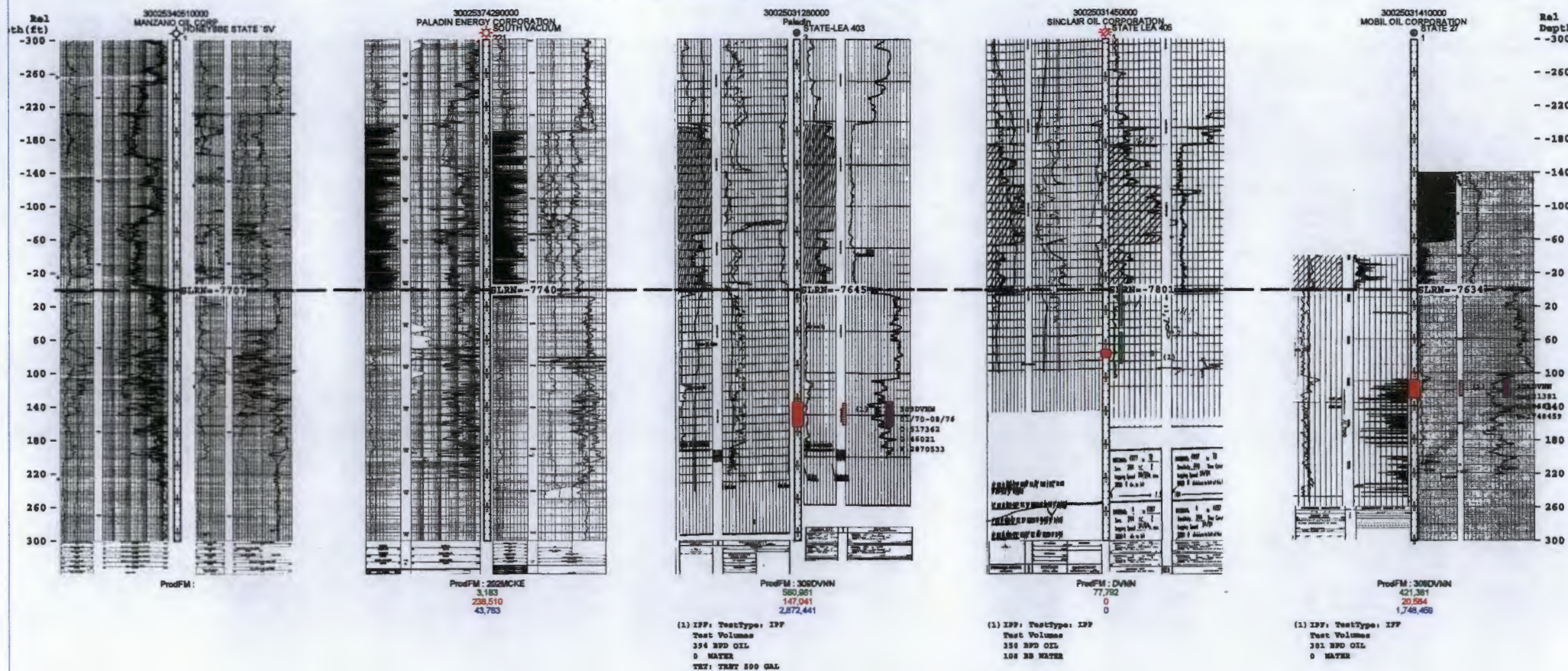
DV Tool @ 8,812' TOC @ 8,090' by Well File

Deepen well to new T.D. 11,883' (Injection Interval: 11,783'-11,883' Open-Hole) ✓





Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
Devonian Cross Section



Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
Devonian Cross Section

- Proposed Unit Outline
- Possible Injector

T18S-R35E



21

22

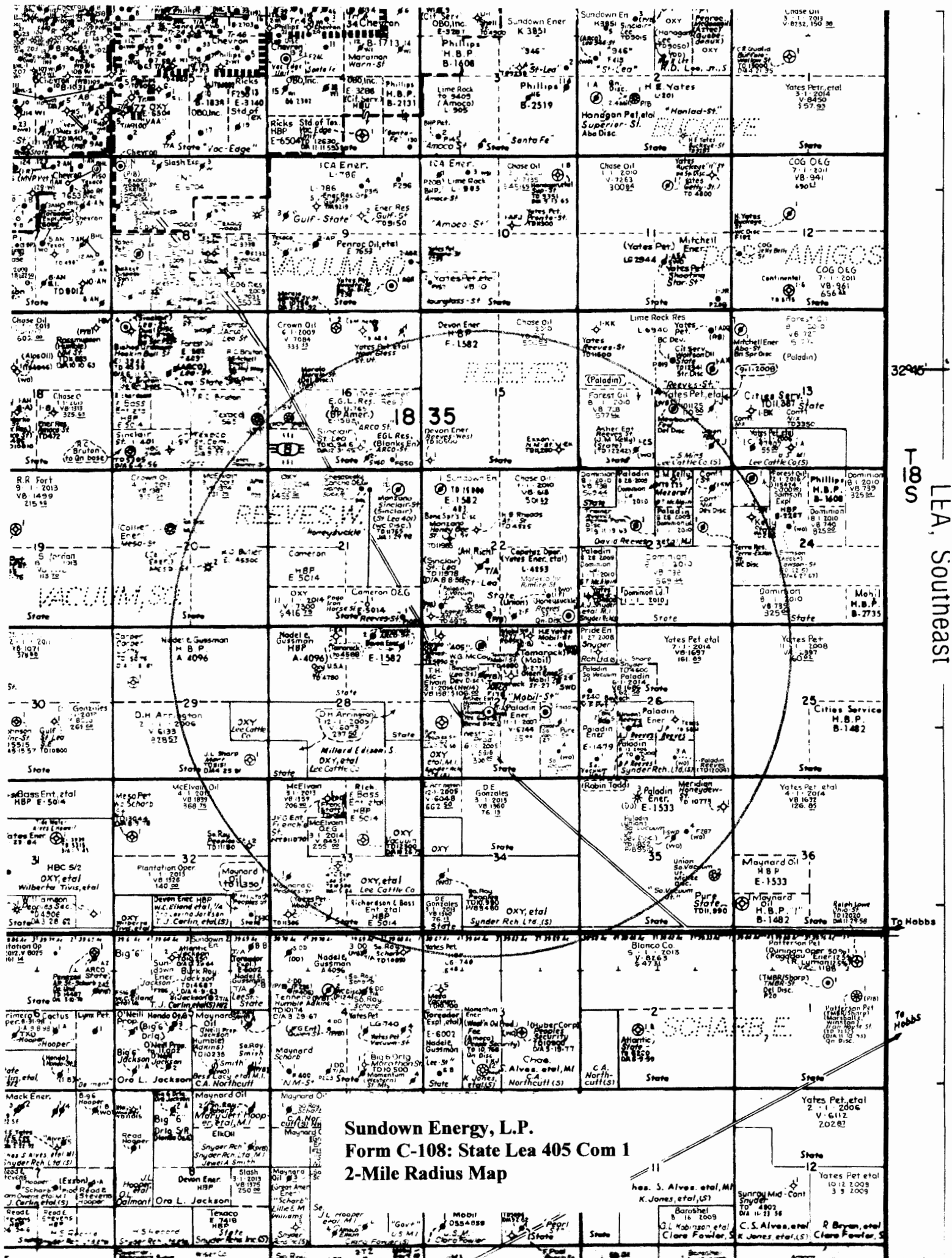
29

28

27

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
½ Mile AOR Map

2
MART
-1
5,151



Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
2-Mile Radius Map

LEA, Southeast

To Hobbs

**Sundown Energy, LP
Lea 403 State No. 2
API No. 30-025-03127
660' FSL & 660' FWL (Unit M)
Section 22, T-18 South, R-35 East, NMPM**

**17 1/4" Hole; Set 13 3/8" Csg @ 332'
Cemented w/400 Sx.
Cement circulated to Surface**

**9 5/8" casing cut & pulled @ 440'
TOC @ 460' (Well File)**

**Drilled: 5/1958
Plugged: 8/1958
Re-Entered: 1/1990**

**12 1/4" Hole; Set 9 5/8" Csg @ 4,000'
Cemented w/1650 sx.
TOC @ 460' by Well File**

Queen Perforations: 4,432'-4,450'

**Set 4 1/2" Csg. @ 4,567'
Cemented w/1280 sx.
Cement circulated to surface.
PBSD: 4,556'**

Set 25 sx. cement plug 7,068'-7,134'

Set 100 sx. cement plug 7,100'-7,275'

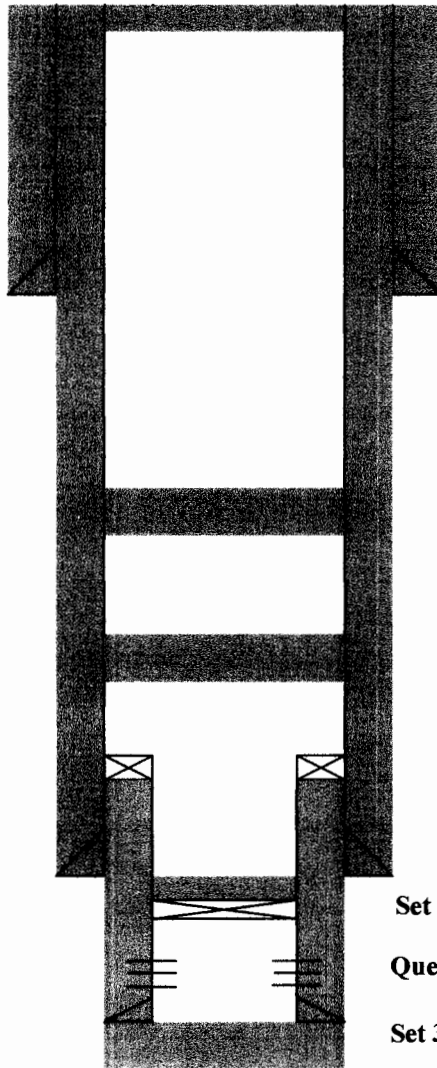
Set 30 sx. cement plug 8,321'-8,400' ✓

**Set 25 sx. cement plug 11,913'-11,978'
Drilled 8 3/4" hole to T.D. of 11,978'**

**Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
PA Schematic-Lea 403 State 2**

T.D. 11,978'

Capataz Operating, Inc.
Reeves State No. 1
API No. 30-025-03125
330' FSL & 2180' FEL (Unit O)
Section 22, T-18 South, R-35 East, NMPM



10 Sx. @ Surface

17 1/2" Hole; Set 11 3/4" Csg @ 457'
 Cemented w/475 Sx.
 Cement circulated to Surface

Drilled: 11/1959
Plugged: 8/1969
Re-Entered: 12/1992
Re-Plugged: 4/1993

Set 35 sx. cement plug 1,650'-1,750'

Set 30 sx. cement plug 3,496'-3,642'

11" Hole; Set 8 5/8" Csg @ 3,805'
 Cemented w/2088 sx.
 Cement circulated to Surface

Set 5 1/2" Liner 3,586'-4,500
 Cemented w/165 sx. TOC @ liner top

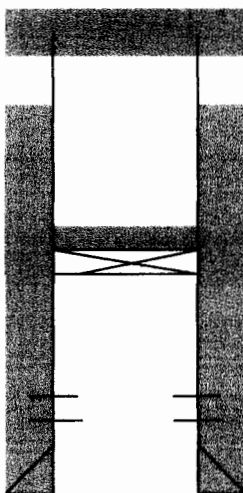
Set CIBP @ 4,023' w/25 sx. cement on top

Queen Perforations: 4,123'-4,441'

Set 35 Sx. cement plug @ 4,500'-4,660'



Set 35 Sx. cement plug 6,842'-6,950'



Shot & pulled 5 1/2" casing @ 7,190'.
 Set 35 Sx. cement plug 7,118'-7,226'

TOC @ 8,970' (Well File)

Set CIBP @ 9,920' w/20' cement on top ✓

Devonian Perforations: 11,644'-11,674' ✓

7 7/8" Hole. Set 5 1/2" Csg. @ 11,769' ✓
 Cemented w/230 Sx.

TOC @ 8,970' by Well File

T.D. 11,770'

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
PA Schematic-Reeves State 1

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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.)		WELL API NO. 30-025-03125
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Capataz Operating, Inc.		6. State Oil & Gas Lease No. L-4253-3
3. Address of Operator P. O. Box 2083, Midland, TX 79702		7. Lease Name or Unit Agreement Name Reeves-States
4. Well Location Unit Letter 0 : 330 Feet From The South Line and 2180.5 Feet From The East Line Section 22 Township 18S Range 35E NMPM Lea County		8. Well No. 1
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3867.5 GL		9. Pool name or Wildcat Reeves-Queen

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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.

4/7/93 Set CIBP @ 4023'. Displaced hole w/ mud.

4/8/93 Set Cement Plugs as follows:

25 SX on CIBP

30 SX on 3496-3642'

35 SX @ 1650-1750'

10 SX @ Surf.

Cut off wellhead. Installed dryhole marker. RDMO.

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

SIGNATURE  H. Scott Davis TITLE Agent DATE 4-13-93

TYPE OR PRINT NAME H. Scott Davis

TELEPHONE NO. 915-682-7664

(This space for State Use)

APPROVED BY  TITLE OIL & GAS INSPECTOR DATE MAY 12 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	WELL API NO. 30-025-03125 ✓
2. Name of Operator Capataz Operating, Inc.	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P. O. Box 2083, Midland, TX 79702	6. State Oil & Gas Lease No. L-4253-3
4. Well Location Unit Letter 0 : 330 Feet From The South Line and 2180.5 Feet From The East Line Section 22 Township 18S Range 35E NMPM Lea County	7. Lease Name or Unit Agreement Name Reeves-State
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3867.5 GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Re-entry & Completion Attempt <input checked="" type="checkbox"/>	

12. 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.

12/30/92 TD 4660'. Drld out plugs @ surface, 3742-3850' and 4332-4440'. Spotted 35 sacks. Plug @ 4660'.

12/31/92 Dressed off plug to 4500'. Ran 5-1/2" 15.50# casing from 3586' to 4500'. Cemented liner w/ 165 sx Class "C" w/ .6% FL-20 and .2% Sodium Met.

1/4/93 Perf'd 4412-16' and 4432-41'. Acidized w/ 1500 gal 15% NeFe.

1/6/93 Frac'd w/ 10,000 gals and 20,000 lbs 16/30 sand.

1/9/93 Well swabbing down 280 Bbl LTR.

1/11/93 Ran Rods & pump to Pump Test.

4/5/93 Pump Test Recvrd show of oil. MIRU. TOH rods, pump & tbq. Perf 4349, 48, 36, 21, 17, 14, 4313, 4241, 4167, 65, 31, 25, 23 IJSPF.

4/6/93 Acidize w/ 1400 gal 7-1/2% NeFE. Swab dry - No Shows. Contacted NMOCD and got plugging instructions.

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

SIGNATURE H. Scott Davis TITLE Agent DATE 4-13-93

TYPE OR PRINT NAME H. Scott Davis TELEPHONE NO 915-682-7664

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
APPROVED BY DISTRICT SUPERVISOR TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 4 1969

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1681
7. Unit Agreement Name
8. Farm or Lease Name Lea "F" State
9. Well No. 2
10. Field and Pool, or Wildcat Vacuum Devonian South
12. County Lea

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-
2. Name of Operator Union Oil Company of California
3. Address of Operator P.O. Box 671 - Midland, Texas 79701
4. Location of Well UNIT LETTER 0 330 FEET FROM THE South LINE AND 2180.5 FEET FROM THE East LINE, SECTION 22 TOWNSHIP 18-S RANGE 35-E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3890' SCF

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
OTHER <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	OTHER <input type="checkbox"/>

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.

8-23-69 Ran and set C.I. bridge plug at 9920'. Dumped 20' cement on plug 9920-9900'.

8-27-69 Shot casing at 7190'. Filled 7182' of 5 1/2", 17 & 20#, N80 casing.

8-28-69 Set cement plugs as follows using 9.3# mud:

35 sacks - 7226 - 7118'
35 sacks - 6950 - 6842'
35 sacks - 4440 - 4332'
35 sacks - 3850 - 3742'
10 sacks - 30' - surface

Cut off well head and installed abandonment marker. Well P&A 8-28-69.

Casing left in hole:
11-3/4" - 457'
8-5/8" - 3805'
5 1/2" - 4587'

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

SIGNED R.G. Ladd, Jr. TITLE District Drilling Supt. DATE Sept. 4, 1969
APPROVED BY John W. Runyan TITLE _____ DATE _____
CONDITION OF APPROVAL, IF ANY:

Sundown Energy, LP
Lea 403 State No. 3
API No. 30-025-03128
330' FSL & 2310' FWL (Unit N)
Section 22, T-18 South, R-35 East, NMPM

17 1/2" Hole; Set 13 3/8" Csg @ 340'
Cemented w/400 Sx.
TOC @ Surface by Calculation

Drilled: 3/1960

TOC @ 1,315 by T.S.

12 1/4" Hole; Set 8 5/8" Csg @ 3,804'
Cemented w/1100 sx.
TOC @ 1,315 by T.S.

Queen Perforations: 4,400'-4,440'

Perforated @ 4,803'-4,805' &
squeeze cemented w/300 sx. TOC by
3,665' by CBL

Set DR plug in Model "N" Packer @ 7,165'. Spot 10' of cement on top.

TOC @ 9,217' (Well File)

Set 100 sx. cement plug 11,000'-11,712' Tagged @ 11,000'

Devonian Perforations: 11,686'-11,712'

7 7/8" Hole. Set 5 1/2" Csg. @ 11,750'
Cemented w/475 Sx.
TOC @ 9,217' by Well File

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
PA Schematic-Lea 403 State 3

T.D. 11,750'

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR APPLICANTS TO PERMIT TO DEEPEN OR BACK TO A DIFFERENT RESERVOIR.
(USE APPLICATION FOR PERMIT TO DEEPEN OR BACK TO A DIFFERENT RESERVOIR.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **N** **330** FEET FROM THE **South** LINE AND **2310** FEET FROM
THE **West** LINE, SECTION **22** TOWNSHIP **18S** RANGE **35E** N.M.P.M.

5. Elevation (Show whether DF, RT, GR, etc.)
3895' GR

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-1582

7. Unit Agreement Name

6. Form of Lease Name
Lea 403 State

9. Well No.
3

10. Field and Pool, or Wellbore
Reeves Queen

12. County
Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>Perf. Acidize & Frac Treat & Complete</u> <input checked="" type="checkbox"/>

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.

On 8/2/77 ran DR plug in Model "N" pkr @ 7165'. Spotted 10' cmt on top of pkr & DR plug @ 7165'. Perf'd 4 squeeze holes @ 4803-05'. RIH w/cmt retr, set retr @ 4700'. Cmtd thru squeeze holes 4803-05' w/200 bbls 9# brine cont'g 2 gal/1000 Morflow & 10 bbls SAM-5 spacer followed by 300 sx Cl C cmt cont'g 2% CaCl & 6# salt/sk. Rev out 10 sx cmt. Ran GR-N collar logs, CBL. TOC @ 3665' w/good bond across queen. On 8/8/77 spotted 150 gals 15% HCL acid @ 4442'. Perf'd Queen zone 4400-4411' & 4428-4440' w/2 JSPF. RIH w/pkr on 2-7/8" tbg, set pkr @ 4297'. Acidized Queen perfs 4400-4440' w/150 gals 15% HCL acid. Swbd tbg down in 1 hr, no fluid entry. Acidized w/1000 gals 15% HCL acid & 70 ball sealers. Tbg swbd down in 1 hr. Swbd Queen 11 hrs, rec 14 BFW. Frac'd Queen perfs 4400-4440' w/20,000 gals 2% KCL wtr cont'g 2gals F-75 surfactant/1000 gal & 40# J337 gelling material/1000 gal & 33,000# sd in 2 equal stages. Swbd Queen 4 hrs, rec trace oil & 18 BLW. Rel pkr & POH. RIH w/compl assy w/SN @ 4484' on 2-3/8" OD EUE Tbg. Swbd Queen 4400-4440' 10 hrs, rec 24 RNO & 40 BLW, no gas. On 24 hr test 1/15/78 pmpd Queen perfs 4400-4440', 5 BO, 4 BW & 4 MCFG, GOR 800:1.

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

SIGNED Jerry Boston TITLE Dist. Drlg. Supt. DATE 11/28/78

ORIG. SIGNED BY Jerry Boston TITLE DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY, 1. Supv.

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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER WELLS BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - FORM C-101, FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **N** **330** FEET FROM THE **South** LINE AND **2310** FEET FROM
THE **West** LINE, SECTION **22** TOWNSHIP **18S** RANGE **35E** N.M.P.M.

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-1582

7. Unit Agreement Name

6. Form or Lease Name
Lea 403 State

9. Well No.
3

10. Field and Pool, or Wildcat
Vacuum Dev So.

12. County
Lea

15. Elevation (Show whether DF, RT, GR, etc.)
3895' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	Vacuum Dev. So. zone only

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.

RU 7/27/77. POH w/compl assy. RIH w/2-11/16" & 2-7/8" tbg thru pkr @ 7165' & spotted 50 sx Cl H cmt 11,217-11,712'. Checked TOC & no cmt across perfs 11,686-11,712'. Spotted 50 sx Cl H cmt 11,217-11,712' w/9# mud 7165-11,217'. WOC. Checked TOC w/tbg @ 11,000'. Vacuum Dev. So. zone abandoned effective 8/2/77.

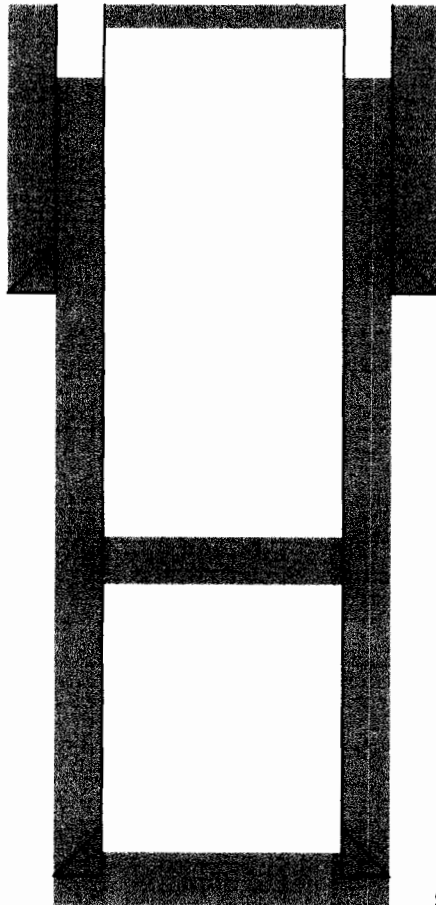
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *Lo Roy Knott* TITLE Dist. Drig. Supt. DATE 8/26/77

APPROVED BY *[Signature]* TITLE *[Signature]* DATE *[Signature]*

CONDITIONS OF APPROVAL, IF ANY:

Atlantic Richfield Company
Lea 403 State No. 8
API No. 30-025-21642
1980' FSL & 1980' FWL (Unit K)
Section 22, T-18 South, R-35 East, NMPM



10 Sx. @ Surface
 TOC @ 267'

17 1/2" Hole; Set 13 3/8" Csg @ 407'
 Cemented w/375 Sx.
 Cement circulated to surface

Drilled: 11/1965
PA'd 8/1974

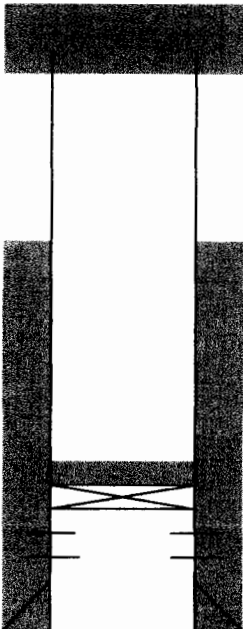
Set 35 sx. cement plug 1,735'-1,853'

11" Hole; Set 8 5/8" Csg @ 4,000'
 Cemented w/1075 sx.
 TOC @ 267' by calculation

Set 50 sx. cement plug 3,900'-4,060'



Set 50 sx. cement plug 6,846'-7,006'



Shot & Pulled 5 1/2" casing @ 8,400'.
 Set 50 sx. cement plug 8,280'-8,450'

TOC @ 9,647 by calculation ✓

Set CIBP @ 11,650' w/35' of cement on top ✓

Devonian Perforations: 11,679'-11,770'

7 7/8" Hole. Set 5 1/2" Csg. @ 11,780'
 Cemented w/400 Sx.
 TOC @ 9,647' by calculation

T.D. 11,780'

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
PA Schematic-Lea 403 State 8

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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1582
7. Unit Agreement Name
8. Farm or Lease Name Lea 403 State
9. Well No. 8
10. Field and Pool, or Wildcat Vacuum-Dev So.
12. County Lea

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- P&A
2. Name of Operator Atlantic Richfield Company
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>22</u> TOWNSHIP <u>18S</u> RANGE <u>35E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3901' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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.

Plugged & Abandoned well in the following manner: Ran & set 5½" CIBP @ 11,650' & capped w/35" cmt 11,650-11,615'. Filled hole w/heavy mud. Shot 5½" csg off @ 8400' & recovered 230 jts 8400' of 5½" 17# N-80 X-line & 8rd csg. Spotted 50 sk cmt plug across 5½" csg stub 8450-8280'. Set 50 sk cmt plug @ top of Bone Springs 7006-6846'. Set 50 sk cmt plug across 8-5/8" csg shoe 4060-3900'. Set 35 sk cmt plug @ top of salt 1853-1735'. Set 10 sk cmt plug in top of 8-5/8" csg. Welded on plate & installed regulation dry hole marker. Levelled & cleaned location. P&A 8/1/74. Your office to be notified when location is ready for inspection.

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

SIGNED <u>H. J. Bennett</u>	TITLE <u>Dist. Drlg. Supv.</u>	DATE <u>8/6/74</u>
APPROVED BY <u>Nathan E. Clegg</u>	TITLE <u></u>	DATE <u></u>

CONDITIONS OF APPROVAL, IF ANY:

Mobil Producing Texas & NM, Inc.
State Section 27 No. 1
API No. 30-025-03141
660' FNL & 1983' FEL (Unit B)
Section 27, T-18 South, R-35 East, NMPM

20 Sx. cement
plug 0-30'

17" Hole; Set 13 3/8" Csg @ 360'
Cemented w/350 Sx.
Cement circulated to surface

Drilled: 8/1958
PA'd 5/1969

Shot & Pulled 7 5/8" casing @ 1,690'
Set 30 sx. cement plug 1,638'-1,740'
TOC @ 1,715'

12 1/4" Hole; Set 9 5/8" Csg @ 3,800'
Cemented w/3500 sx.
Cement circulated to surface

Cement retainer @ 11,260' w/ 2 barrels of cement on top

Devonian Perforations: 11,650'-11,668'
(Squeezed w/150 Sx.)

8 3/4" Hole. Set 7 5/8" Csg. @ 11,800'
Cemented w/1165 Sx.
TOC @ 1,715' (Well File)

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
PA Schematic-State Section 27 #1

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C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator 3. Address of Operator 4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1982.6</u> FEET FROM THE <u>East</u> LINE, SECTION <u>27</u> TOWNSHIP <u>18-S</u> RANGE <u>35-E</u> N.M.P.M. 15. Elevation (Show whether DF, RT, GR, etc.) <u>3887 Gr.</u>	5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> 5. State Oil & Gas Lease No. 7. Unit Agreement Name 8. Farm or Lease Name 9. Well No. 10. Field and Pool, or Wildcat 12. County

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input checked="" type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input type="checkbox"/>	
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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 1703.

STATE SEC 27 #1, Vacuum South Devonian Fld, Lea Co, NM. OBJECTIVE: Plug & Abandon. No AFE - Mobil Intr 100% - Est Cost \$3600.

5/8/69 11,800 TD.

MIRU DA&S Well Serv DD unit, inst'l BOP, pulled 2-3/8 tbg, Guib L-30 pkr & hydraulic pump, ran 6-3/4 bit, 7-5/8 csg scraper on 92 jts of tbg. SD for nite.

5/9 STATE SEC 27 #1, 11,800 TD.

Finish running bit & scraper to 11,260, POH, ran Howco SVDC 7-5/8 retainer to 11,260. SD for nite.

5/10 STATE SEC 27 #1, 11,800 TD.

Set Howco SV DC ret in 7-5/8 csg @ 11,260, circ hole w/ fr wtr, Howco sq lev perfor 11,600-660 w/ 150x TLE cement, TP 500, dumped 2 bbls of cement on retainer @ 11,260, POH w/ tbg, remove BOP & wellhead. SD for nite. Prep to cut csg.

5/12/69

Dis-log cut 7-5/8 csg @ 1690, P & LD 1629' 7-5/8 26.40# N-80 Buttress csg, run 2-3/8 tbg to 11,200, load hole w/ mud, P & LD tbg to 1740, Howco spotted 30x reg cement plug @ 1740-1638, LD tbg, spotted 20x reg cement 0-30, inst'l marker, well P&A @ 5:30 p.m. 5/11/69. Rel DA&S Well Serv unit @ 5:30 p.m. 5/11/69.

FINAL REPORT.

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

SIGNED [Signature] TITLE Authorized Agent DATE 5-13-1969
APPROVED BY [Signature] TITLE _____ DATE SEP 23 1969
CONDITIONS OF APPROVAL, IF ANY:

SUNDOWN ENERGY, LP
FORM C-108: AREA OF REVIEW WELL DATA
STATE LEA 405 COM WELL NO. 1

30-025-03127	Sundown Energy, LP	Lea 403 State	2	P	Active	660'	S	660'	W	M	22	18S	35E	May-58	11,978'	17 1/4"	13 3/8"	332'	400'	Surface	Circ.	12 1/4"	9 5/8"	4,000'	1,650'	460'	Well File	4,432'-4,450' Perf.	Well Drilled to 11,978' in 1958 & PA'd
1958-Well plugged: 25 Sx.-11,913-11,978' 30 Sx.-8,321'-8,400' 100 Sx.-7,100'-7,275' 25 Sx.-7,068'-7,134' 25 Sx.-3,934'-4,000' Cut & Pulled 9 5/8" @ 440' 25 Sx.-445'-475' 25 Sx.-270'-332' . Re-entered in 1990 & drilled to 4,600'. Set 4 1/2" casing @ 4,567' & cemented w/1280 sx.																													
30-025-23480	Leatherwood Drilling Co.	Atlantic State	1	Dry	PA	330'	S	330'	W	M	22	18S	35E	Apr-70	4,975'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-30550	Hondo Oil & Gas Co.	Reeves State	1	Dry	PA	330'	N	660'	W	D	27	18S	35E	Mar-89	5,590'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-03125	Capataz Operating, Inc.	Reeves State	1	P	PA	330'	S	2180'	E	O	22	18S	35E	Nov-59	11,770'	17 1/2"	11 3/4"	457'	475'	Surface	Circ.	11"	8 5/8"	3,805'	2088'	Surface	Circ.	4,123'-4,441' Perf.	Devonian & Queen Completions. Well PA'd
7 7/8" 5 1/2" 11,769' 230' 8,970' 11,644'-11,674' Perf. 8/69; Re-Entered & Re-Plugged 4/93 Schematic Attached																													
30-025-03128	Sundown Energy, LP	Lea 403 State	3	P	Active	330'	S	2310'	W	N	22	18S	35E	Mar-60	11,750'	17 1/2"	13 3/8"	340'	400'	Surface	Calc.	12 1/4"	8 5/8"	3,804'	1100'	1,315'	T.S.	4,400'-4,440' Perf.	Queen Completion. Devonian abandoned.
* 5 1/2" casing perforated @ 4,803'-4,805' and cement squeezed w/300 sx. cement. TOC @ 3,665' by CBL. 7 7/8" 5 1/2" 11,750' 475' 9,217' * 11,686'-11,712' Perf. PBTD: 7,155'. Schematic Attached																													
30-025-21642	Atlantic Richfield Co.	Lea 403 State	8	P	PA	1980'	S	1980'	W	K	22	18S	35E	Nov-65	11,780'	17 1/2"	13 3/8"	407'	375'	Surface	Circ.	11"	8 5/8"	4,000'	1075'	267'	Calc.	11,679'-11,770' Perf.	PA'd 8/74. Schematic Attached
7 7/8" 5 1/2" 11,780' 400' 9,647' Calc.																													
30-025-37429	Paladin Energy Corp.	South Vacuum	221	P	Active	910'	S	1650'	W	N	22	18S	35E	Sep-05	14,592'	17 1/2"	13 3/8"	416'	630'	Surface	Circ.	12 1/4"	9 5/8"	3,931'	1370'	66'	Calc.	10,794'-10,872' Perf.	Mississippian Completion. McKee
* 7" casing stage cemented; 1st-125 Sx. 2nd-650 Sx. 3rd-440 Sx. DV Tools @ 12,017' & 7,980' 8 3/4" 7" 12,745' 1220' 5,276' * Calc. 6 1/4" 5" 11,955'-14,592' 250' 12,720' Well File 13,902'-13,956' Perf. abandoned. PBTD: 11,865'																													
30-025-29340	Tamarack Petroleum Co.	Arco 28 State	1	P	PA	660'	N	660'	E	A	28	18S	35E	Jul-85	10,300'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-03140	Asher Enterprises Ltd.	Hamon State	1	P	Active	2310'	S	2310'	W	K	27	18S	35E	Feb-58	10,975'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-03141	Mobil Producing Tex & NM	State Section 27	1	P	PA	660'	N	1983'	E	B	27	18S	35E	Aug-58	11,800'	17"	13 3/8"	360'	350'	Surface	Calc.	12 1/4"	9 5/8"	3,800'	3500'	Surface	Circ.	11,650'-11,668' Perf.	PA'd 5/69. Schematic Attached
8 3/4" 7 5/8" 11,800' 1165' 1,715' Well File																													
30-025-25551	Harvey E. Yates Co.	Mobil 27 State	1	P	PA	660'	N	660'	E	A	27	18S	35E	Jun-77	4,900'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-29091	Tamarack Petroleum Co.	Arco State	1	P	PA	1650'	N	1980'	W	F	27	18S	35E	Jan-85	10,300'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-29534	Tamarack Petroleum Co.	Mobil State	1	P	PA	1650'	N	2310'	E	G	27	18S	35E	Dec-86	4,880'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													
30-025-31481	Olsen Energy, Inc.	Mobil State	1	Dry	PA	330'	N	1650'	E	B	27	18S	35E	Jan-92	4,543'	WELL DID NOT PENETRATE THE DEVONIAN FORMATION													



New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

closed) (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q				Sec	Tws	Rng	X	Depth Depth Water		
	Code	Subbasin	County	64	16	4					Y	Well	Water Column
L 03866	L	LE		3	3	22	18S	35E		645082	3622155*	127	65 62
L 04399	L	LE		3	3	22	18S	35E		645082	3622155*	90	75 15
L 05810	L	LE		2	3	22	18S	35E		645479	3622564*	145	95 50
Average Depth to Water:													78 feet
Minimum Depth:													65 feet
Maximum Depth:													95 feet

Record Count: 3

PLSS Search:

Section(s): 22

Township: 18S

Range: 35E

**Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
State Engineer-Fresh Water Data**

*UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
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(R=POD has
been replaced,
O=orphaned,
C=the file is

closed) (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD		Q Q Q				X	Y	Depth Depth Water		
	Code	Subbasin	County	64	16	4 Sec Tws Rng			Well	Water	Column
L 03783	L	LE		27	18S	35E	645710	3621138*	115	65	50
L 03963	L	LE		1	2	27 18S 35E	645896	3621762*	127	70	57
Average Depth to Water:										67 feet	
Minimum Depth:										65 feet	
Maximum Depth:										70 feet	

Record Count: 2

PLSS Search:

Section(s): 27

Township: 18S

Range: 35E

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
State Engineer-Fresh Water Data

*UTM location was derived from PLSS - see Help

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



- ~ Home
- ~ Production Data ▶
- ~ Well Data ▶
- ~ NM Pricesheet
- ~ Water Data ▶
- ~ Projects ▶
- ~ Software ▶
- ~ Archive ▶
- ~ Other Links ▶
- ~ Help ▶

North American Oil and Gas News
 Independence Energy retains Texas oil and gas business development expert to accelerate Coleman South Project
 Kitsault Energy announces multi phase plan
 Midstates Petroleum announces favorable Louisiana Supreme Court ruling regarding Pine Prairie/Clovelly litigation
 NorthWestern Energy receives interim natural gas rate adjustment
 Source: Oil Voice

NYMEX LS Crude	92.28
Navajo WTXI	0
Henry Hub	3.968
Updated : 3/19/2013	
State Land Office Data Access	
OCD well/log image files	
PRRC	NM-TECH
	NM-BGMR

~ Home>>~ Water Data>>Ground Water

~ NM WAIDS

- ~ Data
 - ~ Produced Water
 - ~ Ground Water
 - ~ Conversion Tools
- ~ Scale
 - ~ Scale details
 - ~ Stiff
 - ~ Odor
 - ~ Probable Mineral Composition
 - ~ mix
- ~ Corrosion
- ~ Theory
 - ~ Uniform
 - ~ Galvanic
 - ~ Crevice
 - ~ Hydrogen Damage
 - ~ EIC
 - ~ Erosion
- ~ Equipment
 - ~ Artificial
 - ~ Casing and Tubing
 - ~ Surface
 - ~ Enhanced
- ~ Gases
 - ~ O2
 - ~ CO2
 - ~ H2S
 - ~ Microbes
- ~ Prevention
- ~ References
- ~ Maps
 - ~ Trend Maps
 - ~ GW
 - ~ PW
 - ~ Geology
 - ~ PLSS
 - ~ Help
 - ~ Online Map

Ground Water Samples Query

Water Sample Search

SECTION
 Township
 Range
 Formation
 DATE
 CHLORIDE (mg/L)

Water Samples for TOWNSHIP 18S RANGE 35E SECTION 21

Operation	# of samples	S	T	R	Location (qtr/qtr)
select	3	21	18S	35E	18S.35E.21.21000

Water Samples for Township 18SRANGE 35E Section 21 Location

Operation	SampleID	Township	Range	Section	Formation	Location	Date	Chlorides
select	6298	18S	35E	21	OGALLALA	18S.35E.21.21000	10/24/1979	20
select	5359	18S	35E	21	OGALLALA	18S.35E.21.21000	11/9/1984	177
select	4546	18S	35E	21	OGALLALA	18S.35E.21.21000	6/7/1990	130

PETROLEUM RECOVERY RESEARCH CENTER, SOCORRO, NM-87801

Sundown Energy, L.P.
 Form C-108: State Lea 405 Com 1
 State Engineer-Fresh Water Data



- ~ Home
- ~ Production Data ▶
- ~ Well Data ▶
- ~ NM Pricesheet
- ~ Water Data ▶
- ~ Projects ▶
- ~ Software ▶
- ~ Archive ▶
- ~ Other Links ▶
- ~ Help ▶

North American Oil and Gas News

Independence Energy retains Texas oil and gas business development expert to accelerate Coleman South Project

Kitsault Energy announces multi phase plan

Midstates Petroleum announces favorable Louisiana Supreme Court ruling regarding Pine Prairie/Clovelly litigation

NorthWestern Energy receives interim natural gas rate adjustment

Source: Oil Voice

NYMEX LS Crude	92.28
Navajo WTXI	0
Henry Hub	3.968
Updated :	3/19/2013
State Land Office Data Access	
OCD well/log image files	
PRRC	NM-TECH
	NM-BGMR

~ Home>>~ Water Data>>Ground Water

~ NM WAIDS

- ~ Data
 - ~ Produced Water
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- ~ Corrosion
- ~ Theory
 - ~ Uniform
 - ~ Galvanic
 - ~ Crevice
 - ~ Hydrogen Damage
 - ~ EIC
 - ~ Erosion
- ~ Equipment
 - ~ Artificial
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 - ~ Surface
 - ~ Enhanced
- ~ Gases
 - ~ O2
 - ~ CO2
 - ~ H2S
 - ~ Microbes
- ~ Prevention
- ~ References
- ~ Maps
 - ~ Trend Maps
 - ~ GW
 - ~ PW
 - ~ Geology
 - ~ PLSS
 - ~ Help
 - ~ Online Map

Ground Water Samples Query

Water Sample Search

SECTION

Township

Range

Formation

DATE

CHLORIDE (mg/L)

Water Samples for TOWNSHIP 18S RANGE 35E SECTION 28

Operation	# of samples	S	T	R	Location (qtr/qtr)
select	5	28	18S	35E	18S.35E.28.32210

Water Samples for Township 18SRANGE 35E Section 28 Location

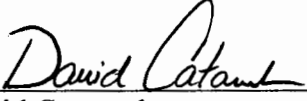
Operation	SampleID	Township	Range	Section	Formation	Location	Date	Chlorides
select	6629	18S	35E	28	OGALLALA	18S.35E.28.32210	10/25/1979	14
select	6222	18S	35E	28	OGALLALA	18S.35E.28.32210	12/6/1979	18
select	5530	18S	35E	28	OGALLALA	18S.35E.28.32210	11/9/1984	24
select	4734	18S	35E	28	OGALLALA	18S.35E.28.32210	6/7/1990	52
select	3665	18S	35E	28	OGALLALA	18S.35E.28.32210	9/29/1995	24

PETROLEUM RECOVERY RESEARCH CENTER, SOCORRO, NM-87801

Sundown Energy, L.P.
Form C-108: State Lea 405 Com 1
State Engineer-Fresh Water Data

Form C-108
Affirmative Statement
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
660' FNL & 1980' FWL (Unit C)
Section 27, T-18 South, R-35 East, NMPM,
Lea County, New Mexico

Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.



David Catanach
Agent-Sundown Energy, L.P.

4/17/13

Date

Form C-108
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
Section 27, T-18 South, R-35 East, NMPM,
Lea County, New Mexico
Notice List

Section 21: SE/4 SE/4

Operator/Leasehold Owner: Sundown Energy L.P.

Section 28: E/2 NE/4

Leasehold Owner: Sundown Energy, L.P.

Leasehold Owner: PGP Holdings 1, LLC
104 Town Park Drive
Kennesaw, GA 30144

Section 22: SW/4

Operator/Leasehold Owner: Sundown Energy, L.P.

Operator/Leasehold Owner: Palladin Energy Corporation
10290 Monroe Drive, Suite 301
Dallas, Texas 75229

Leasehold Owner: PGP Holdings 1, LLC

Section 22: W/2 SE/4 & SE/4 SE/4 (Leasehold/Working Interest Owners)

Norman L. Stevens Jr. Trust
P.O. Box 1
Hondo, New Mexico 88336

The Pinion Group, LLC
4630 South Columbia Place
Tulsa, Oklahoma 74105

KLM Properties, Inc.
P.O. Box 700127
Tulsa, Oklahoma 74170

Milton H. Berry Revocable Trust
4825 S. Peoria, Suite 3
Tulsa, Oklahoma 74105

J. E. Cieszinski
P.O. Box 3407
Roswell, New Mexico 88202

West Plains Energy Company, Inc.
P.O. Box 700127
Tulsa, Oklahoma 74170

Form C-108
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
Section 27, T-18 South, R-35 East, NMPM,
Lea County, New Mexico
Notice List (Page 2)

Section 22: W/2 SE/4 & SE/4 SE/4 (Leasehold/Working Interest Owners.), Cont.

Karen Clarke Grimshaw
2639 E. 33rd Place
Tulsa, Oklahoma 74105

Baker Recovery, Inc.
P.O. Box 1026
Tulsa, Oklahoma 74101

Section 27: NW/4

Leasehold Owner: T. H. McElvain Oil & Gas LLP
1050 17th Street, Suite 2500
Denver, Colorado 80265

Section 27: NW/4 SW/4

Mineral Owner: BP
740 Rosebud Rd.
Nara Vista, New Mexico 88430

Section 27: NE/4 SW/4

Operator/Leasehold Owner: Asher Enterprises Ltd. Co.
12808 Lorien Way
Oklahoma City, Oklahoma 73170

Section 27: NE/4

Leasehold Owner: Palladin Energy Corporation

Section 27: NW/4 SE/4

Unleased: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Surface Owner at the State Lea 405 Com Well No. 1 wellsite:

Snyder Ranches
P.O. Box 2058
Hobbs, New Mexico 88241

Form C-108
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
Section 27, T-18 South, R-35 East, NMPM,
Lea County, New Mexico

The following-described legal notice will be published in the:

Hobbs News-Sun
201 N. Thorp
Hobbs, New Mexico 88240
Fax No. (575) 397-0610
E-Mail: business@hobbsnews.com

The Affidavit of Publication will be forwarded to the Division upon receipt by Sundown Energy, L.P.

LEGAL NOTICE

Sundown Energy, L.P., 13455 Noel Road, Suite 2000, Dallas, Texas 75240 has filed a Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division seeking administrative approval to re-enter the plugged and abandoned State Lea 405 Com Well No. 1 (API No. 30-025-03145) located 660 feet from the North line and 1980 feet from the West line (Unit C) of Section 27, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico and convert the well to a produced water disposal well in the Devonian formation. Injection is to occur through the Devonian perforated and open-hole interval from approximately 11,686 feet to 11,883 feet.

Produced water from the South Vacuum-Devonian Pool originating from Sundown Energy, L.P. operated wells in this area will be injected into the State Lea 405 Com Well No. 1 at average and maximum rates of 3,000 and 6,000 barrels of water per day, respectively. The initial surface injection pressure for the well is anticipated to be approximately 2,337 psi. The maximum surface injection pressure will be determined by step rate injection test.

Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication.

Additional information can be obtained by contacting Mr. Ross Pearson, Area Production Manager-Sundown Energy, L.P. at (214) 368-6100 or Mr. David Catanach, Agent-Sundown Energy, L.P. at (505) 690-9453.

7012 2920 0002 1384 7532

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
HONDO NM 88336		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: Norman L. Stevens Jr. Trust P.O. Box 1 Hondo, New Mexico 88336		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7549

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
DALLAS TX 75229		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: Palladin Energy Corporation 10290 Monroe Dr., Suite 301 Dallas, Texas 75229		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7440

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OKLAHOMA CITY OK 73170		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: Asher Enterprises Ltd. Co. 12808 Lorien Way Oklahoma City, OK 73170		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7525

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
TULSA OK 74105		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: Milton H. Berry Revocable Trust 4825 S. Peoria, Suite 3 Tulsa, Oklahoma 74105		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7556

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
KENNESAW GA 30144		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: PGP Holdings I, LLC 104 Town Park Drive Kennesaw, GA 30144		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7457

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
NARA VISA NM 88430		
Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	
Sent To: BP 100 Rosebud Rd. Nara Vista, New Mexico 88430		
PS Form 3800, August 2006 See Reverse for Instructions		

7012 2920 0002 1384 7471

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

TULSA OK 74101

Postage	\$ 2.12	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.77	

Sent To: **Baker Recovery, Inc.**
P.O. Box 1026
Tulsa, Oklahoma 74101

PS Form 3800, August 2006 See Reverse for Instructions

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DENVER CO 80265

Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	

Sent To: **T. H. McElvain Oil & Gas LLP**
1050 17th Street, Suite 2500
Denver, Colorado 80265

PS Form 3800, August 2006 See Reverse for Instructions

7012 2920 0002 1384 7495

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

TULSA OK 74170

Postage	\$ 2.12	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.77	

Sent To: **KLM Properties, Inc.**
West Plains Energy Co., Inc.
P.O. Box 700127
Tulsa, Oklahoma 74170

PS Form 3800, August 2006 See Reverse for Instructions

7012 2920 0002 1384 7488

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TULSA OK 74105

Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	

Sent To: **Karen Clarke Grimshaw**
2639 E. 33rd Place
Tulsa, Oklahoma 74105

PS Form 3800, August 2006 See Reverse for Instructions

7012 2920 0002 1385 0013

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

TULSA OK 74105

Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	

Sent To: **The Pinion Group, LLC**
4630 South Columbia Place
Tulsa, Oklahoma 74105

PS Form 3800, August 2006 See Reverse for Instructions

7012 2920 0002 1384 7501

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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For delivery information visit our website at www.usps.com

ROSWELL NM 88202

Postage	\$ 2.32	0501 01 APR 17 2013 Postmark Here APR 17 2013 04/17/2013
Certified Fee	\$3.10	
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.97	

Sent To: **J. E. Cieszinski**
P.O. Box 3407
Roswell, New Mexico 88202

PS Form 3800, August 2006 See Reverse for Instructions

7012 2920 0002 1384 7426

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

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

HOBBS NM 88241

Postage	\$	\$2.32
Certified Fee		\$3.10
Return Receipt Fee (Endorsement Required)		\$2.55
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$7.97

0501

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See Reverse for Instructions

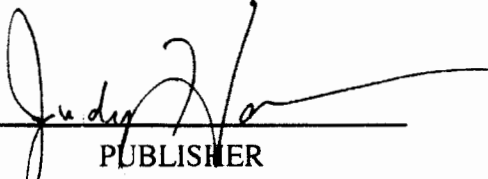
Affidavit of Publication

State of New Mexico,
County of Lea.

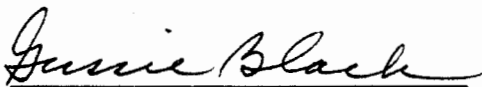
I, JUDY HANNA
PUBLISHER

of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).
Beginning with the issue dated
April 16, 2013
and ending with the issue dated
April 16, 2013

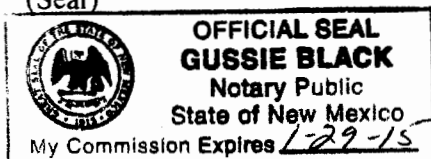

PUBLISHER

Sworn and subscribed to before me
this 16th day of
April, 2013



Notary Public

My commission expires
January 29, 2015
(Seal)



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

LEGAL

LEGAL

Legal Notice
April 16, 2013

Sundown Energy, L.P., 13455 Noel Road, Suite 2000,
Dallas, Texas 75240 has filed a Form C-108
(Application for Authorization to Inject) with the Oil
Conservation Division seeking administrative approval
to re-enter the plugged and abandoned State Lea 405
Com Well No. 1 (API No. 30-025-03145) located 660 feet
from the North line and 1980 feet from the West line
(Unit C) of Section 27, Township 18 South, Range 35
East, NMPM, Lea County, New Mexico and convert the
well to a produced water disposal well in the Devonian
formation. Injection is to occur through the Devonian
perforated and open-hole interval from approximately
11,686 feet to 11,883 feet.

Produced water from the South Vacuum-Devonian Pool
originating from Sundown Energy, L.P. operated wells
in this area will be injected into the State Lea 405 Com
Well No. 1 at average and maximum rates of 3,000 and
6,000 barrels of water per day, respectively. The initial
surface injection pressure for the well is anticipated to
be approximately 2,337 psi. The maximum surface
injection pressure will be determined by step rate
injection test.

Interested parties must file objections with the New
Mexico Oil Conservation Division, 1220 S. St Francis
Drive, Santa Fe, New Mexico 87505, within 15 days of
the date of this publication.

Additional information can be obtained by contacting
Mr. Ross Pearson, Area Production Manager-Sundown
Energy, L.P. at (214) 368-6100 or Mr. David Catanach,
Agent-Sundown Energy, L.P. at (505) 680-9453.
#28078

67109591

00112776

DAVID CATANACH
REGULATORY CONSULTANT
1142 VUELTA DE LAS ACEQUIAS
SANTA FE, NM 87507

Original Submittal: 04/19/13 - Protested / Protest withdrawn 06/21/13
 Injection Permit Checklist: Received 06/21/13 First Email Date: Final Reply Date: Suspended?: Temp until
 Issued Permit: Type: WFX / PMX SWD Number: 1435 Permit Date: 08/07/2013 Legacy Permits or Orders: No McElvain letter
 Well No. 1 Well Name(s): State Lea 405 Com
 API: 30-0 25-03145 Spud Date: 12/8/1957 New/Old: Old (UIC CI II Primacy March 7, 1982)
 Footages 660' FNL / 1980' FWL Lot - Unit C Sec 27 Tsp 185 Rge 35E County Lea
 General Location: 5 mi west Arkansas line / west of Hobbs Pool: SWD: Devonian Pool No.: 96101
 Operator: Sundown Energy LP OGRID: 232611 Contact: David Ceterack, agent
 COMPLIANCE RULE 5.9: Inactive Wells: 1 Total Wells: 51 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? OK
 Well File Reviewed: Current Status: P & A well - previous production Queen, Delaware, and Bone Spring
 Planned Rehab Work to Well: Squeeze two perf sections (Bone Spring & Delaware) / patch casing (7" at 5100) and new cement for 5100 to 4990 - deepen to 11883
 Well Diagrams: Proposed Before Conversion After Conversion Are Elogs in Imaging? Yes

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Cond	—	—	—	—	—
Planned ___ or Existing ___ Surface	15 1/2 / 13 3/8	0 to 325	—	400	Circulate to set
Planned ___ or Existing ___ Interm	12 1/4 / 9 5/8	0 to 4990	—	1900	Top 3' BGS to shoe at 4990
Planned ___ or Existing ___ Long St	8 3/4 / 7	5100 to 11783	88/12	2 stage @ 150	Well file
Planned ___ or Existing ___ Liner	7-inch cut at 5100	—	—	—	8090 calculated
Planned ___ or Existing ___ OH / PERF	Modified to 11,783 to 11,883	Deepen	—	—	11,883

Injection Strat Column:	Depths (ft)	Formation	Tops?
Above Top of Inject Formation	+754	Barnett (P)	—
Above Top of Inject Formation	+104	Mississippian	10925
Proposed Interval TOP:	11783	Devonian	11679
Proposed Interval BOTTOM:	11883	formation TD	—
Below Bottom of Inject Formation	—	Still in Devonian	—
Below Bottom of Inject Formation	—	at TD	—

Completion/Ops Details:			
Drilled TD	11,783	PBTD	Deepen to 11,883
Open Hole	X	or	Perfs
Tubing Size	3 1/2	Inter Coated?	Yes
Proposed Packer Depth	11730		
Min Packer Depth	11683	(100-ft limit)	
Proposed Max. Surface Press	2337		
Calc. Injt Press	2357	(0.2 psi per ft)	
Calc. FPP	—	(0.65 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH: R-111-P No Noticed? NA BLM Sec Ord No WIPP No Noticed? NA SALADO: T: — B: — CLIFF HOUSE NA

Fresh Water: Max Depth: 139/175 FW Formation Opallala Wells? (5) Analysis? Yes Hydrologic Affirm Statement Yes

Disposal Fluid: Formation Source(s) In Area: South Vacuum Database On Lease Only from Operator V or Commercial

Disposal Interval: Injection Rate (AVE/MAX): 3,000/6,000 BPPD Protectable Waters: No CAPITAN REEF: thru No adjacent No

H/C Potential: Producing Interval? No Formerly Producing? No Method: E Log / Mudlog / DST / Depleted / Other

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: 7

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

Penetrating Wells: No. P & A Wells 2 Num Repairs? 0 on which well(s)? Diagrams? Yes

NOTICE: Newspaper Date 04/16/2013 Mineral Owner: State Surface Owner: State Norman Stevens Trust N. Date 04/16/2013

RULE 26.7(A): Identified Tracts? 4 Affected Persons: PGP Holdings / Paladin / PGP Group N. Date 4/17/2013

Permit Conditions: CBI - confirm cement tops & squeeze results

Issues: Protest withdrawn by McElvain; review C-108 when notified in writing

April 17, 2013

Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Ms. Jami Bailey, CPG
Division Director

HAND DELIVERED

Re: Form C-108
Sundown Energy, L.P.
State Lea 405 Com Well No. 1
API No. 30-025-03145
660' FNL & 1980' FWL (Unit C)
Section 27, T-18 South, R-35 East, NMPM,
Lea County, New Mexico

Dear Ms. Bailey,

Enclosed please find a Division Form C-108 (Application for Authorization to Inject) to convert the plugged and abandoned State Lea 405 Com Well No. 1 to a produced water disposal well. Sundown Energy, L.P. proposes to re-enter and complete this well as a disposal well, injection to occur into the Devonian formation through the perforated and/or open hole interval from approximately 11,686 feet to 11,883 feet. Produced water originating from Sundown Energy, L.P.'s Devonian producing wells in the area will be injected into the subject well.

All the required information is enclosed. If additional information is needed, please contact me at (505) 690-9453.

Sincerely,



David Catanach
Agent-Sundown Energy, L.P.
13455 Noel Road, Suite 2000
Dallas, Texas 75240

Xc: OCD-Hobbs

Ezeanyim, Richard, EMNRD

From: David Catanach <drcatanach@netscape.com>
Sent: Monday, April 29, 2013 10:04 AM
To: Ezeanyim, Richard, EMNRD
Cc: Kyle Paxton; Ross Pearson
Subject: SWD Application-State Lea 405 Com 1
Attachments: Amended WBD.pdf

Mr. Ezeanyim,

On April 17, 2013 I filed an SWD application on behalf of Sundown Energy, LP for the State Lea 405 Com Well No. 1 (API No. 30-025-03145) located 660 feet from the North line and 1980 feet from the West line (Unit C) of Section 27, T-18S, R-35E.

Sundown originally planned to inject into the Devonian formation through the following intervals:

11,686'-11,722' (Existing Perforations)
11,783'-11,883' (Open-Hole)

Sundown has had some discussions with the offset operator, Palladin Energy Corporation, and as a result of those discussions, Sundown has agreed to cement squeeze the existing Devonian perforated interval in the well from 11,686'-11,722'. **Sundown now proposes to inject only into the Devonian open-hole interval from 11,783'-11,883'.**

We don't believe that any additional re-notice or re-publication is necessary because the new injection interval is contained wholly within the originally proposed injection interval.

Attached is an amended Injection Well Data Sheet (Pages 1 & 2) and an amended proposed wellbore diagram. I will mail hard copies of these documents to you via regular mail.

If you need anything further, please let me know.

Thank You,

David Catanach
Agent-Sundown Energy, LP

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From: "David Catanach"
<drcatanach@netscape.com>
Reply-To: <drcatanach@netscape.com>
To: "Richard Ezeanyim"
<richard.ezeanyim@state.nm.us>
Cc: "Kyle Paxton"
<kpaxton@elandenergy.com>, "Ross
Pearson" <rpearson@sundownenergy.com>
Subject: SWD Application-State Lea 405 Com 1
Date: Mon 04/29/13 10:03 AM

Attachments

Name	Type	Save View
Part 1	text/html	Save
Amended WBD.pdf	application/pdf	Save View

Mr. Ezeanyim,

On April 17, 2013 I filed an SWD application on behalf of Sundown Energy, LP for the State Lea 405 Com Well No. 1 (API No. 30-025-03145) located 660 feet from the North line and 1980 feet from the West line (Unit C) of Section 27, T-18S, R-35E.

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If you need anything further, please let me know.

Thank You,

David Catanach
 Agent-Sundown Energy, LP

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Attachment: Save View Name: Amended WBD.pdf Type: application/pdf
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HOLLAND & HART LLP



Jeffrey M. Kendall
Phone 505-988-4421
Fax 505-983-6043
JMKendall@hollandhart.com

May 2, 2013

VIA HAND DELIVERY

Ms. Jami Bailey, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

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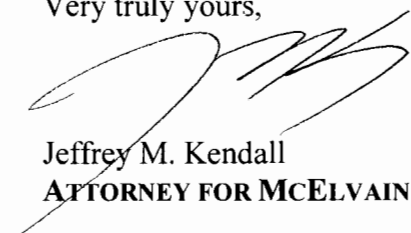
Re: Application of Sundown Energy, L.P. for authorization to inject State Lee 405 Com Well No. 1 located 660' FNL & 1980' FWL (Unit C) in Section 27, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico.

Dear Ms. Bailey,

McElvain Energy, Inc. hereby objects to the above-referenced application of Sundown Energy, L.P. for authorization to inject State Lee 405 Com Well No. 1 in Section 27, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico, into the Devonian formation.

McElvain Energy, Inc. requests that this application be set for hearing before a Division Examiner.

Very truly yours,


Jeffrey M. Kendall
ATTORNEY FOR MCELVAIN ENERGY, INC.

cc: David Catanach
Agent for Sundown Energy, L.P.
13455 Noel Road, Suite 2000
Dallas, Texas 75240

Ross Pearson
Area Production Manager, Sundown Energy, L.P.
13455 Noel Road, Suite 2000
Dallas, Texas 75240

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, NM 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Billings Boise Boulder Cheyenne Colorado Springs Denver Denver Tech Center Jackson Hole Salt Lake City Santa Fe Washington, D.C. ♻



June 12, 2013

Via Fed Ex

T.H. McELVAIN OIL & GAS LLLP
ATTN: DAVID W. SIPLE
1050 17th Street, Suite 2500
Denver, CO 80265

Re: Letter to Withdraw Protest of Sundown Energy LP's application for Injection
State Lea 405 Com Well #1 (API # 30-025-03145)
NW/4 Section 27, 18S 35E, Lea County, New Mexico

Dear Mr. Siple:

Per the terms of that certain Letter Agreement dated June 12, 2013 between T.H. McElvain Oil & Gas LLLP ("McElvain") and Sundown Energy LP ("Sundown"), McElvain hereby agrees to withdraw any and all protest made and future protests for the subject well to the New Mexico Oil Conservation Division. This is a withdraw of the protest letter dated May 2, 2013 from Jeffrey M. Kendall, Attorney for McElvain to Ms. Jami Bailey, Director of the Oil Conservation Division.

McElvain agrees to allow Sundown the right to dispose salt water in the Devonian formation in the State Lea 405 Com Well #1 (API # 30-025-03145) wellbore.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle A. Paxton".

Kyle A. Paxton
Landman

THE ABOVE OFFER IS AGREED TO AND ACCEPTED THIS 21ST DAY
OF JUNE, 2013.

T.H. McElvain Oil & Gas LLLP
By: McElvain Energy Inc., General Partner

A handwritten signature in black ink, appearing to read "David W. Siple".

David W. Siple
Vice President, Land



July 11, 2013

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED 7012 2920 0000 3674 8757

New Mexico Oil Conservation Division
1220 SOUTH ST. FRANCIS DRIVE
Santa Fe, NM 87505

Re: Letter to Withdraw Protest of Sundown Energy LP's application for Injection
State Lea 405 Com Well #1 (API # 30-025-03145)
NW/4 Section 27, 18S 35E, Lea County, NM

To Whom it May Concern:

This letter is to show that Sundown Energy LP ("SELP") and T.H. McElvain Oil & Gas LLLP ("McElvain") have come to an agreement on the protest of McElvain for the subject well and lands. See enclosed letter agreement where McElvain agrees to withdraw any protest for the subject lands.

Should you have any questions concerning this letter, please contact me at 214-368-6100 (ext. 2165) or e-mail me at kpaxton@sundownenergy.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle A. Paxton". The signature is fluid and cursive.

Kyle A. Paxton
Landman

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2013 JUL 15 P 2:17