

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



mesquite RECEIVED

2009 DEC 14 PM 1:51

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]

30-015-24305

[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.

Kay Havenor

Print or Type Name

Kay Havenor

Signature

Agent

Title

12/8/09

Date

KHavenor@georesources.com  
e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance   X   Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval?   X   Yes \_\_\_\_\_ No

II. OPERATOR:   Mesquite SWD, Inc.  

ADDRESS:   P.O. Box 1479 Carlsbad, NM 88221  

CONTACT PARTY:   Kay Havenor   PHONE:   575-622-0283  

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:   Kay Havenor   TITLE:   Agent  

SIGNATURE:   *Kay Havenor*   DATE:   12/7/2009  

E-MAIL ADDRESS:   KHavenor@georesources.com     575-622-0283  

\* 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.

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

## INJECTION WELL DATA SHEET

OPERATOR: Mesquite SWD, Inc.WELL NAME & NUMBER: Clark SWD No. 1WELL LOCATION: 1650' FNL & 2310' FEL  
FOOTAGE LOCATIONUNIT LETTER G SECTION 11 TOWNSHIP 26S RANGE 28EWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 17-1/2" Casing Size: 13-1/2"

Cemented with: 450 sx. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

See attached well diagram

Intermediate Casing

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

Cemented with: 200 sx. or ft<sup>3</sup>

Top of Cement: 2230' Method Determined: N/R

Production Casing

Hole Size: 7-7/8" Casing Size: 4-1/2"

Cemented with: 775 sx. or ft<sup>3</sup>

Top of Cement: 1400' Method Determined: N/R

Total Depth: 5803'

2644 Injection Interval  
Perfs 2692' - 5052' and Open Hole 5130' to 5803' TD

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 3-1/2" L80 upset Lining Material: IPC 1850 coated

Type of Packer: Lok-Set

Packer Setting Depth: Approx 2600 ft

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

Additional Data

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

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

2. Name of the Injection Formation: Delaware Mtn Group: Bell Canyon and Cherry Canyon

3. Name of Field or Pool (if applicable): NA (Not Applicable)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: No commercial Delaware Mountain Group production in the 2-mile area.

Bone Spring is productive to east below 6480' in A-Sec 12, T26S-R28E. Morrow gas is produced in unit F

Sec 5, T26S-R28E outside the 2-mile radius.



Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

SPOT10 Satellite and Matching Topographic Map



Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

**Item VII:**

1. The maximum injected volume anticipated is 20,000 BWPD. Average anticipated is 15,000 BWPD.
2. Injection will be through a closed system.
3. Maximum injection pressure is expected to be 1475 PSI.
4. Sources will be only produced water.
5. Water sample analysis Delaware Formation 30-015-29376 Sec. 1, T25S-R28E, Eddy Co. See figure from WATIS database below. This is the closest Delaware water sample available, approximately 360,000 ppm TDS.

oversaturated!

**NM WAIDS**



**Water Samples for Well HOPI FEDERAL 001**

**API = 3001529367**

**Formation = DEL**

**Field = WILLOW LAKE**

**Current Water Production Information**

**Instructions:**

Click

For general information about this sample.

Click

For scale calculation pages (Stiff-Davis or Oddo Tomson methods).

Click

To select **this water sample** for water mixing. It will lead to the main page, and add the sample ID to the mixing table.

Click **664**

Click the hyperlinked sample number to make a .csv for that sample, or select several check boxes and click Submit for multiple samples

The ions are in (mg/L) units.

SampleID	T	R	S	SO4	CL	CO3	HCO3	K	Na	Ca	Mg
----------	---	---	---	-----	----	-----	------	---	----	----	----

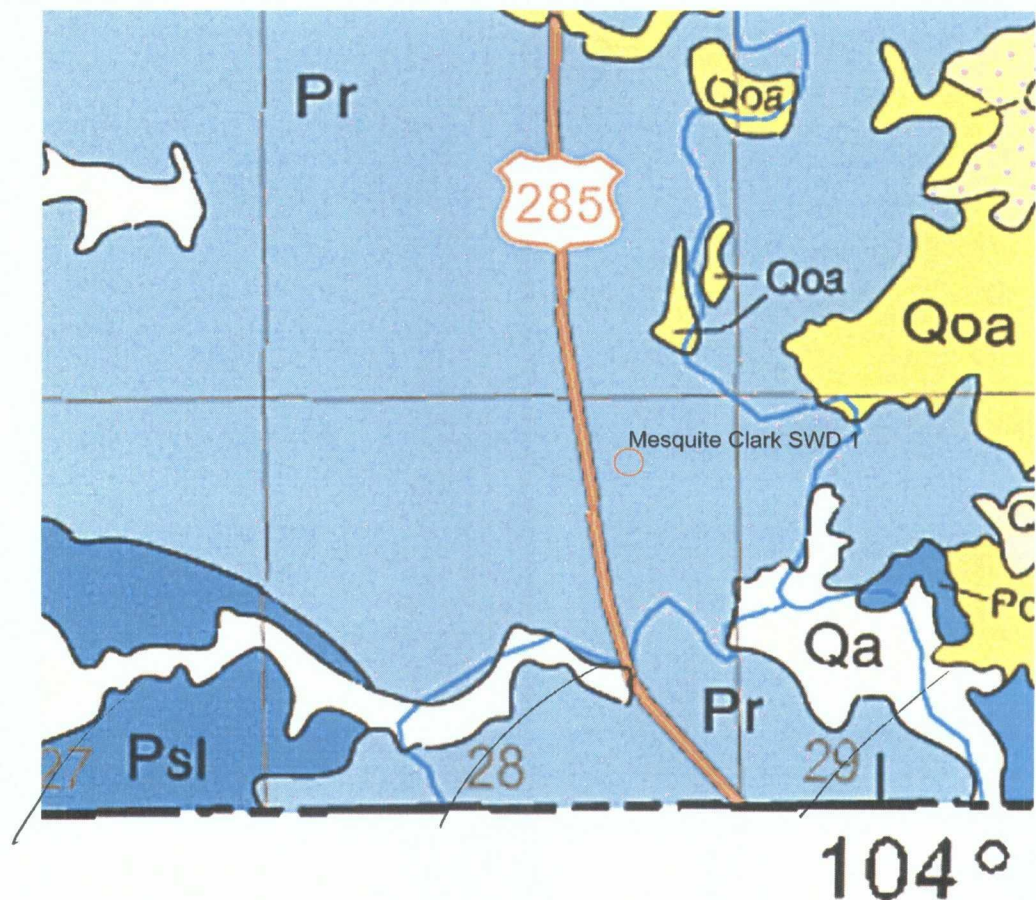
☐ 5869 25S 28E 01 84 221998 0 74 746 109024 25348 2749

☐ SELECT/DESELECT ALL



**Item VIII:**

The surface of the area included in the 2-mile radius, as shown in Item V above, and in the extracted portion of the New Mexico Bureau of Geology State Geological map (2003), shown below. Quaternary alluvium and valley fill deposited on Permian Rustler Formation (Pr). The top of the Rustler is at 510' and top of the first salt in the reentry well is found at 650 ft. The base of the evaporite sequence rests unconformably on the Lamar Limestone of the Delaware Mountain Group at 2590 ft.





**Jones, William V., EMNRD**

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**From:** Kay Havenor [khavenor@georesources.com]  
**Sent:** Friday, January 15, 2010 3:49 PM  
**To:** Jones, William V., EMNRD  
**Subject:** Fresh water analysis  
**Attachments:** W09-052 Marbob MM4Mesquite Water Analysis.pdf

30-015-24305  
Received APP: 12/14/09

Will,

(Rule 5.9 + Letter  
REQUEST)

As per your request for a fresh water sample analysis near the proposed Mesquite SWD, Inc., Clark SWD #1 30-15-24305, G-Sec. 11, T26S-R28E, Eddy Co., I am attaching a Halliburton analysis run June 23, 2009 on a Mesquite water well just to the south.

Mesquite SWD, Inc. Eddy Co. NM OSE C-2160 S located approximately 210' FNL & 2300' FEL of Sec. 14, T26S-R28E. This well is 300 ft deep and is a commercial fresh water supply well for construction and oi/gas operations. It is approximately 3775' due south of the proposed Clark SWD #1 in Sec. 11, T26S-R28E.

I apologize for the delay in getting this back to you. Holidays got in the way. I trust yours were good.

Kay

Kay C. Havenor, Ph.D., PG. CPG  
GeoScience Technologies  
200 West First Street, Suite 747  
Roswell, NM 88203-4678  
(575) 622-0283

~~Rechecked with Vernon~~  
~~Change name well?~~

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This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

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# HALLIBURTON

## PERMAIN BASIN OPERATIONS LABORATORY WATER ANALYSIS REPORT HOBBS, NEW MEXICO

COMPANY Marbob  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REPORT W09-052  
DATE June 23, 2009  
DISTRICT Hobbs

SUBMITTED BY Bret Barrett

WELL MM4 Water Well (Mesquite) DEPTH \_\_\_\_\_ FORMATION \_\_\_\_\_  
COUNTY \_\_\_\_\_ FIELD \_\_\_\_\_ SOURCE \_\_\_\_\_

SAMPLE	_____	_____	_____	_____
Sample Temp.	<u>70</u> °F	_____ °F	_____ °F	_____ °F
RESISTIVITY	<u>2.600</u>	_____	_____	_____
SPECIFIC GR.	<u>1.002</u>	_____	_____	_____
pH	<u>7.85</u>	_____	_____	_____
CALCIUM	<u>1,000</u> mpl	_____ mpl	_____ mpl	_____ mpl
MAGNESIUM	<u>720</u> mpl	_____ mpl	_____ mpl	_____ mpl
CHLORIDE	<u>1,584</u> mpl	_____ mpl	_____ mpl	_____ mpl
SULFATES	<u>2,400</u> mpl	_____ mpl	_____ mpl	_____ mpl
BICARBONATES	<u>183</u> mpl	_____ mpl	_____ mpl	_____ mpl
SOLUBLE IRON	<u>0</u> mpl	_____ mpl	_____ mpl	_____ mpl
KCL	<u>Negative</u>	_____	_____	_____
Sodium	<u>-264</u> mpl	<u>0</u> mpl	<u>0</u> mpl	<u>0</u> mpl
TDS	<u>5,623</u> mpl	<u>0</u> mpl	<u>0</u> mpl	<u>0</u> mpl
OIL GRAVITY	<u>@</u> °F	<u>@</u> °F	<u>@</u> °F	<u>@</u> °F

REMARKS Due to the high concentration of sulfates we would not recommend using this water for cement or frac  
fluids.  
\_\_\_\_\_  
\_\_\_\_\_

MPL = Milligrams per liter  
Resitivity measured in: Ohm/m2/m

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management: it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Co.

ANALYST: MA

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

**Item IX:**

Acid wash of previous and new perforation of sand porosity zones between 2630 - 5052' and in the open hole sand zones between 5130' and TD 5803' may be attempted. No fracturing is planned.

**Item X:**

Logs are on file with the OCD.

**Item XI:**

Several shallow water wells located in the NE/4 of Section 2, 1-mile north of the proposed Mesquite SWD Clark #1 are used for water sales for oil/gas drilling and road projects. There are no chemical analyses available for those wells. Please note Item VIII above.

**Item XII:**

There is no geological evidence of open faults nor hydrologic connection between the disposal zone and any possible underground sources of protectable water.

Clark SWD No. 1  
 1650' FNL & 2310' FEL  
 Sec. 11, T26S-R28E  
 Eddy County, NM

Plugging diagram of 30-015-24305 - the target re-entry.

# PLUG AND ABANDON WELL DIAGRAM

API: 3001524305  
 Operator: Wayne Moore  
 Lease: Clark  
 Location: Sec 11, T26S-R28E Eddy Co., NM  
 Footage: 1650 FNL, 2310 FEL

Well No: 1

KB: 2966

GL: 2953

Spud date: March 18, 1982

Plugged date: August 29, 1990

MSL of TD: -2837

## Surface Csg

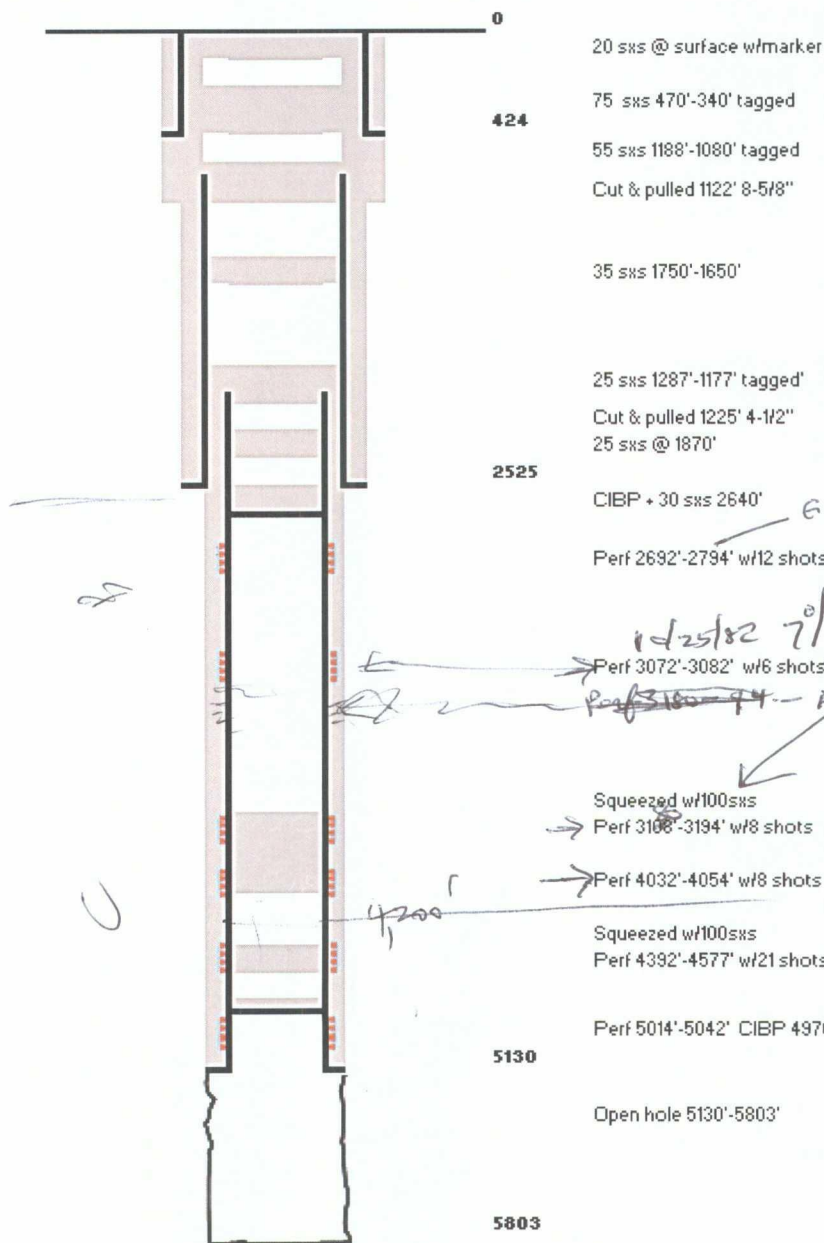
Size: 13-3/8"  
 Set @: 424  
 Sxs cmt: 450  
 Circ: Yes  
 TOC: Surface  
 Hole Size: 17-1/2"

## Intermediate Csg

Size: 8-5/8"  
 Set @: 2525  
 Sxs cmt: 200  
 Circ: No  
 TOC: NR  
 Hole Size: 12-1/4"

## Production Csg

Size: 4-1/2"  
 Set @: 5130  
 Sxs cmt: 1065  
 Circ: No  
 TOC: 1400  
 Hole Size: 7-5/8"



Not to Scale

20 sxs @ surface w/ marker

75 sxs 470'-340' tagged

55 sxs 1188'-1080' tagged

Cut & pulled 1122' 8-5/8"

35 sxs 1750'-1650'

25 sxs 1287'-1177' tagged

Cut & pulled 1225' 4-1/2"

25 sxs @ 1870'

CIBP + 30 sxs 2640'

Perf 2692'-2794' w/ 12 shots

Perf 3072'-3082' w/ 6 shots

Squeezed w/ 100 sxs  
 Perf 3108'-3194' w/ 8 shots

Perf 4032'-4054' w/ 8 shots

Squeezed w/ 100 sxs  
 Perf 4392'-4577' w/ 21 shots

Perf 5014'-5042' CIBP 4970' + 50 sxs +

Open hole 5130'-5803'

*Gas Zone*

*12/25/82 7:24/57  
 ACID, SWAB 30' BOIL  
 ACID/Frac some gas  
 much water*

*4. CIBP 190-200  
 BWPD*



Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Proposed re-entry and completion well diagram

REENTRY AND COMPLETION DIAGRAM

API: 3001524305  
Operator: Mesquire SWD, Inc.  
Lease: Clark SWD  
Location: Sec 11, T26S-R28E Eddy Co., NM  
Footage: 1650 FNL, 2310 FEL

Well No: 1

KB:  
GL: 2953

**Surface Csg**

Size: 13-3/8"  
Set @: 424  
Sxs cmt: 450  
Circ: Yes  
TOC: Surface  
Hole Size: 17-1/2"

**Intermediate Csg**

Size: 8-5/8"  
Set @: 2525  
Sxs cmt: 200  
Circ: No  
TOC: NR  
Hole Size: 12-1/4"

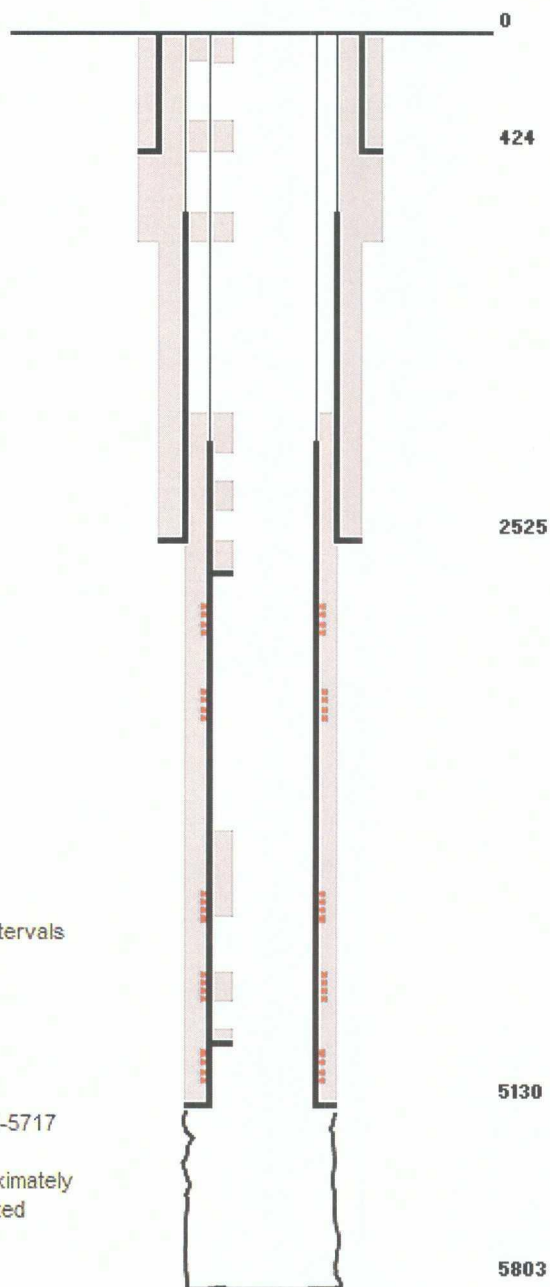
**Production Csg**

Size: 4-1/2"  
Set @: 5130  
Sxs cmt: 1065  
Circ: No  
TOC: 1400  
Hole Size: 7-5/8"

After CO perf casing and acidize intervals  
selectively from 2644 to 5062

Open hole acidize 5342-5382, 5634-5717

Lok-Set packer in 4-1/2" csg approximately  
2630' on 2-1/2" upset IPC 1850 coated



Rigup w/ BOP  
RU drill cement to tag 8-58"

Drill cement 340--470'  
  
DO cement tag 8-5/8" 1225'  
Dress and tie-in 8-5/8" at 1225'  
Circ cement to surface. Test csg.

DO cement & tag 4-1/2" @ 1225'  
Test 8-58" csg  
  
Tie-in 4-1/2" csg. Circ cement.  
Test csg tie-in. DO plug @ 1870'  
2600' for proposed packer seat  
DO cement & CIBP @ 2640'

Original perfs open 3072'-3082'

DO EZ Drill + cement below 3153'  
(Perfs 3108'-3194')

DO BP 3396'  
  
(Perfs 4032'-4054')  
DO EZ Drill @ 4135'  
DO EZ Drill @ 4336" + cement

(Perfs 4392'-4577')  
DO BP + 50 sxs 4970'

(Perfs 5014'-5052')  
DO 4-1/2" casing shoe

Clean and circulate open hole 5130'-5803'

Total depth

Not to Scale

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

NOV 24 1982

O. C. D.  
ARTESIA, OFFICE

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Name of Lease Name CLARK
9. Well No. 1
10. Field and Pool, or Whichever WILDCAT
12. County EDDY

Oil Well ☒ Gas Well ☐ Other ☐

Name of Operator: WAYNE MOORE

Address of Operator: 403 N MARIENFELD MIDLAND, TEXAS 79701

Location of Well: UNIT LETTER G, 1650 FEET FROM THE N LINE AND 2310 FEET FROM THE E LINE, SECTION 11, TOWNSHIP 26S, RANGE 28E, NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
2953 GL

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 OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CALL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1609.

Cemented 4 1/2" 10.5 J55 at 5130'  
1st Stage: 375 sx 65:35 Class "C" 5 % Kolite per sack  
2 % Gel - 1 % Sl .4% D60 .2% D46  
Unable to break circulation for second stage,  
Bond log indicates top cement at 3784'. Perforate 2 holes  
at 3774' and pump 590 sx 65:35 Class "C" 5 % Kolite per sack  
2 % Gel, 1 % Sl .4% D60 .4% D46 add 100 sk Class "C" 2 % CACL  
Top cement at 1400' Will drill out and test.

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

SIGNED: [Signature] TITLE: Co-owner DATE: 11-19-82

APPROVED BY: [Signature] TITLE: OIL AND GAS INSPECTOR DATE: NOV 30 1982

CONDITIONS OF APPROVAL, IF ANY:

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. This form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy <u>626</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1037</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2381</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>2638</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

No. 1, from <u>4032</u> to <u>4085</u> <u>OIL OR GAS</u>	No. 4, from _____ to _____
No. 2, from <u>3180</u> to <u>3215</u> <u>GAS</u>	No. 5, from _____ to _____
No. 3, from <u>3072</u> to <u>3128</u> <u>OIL</u>	No. 6, from _____ to _____

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>NONE</u> to _____ feet	
No. 2, from _____ to _____ feet	
No. 3, from _____ to _____ feet	
No. 4, from _____ to _____ feet	

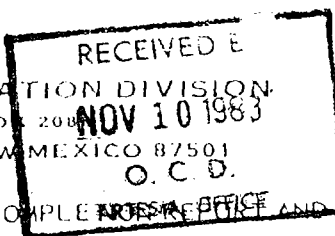
## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	626	626	Salado - GYP				
626	1839	1213	Anhydrite				
1839	2011	172	Salt				
2011	2092	81	Anhydrite				
2092	2381	289	Salt				
2381	2582	201	Sand & Anhydrite				
2582	2638	56	Lime				
2638	5803		Delaware				
5803	TD	3221					

Clark #1

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 200  
SANTA FE, NEW MEXICO 87501  
O. C. D.



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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Indicate Type of Lease  
State ☐ Fee ☒  
6. State Oil & Gas Lease No.

1. TYPE OF WELL  
Oil Well ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
2. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. NEUVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Clark

9. Well No.

#1

10. Field and Pool, or Wildcat

WILDCAT - Del Norte

Name of Operator

WAYNE MOORE

Address of Operator

403 N. MARIENFELD MIDLAND TEXAS 79701

Location of Well

11. LETTER G LOCATED 1980 FEET FROM THE N LINE AND 2310 FEET FROM

12. County

EDDY

13. E LINE OF SEC. 11 TWP. 26S RGE. 28E

14. Date Spudded	15. Date T.D. Reached	16. Date Compl. (Ready to Prod.)	17. Elevations (DF, RKB, RT, GR, etc.)	18. Elev. Casinghead
10-18-82	11-11-82	9-25-83	2953 GL	2956'

19. Total Depth	20. Plug Back T.D.	21. If Multiple Compl., How Many	22. Intervals Drilled By	23. Rotary Tools	24. Cable Tools
5803	3146		26' - 5803'	0 - 26'	

25. Producing Interval(s), of this completion - Top, Bottom, Name

3072 - 3082 BELL CANYON

26. Was Directional Survey Made

YES

27. Type Electric and Other Logs Run

Dual Laterlog Densilog Neutron Gamma Ray

28. Was Well Cored

NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	61#	424	17 1/2	460 SX	0
8 5/8	32#	2525	12 1/4	200 SX	0
4 1/2	10.5	5130	7 7/8	1065 SX	0

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. PERFORATION RECORD (Interval, size and number)

See attached

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
SEE ATTACHED INFORMATION	

PRODUCTION

32. First Production	33. Production Method (Flowing, gas lift, pumping - Size and type pump)	34. Well Status (Prod. or Shut-in)
10-25-82	PUMPING	PRODUCING

35. Date of Test	36. Hours Tested	37. Choke Size	38. Profit'n. For Test Period	39. Oil - Bbl.	40. Gas - MCF	41. Water - Bbl.	42. Gas - Oil Ratio
10-25-82	24	-		6	35	51	1700 - 1

43. Flow Tubing Press.

44. Casing Pressure

45. Calculated 24-Hour Rate

46. Oil - Bbl.

47. Gas - MCF

48. Water - Bbl.

49. Oil Gravity - API (Corr.)

50. Disposition of Gas (Sold, used for fuel, vented, etc.)

used to operate equipment

51. Test Witnessed By

Tom E. Moore

52. List of Attachments

Perforation stimulation and squeeze record

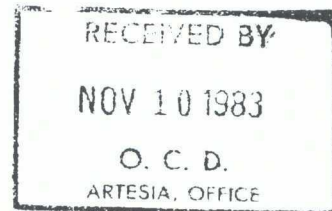
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED DATE 11-2-83

TITLE



TOM E. MOORE  
REGULATORY SERVICES BUILDING  
M.D. AND TEXAS 79701



Interval #1 5014 - 17 - 22 - 24 - 27 - 34 - 40 - 48 - 52  
1, .4" shot per foot

Acidize with 1000 gals 7½ % NE FE  
Set BP @ 9970 with 50' cement on top

Interval #2 4392- 4400 - 23 - 26 - 28 - 33 - 35 - 41 - 44 - 49 -  
54 - 69 - 4500 - 06  
4511 - 50 - 54 - 66 - 70 - 72 - 77  
1, .4" shot per foot

Acidize with 2500 gals 7½% NE FE Acid

Set EZ Drill at 4524 and squeeze with 135 sx class  
C Cement

Set EZ Drill at 4336 and squeeze with 100 sx C cement

Set EZ Drill at 4135 - cannot pump into well

Interval #3 4032 - 34 - 36 - 38 - 47 - 49 - 52 - 54  
1, .4" shot per foot

Acidize with 2000 gals 7½% DSCO Acid  
Frac 20000 gals 2% KCL and 46,000 lbs 20/40 sand

Well produce 4 - 6 bbls oil per day  
plus 150-200 bbls water per day

set BP at 3396

Interval #4 3180- 84 - 86 - 88 - 90 - 94  
1, .4" shot per foot

Acidize with 1000 gals NE FE

Frac 10,000 gal 2% KCL, 20,000 20/40 sand

Well made some gas, but too much water

Set EX Drill @ 3153 and squeezed with 100 sx C  
20% CRLC

Interval #5 3072 - 74 - 76 - 78 - 80 - 82  
2, .4" shots per foot

Acidize with 1000 gals 7½ % NE FE

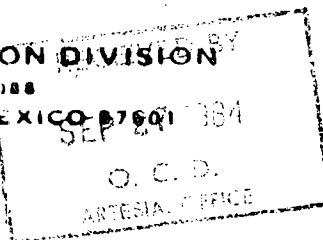
Swab 4 bbl per hour 25-30% Oil

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTA FE, NEW MEXICO 87501-0884

Form C-183  
Revised 12-1-78

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OPERATOR	<input checked="" type="checkbox"/>



SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator: WAYNE MOORE ✓

Address of Operator: 403 N. Marienfeld, Midland, Texas 79701

Location of Well: G 1650 FEET FROM THE N LINE AND 2310 FEET FROM THE E LINE, SECTION E 11 TOWNSHIP 26S RANGE 28E N.M.P.M.

4. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

6. Unit Agreement Notice

7. Form or Lease Name  
Clark

8. Well No.  
#1

9. Field and Pool, or Wildcat  
Wildcat - Delaware

10. County  
Eddy

11. Elevation (Show whether DP, RT, GR, etc.)  
3222 GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
FORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
UPPERLY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
LL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <input type="checkbox"/>	

Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of completing any proposed work) SEE RULES 116a.

Set Bridge Plug @ 2870' and perforate  
Stimulate and test as necessary  
Bell Canyon Zone 2692 - 2724

POSSIBLE Gas Zone  
BUT did not Yield

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

Original Signed By: Leslie A. Clements TITLE: Partner DATE: 7/31/84

Approved By: Supervisor District II TITLE:  DATE: FEB 14 1985

INDICATIONS OF APPROVAL, IF ANY:

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1405.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

T. Anhy <b>465</b>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <b>1890</b>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt <b>2430</b>	T. Atoka	T. Fictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. <b>Laker 2620</b>	T. Chinle	T.
T. Penn.	T. <b>Ramsay 2676</b>	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from <b>None</b> to	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, from to	No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <b>135</b> to <b>145</b> feet.	<b>Fresh Water</b>
No. 2, from <b>1576</b> to <b>1580</b> feet.	<b>Sulphur Water</b>
No. 3, from to feet.	
No. 4, from to feet.	

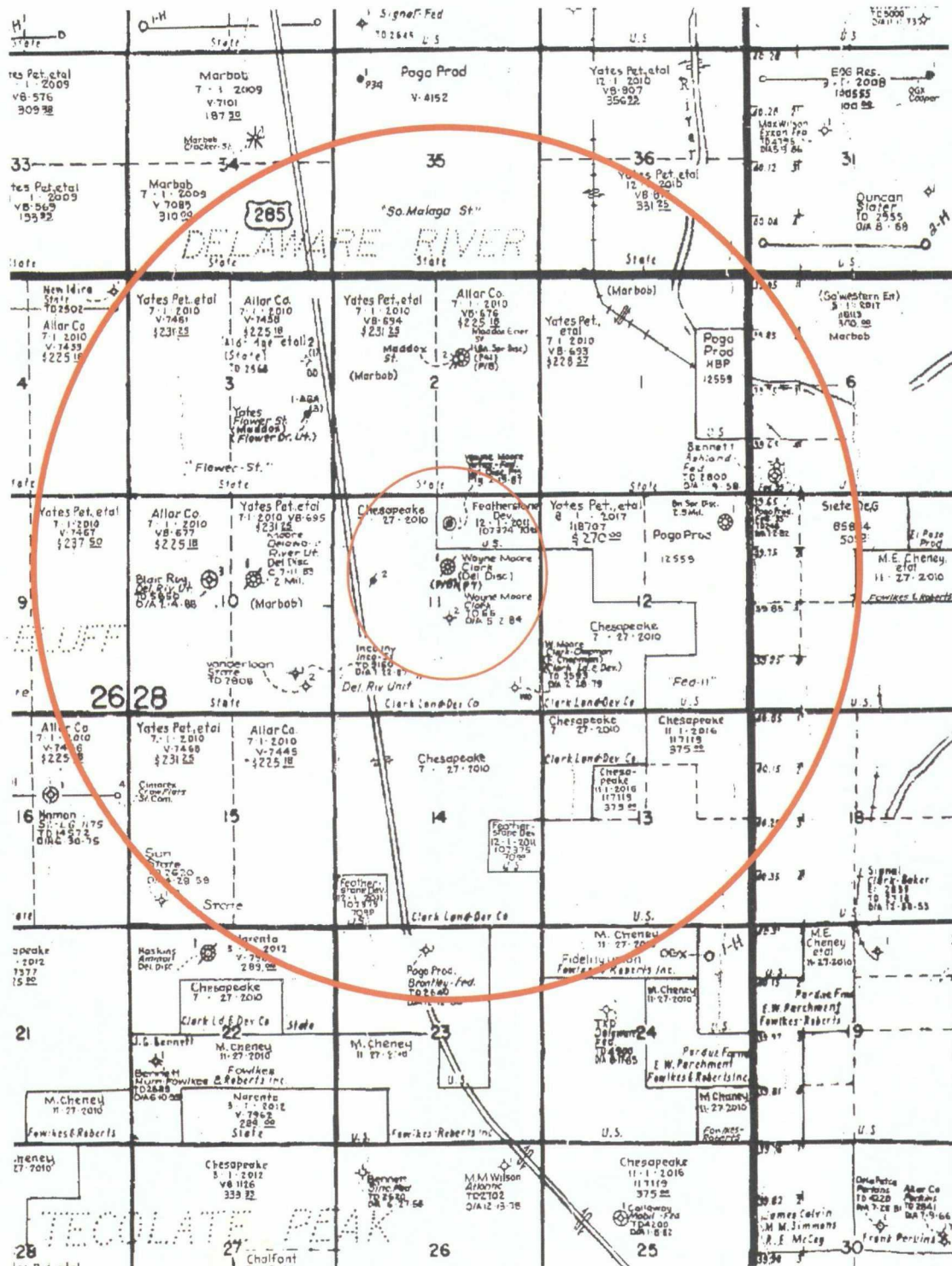
## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Surface Gravel				
25	465	440	Shale & Sand				
465	570	105	Anhydrite				
570	1890	1320	Anhydrite & Shale				
1890	2045	155	Salt				
2045	2430	385	Salt & Anhydrite				
2430	2623	193	Anhydrite				
2623	2640	17	Black Lime				
2640	3125	485	Sand & Shale				
3125	3155	30	Sand & Chert				
3155	3593	438	Sand, Lime & Shale				

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Item V:

Area of Review  
½ Mile AOR and 2 Mile Radius

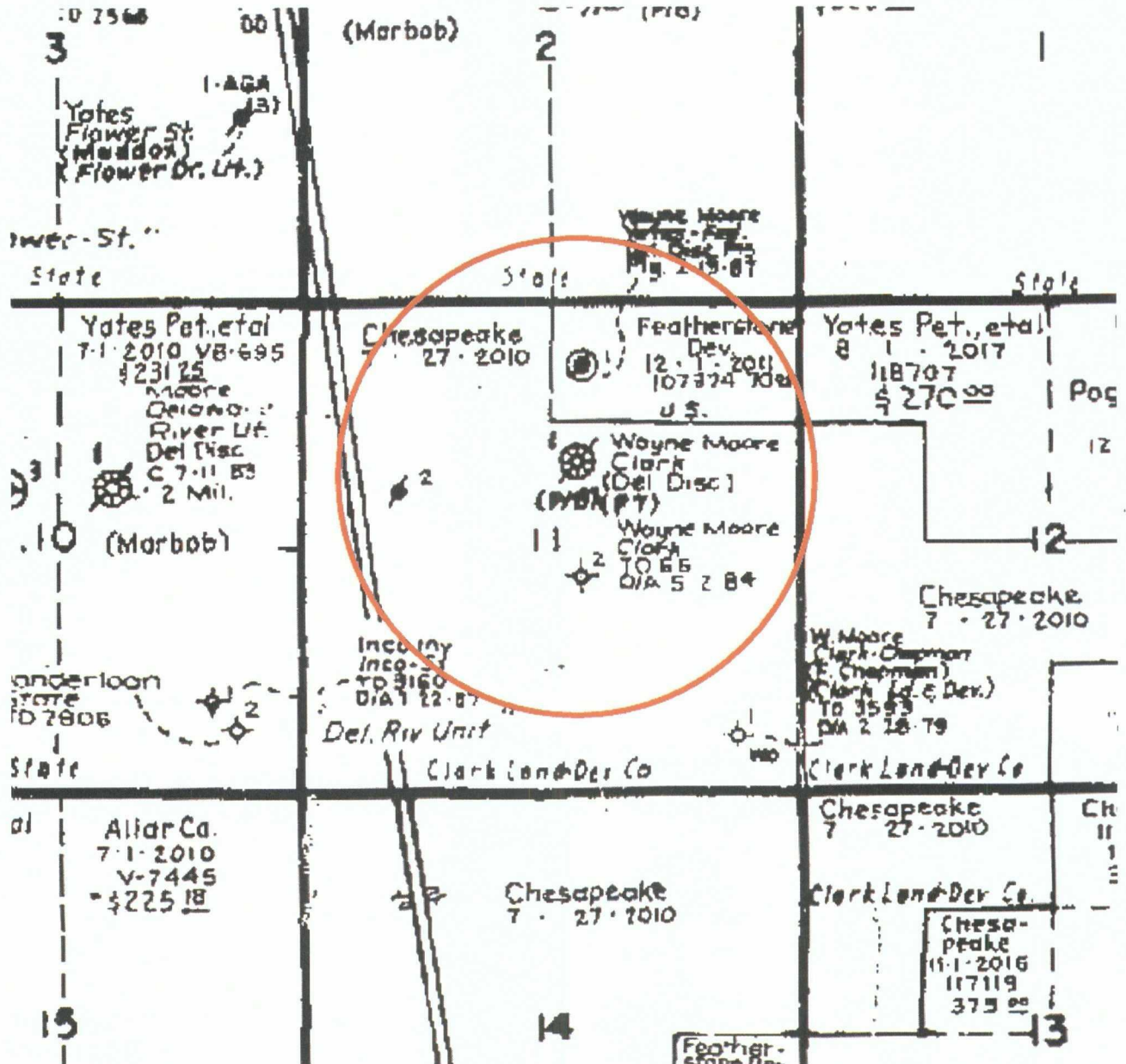




Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Enlarged View of AOR  
Centered in Unit G Sec. 11, T26S-R28E  
Eddy Co., NM

Item V(a):



# Well Selection Criteria Quick Print

(WH\_SEC = 11 and WH\_TWPN = 26 and WH\_TWPD Like 'S' and WH\_RNGN = 28 and WH\_RNGD Like 'E')

API Well #	Well Name and No.	Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt	Lst Insp Dt
30-015-24341-00-00	PRE-ONGARD WELL ✓	PRE-ONGARD WELL OPERATOR	O	P	Eddy	F	B	11	26 S	28 E	660 N	2310 E		
30-015-24784-00-00	DELAWARE RIVER UNIT ✓	WAYNE MOORE	O	P	Eddy	P	E	11	26 S	28 E	1980 N	990 W		9/28/1999
30-015-24305-00-00	CLARK ✓	WAYNE MOORE	O	P	Eddy	P	G	11	26 S	28 E	1650 N	2310 E	NSL-2075	9/28/1999
30-015-24807-00-00	PRE-ONGARD WELL	PRE-ONGARD WELL OPERATOR	O	C	Eddy		J	11	26 S	28 E	2310 S	2310 E		
<del>30-015-22734-00-00</del>	<del>PRE-ONGARD WELL</del>	<del>PRE-ONGARD WELL OPERATOR</del>	<del>O</del>	<del>C</del>	<del>Eddy</del>	<del>P</del>	<del>11</del>	<del>26 S</del>	<del>28 E</del>	<del>660 S</del>	<del>660 E</del>			

Never Drilled

Drilled to 360' & PLUGGED in Late 1970s

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Item VI: Data on wells in AOR.

All Known Wells in AOR

API	WELL NAME	STATUS	UNIT	SEC	TOWNS	RANGE	NS	EW	OPERATOR	LAND	SPUD DATE	PLUG DATE	ELEV-GL	TVD-DEPTH	Highest Perf
1 3001524341	Joseph Federal 1	P&A	B	11	26S	28E	660-N	2310-E	Wayne Moore	Fed	11/28/1982	2/19/1998	2975	4594	4110 ✓
2 3001524784	Delaware River Unit 2	P&A	E	11	26S	28E	1980-N	990-E	Wayne Moore	Fee	3/11/1984	10/27/1997	2972	4954	4457 ✓
3 3001524305	Clark 1	P&A	G	11	26S	28E	1650-N	2310-E	Wayne Moore	Fee	10/18/1982	8/29/1990	2953	5803	3072 ✓

Item VI(a): Construction of wells in the AOR:

1. 30-015-24341 Wayne Moore Joseph Federal 1, B-Sec. 11-T26S-R28E 8-5/8" @ 2556' w/1580 sxs circulated. 5-1/2" @ 4700" w/625 sxs TOC 2000' (temp surv). Perf (OA) 4110'-4432' P&A 235 sxs 4587'-2750', 70 sxs tagged @ 2490'. 15 sxs 120' to surface. 2/19/1988. ✓
2. 30-015-24784 Wayne Moore Delaware River Unit 2, E-Sec. 11-T26S-R28E 13-3/8" @ 401' w/425 sxs circulated. 8-5/8" @ 2459' w/200 sxs TOC N/R. 5-1/2" @ 4954 w/775 sxs TOC 2200'. Perfs 4467'-4482' and 4601'-4609'. P&A CIBP 4400' w/35 sxs. 25 sxs 2609'-2509' tagged. 45 sxs 2250'-2122' tagged. Pulled 2200' 5-1/2". 35 sxs 1750'-1650' tagged. Pulled 1014' 8-5/8". 60 sxs 1050'-942' tagged. 60 sxs 451'-330' tagged. 50 sxs 30' to surface. ✓
3. 30-015-24305 Wayne Moore Clark 1, G-Sec. 11-T26S-R28E 13-3/8" @ 424' w/450 sxs circulated. 8-5/8" @ 2525' w/200 sxs. TD 5803'. 4-1/2" 5130' w/1065 sxs TOC 1400'. Perf 5014'-5052'. CIBP 4970' + 50 sxs. Perf 4392'-4577' w/21 shots. Sqz w/100 sxs. Perf 4032'-4054' w/8 shots. Perf 3108'-3194' w/8 shots. Sqz w/100sxs. Perf 3072'-3082' w/6 shots. Perf 2692'-2794' w/12 shots. CIBP 2640' + 30 sxs. 25 sxs @ 1870'. Cut and pulled 1225' 4-1/2". 25 sxs @ 1287' tagged @ 1177'. Cut and pulled 1121' 8-5/8". 55 sxs @ 1188'. Tagged @ 1180'. 75 sxs @ 470' tagged @ 340'. 20 sxs at surface. Target re-entry well. ✓

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2080  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

FEB 26 1979

O.C.C.

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 <input type="checkbox"/>	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2. Name of Operator <b>Ford Chapman &amp; Associates</b>	5. State Oil & Gas Lease No.
3. Address of Operator <b>c/o Oil Reports &amp; Gas Services, Inc., Box 763, Hobbs, NM 88240</b>	7. Unit Agreement Name
4. Location of Well UNIT LETTER <b>P</b> <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE SECTION <b>11</b> TOWNSHIP <b>26 S</b> RANGE <b>28 E</b> N.M.P.M.	8. Farm or Lease Name <b>Clark Land &amp; Development Company</b>
	9. Well No. <b>1</b>
	10. Field and Pool, or Wildcat <b>Wildcat</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>2949.5 GR</b>	12. County <b>Eddy</b>

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 checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <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"/>	

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.

*Casing hole 10 3/4" - 306 - circ.  
7" - 1596 to be pulled.*

**Well to be plugged for abandonment as follows:**

25 sacks at total depth, 3620  
25 sacks 2500-2600 to cover top La Mar @ 2620  
25 sacks 1750 to 1850 to isolate Salt section 1890 to 2430  
35 sacks 1525 to 1625 to cover sulphur water seep at 1576  
40 sacks 250 to 350 across casing shoe at 366  
10 sacks at surface with regulation marker  
Mud between all plugs

*out of AOR  
wells SE of subject well*

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

SIGNED *Harold H. Hines* TITLE Agent DATE 2/24/79

APPROVED BY *W. A. Gussett* TITLE SUPERVISOR, DISTRICT II DATE FEB 27 1979

CONDITIONS OF APPROVAL, IF ANY:



Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Plugging diagram of 30-015-24784.

### PLUG AND ABANDON WELL DIAGRAM

API: 3001524784  
Operator: Wayne Moore  
Lease: Delaware River Unit  
Location: Sec 11, T26S-R28E Eddy Co., NM  
Footage: 1980 FNL, 990 FwL

Well No: 2

KB: 2984  
GL: 2972  
Spud date: March 11, 1984  
Plugged date: August 18, 1997  
MSL of TD: -1970

#### Surface Csg

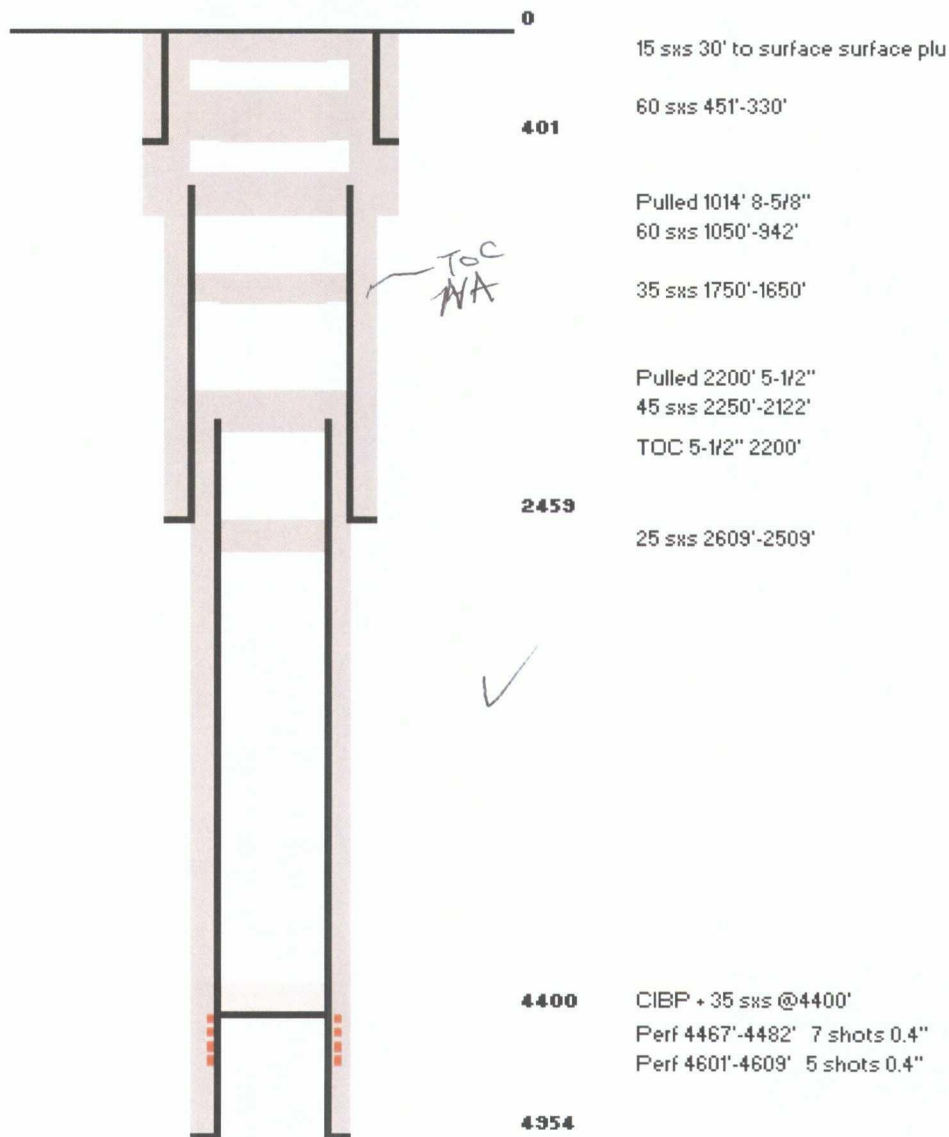
Size: 13-3/8"  
Set @: 401  
Sxs cmt: 425  
Circ: Yes  
TOC: Surface  
Hole Size: 17-1/2"

#### Intermediate Csg

Size: 8-5/8"  
Set @: 2459  
Sxs cmt: 200  
Circ: No  
TOC: NR  
Hole Size: 12-1/4"

#### Production Csg

Size: 5-1/2"  
Set @: 4954  
Sxs cmt: 775  
Circ: No  
TOC: 2200  
Hole Size: 7-5/8"



Not to Scale

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

WELL API NO.	30015 24784
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	19990

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"/>	7. Lease Name or Unit Agreement Name  Delaware River Unit
2. Name of Operator Wayne Moore	
3. Address of Operator 403 N. Marienfeld, Midland, Texas 79701	
4. Well Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>26S</u> Range <u>28E</u> NMPM <u>Eddy</u> County	8. Well No. <u>2</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>2972' GL</u>	

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.

- A. Set CIBA @ 4500'.  
B. 35 sx cement on top CIBP.  
C. 25 sx cement 2609' to 2509'.  
D. 35 sx cement @ 5-1/2 casing stub (2200') and tag plug.  
E. 60 sx cement at 8-5/8 casing stub (800') and tag plug.  
F. 60 sx cement 451' to 351'. - Tag  
G. 10 sx cement at surface.  
H. Install dry hole marker.

Will commence plugging 7-15-97.

Notify N.M.O.C.C. in sufficient time to witness

Tags

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

SIGNATURE Tom E. Moore TITLE Operations Manager DATE 7-1-97  
TYPE OR PRINT NAME Tom E. Moore TELEPHONE NO. (915) 6828691

(This space for State Use)

APPROVED BY B6A TITLE  DATE 7-8-97

# INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy <u>614</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>1010</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt <u>2352</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand <u>2642</u>	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

### OIL OR GAS SANDS OR ZONES

No. 1, from <u>4214</u> to <u>4248</u>	No. 4, from _____ to _____
No. 2, from <u>4467</u> to <u>4482</u>	No. 5, from _____ to _____
No. 3, from <u>4601</u> to <u>4609</u>	No. 6, from _____ to _____

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

### FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	614	614	Salado - Gyp				
614	1840	1226	Anhydrite				
1840	2010	170	Salt				
2010	2100	90	Anhydrite				
2100	2412	312	Salt				
2412	2600	188	Sand & Anhydrite				
2600	2642	42	Lime				
2642	4954	2312	Delaware				

*Delaware River  
#2  
30-015-24784*

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

Plugging diagram of 30-015-24341

### PLUG AND ABANDON WELL DIAGRAM

API: 3001524341  
Operator: Wayne Moore  
Lease: Joseph Federal  
Location: Sec 11, T26S-R28E Eddy Co., NM  
Footage: 660 FNL, 2310 FEL

Well No: 1

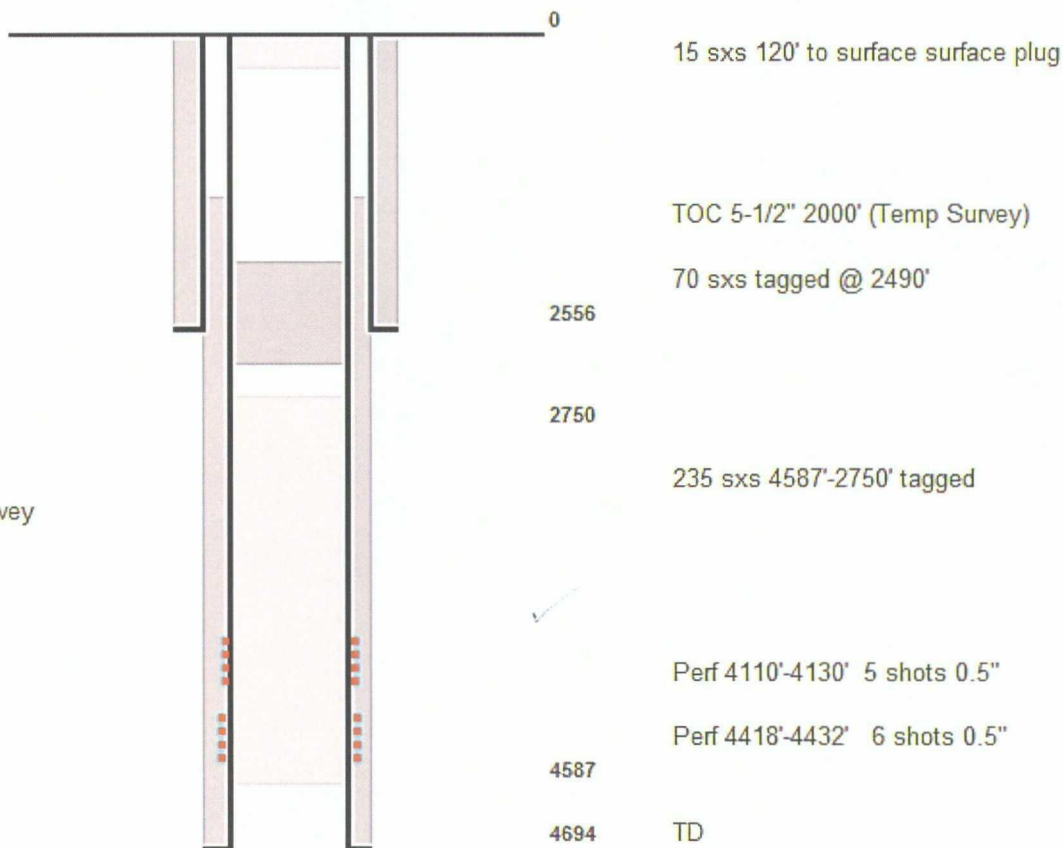
KB: 2985  
GL: 2975  
Spud date: November 28, 1982  
Plugged date: February 19, 1988  
MSL of TD: -1709

#### Intermediate Csg

Size: 8-5/8"  
Set @: 2556  
Sxs cmt: 1580  
Circ: Yes  
TOC: Surface  
Hole Size: 12-1/2"

#### Production Csg

Size: 5-1/2"  
Set @: 11781  
Sxs cmt: 625  
Circ: No  
TOC: 2000 temp survey  
Hole Size: 7-5/8"



Not to Scale

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

## Legal Notice Publication

### Affidavit of Publication

NO. 20945.

STATE OF NEW MEXICO

County of Eddy:

GARY D. SCOTT being duly

sworn, says: That he is the PUBLISHER of The

Artesia Daily Press, a daily newspaper of general  
circulation, published in English at Artesia, said county  
and county and state, and that the here to attached

#### Legal Notice

was published in a regular and entire issue of the said  
Artesia Daily Press, a daily newspaper duly qualified  
for that purpose within the meaning of Chapter 167 of  
the 1937 Session Laws of the state of New Mexico for  
1 Consecutive week/days on the same  
day as follows:

First Publication December 9, 2009

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Subscribed and sworn to before me this

9 Day December 2009



OFFICIAL SEAL  
Jo Morgan  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 6/6/12

Jo Morgan  
Notary Public, Eddy County, New Mexico

### Copy of Publication:

#### LEGAL NOTICE

**Legal Notice**  
Mesquite SWD, Inc., c/o  
Kay Havenor, 200 W. 1st  
Street, Suite 747,  
Roswell, NM 88203, (575)  
622-0283, is seeking  
approval from the New  
Mexico Oil Conservation  
Division to re-enter the  
Wayne Moore Clark No.1  
well API: 30-015-24305,  
located 1650 feet from  
the north line and  
2310 feet from the east  
line of Section 11, T26S,  
R28E, Eddy County, N.M.  
and complete for  
commercial produced  
water disposal as the  
Mesquite SWD, Inc.,  
Clark SWD #1.

The proposed disposal  
interval is the Delaware  
Mountain Group through  
perforations from 2644  
feet to 5052 feet (over-all)  
and open-hole from 5130  
feet to 5803 feet.

Mesquite SWD, Inc. plans  
to dispose of a maximum  
of 20,000 BWPD with a  
maximum pressure  
of 1,475 psi.

Parties with questions  
regarding this proposal  
can contact Kay Havenor  
at the address or phone  
number above.

Interested parties must  
file objections or requests  
for hearing within 15 days  
to the Oil

Conservation Division:  
1220 S. St. Francis Dr.,  
Santa Fe, NM 87505.

Published in the Artesia  
Daily Press, Artesia, N.M.  
December 9, 2009.  
Legal No. 20945

Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

**Item XIII:**

**Notification List**

Bureau of Land Management  
c/o Carlsbad Field Office  
620 E. Greene Street  
Carlsbad, NM 88220

*For Mineral*

**Surface Owner:**

Delaware Ranch, Inc.  
706 W. Riverside Dr.  
Carlsbad, NM 88220

**Operators:**

The Allar Company  
P. O. Box 1567  
Graham, TX 76450

Chesapeake Exploration, LLC  
P. O. Box 18496  
Oklahoma City, OK 73154

Featherstone Development Corp.  
400 N. Pennsylvania Suite 850  
Roswell, NM 88201

Yates Petroleum Corporation  
105 S. 4th Street  
Artesia, NM 88210



Clark SWD No. 1  
1650' FNL & 2310' FEL  
Sec. 11, T26S-R28E  
Eddy County, NM

## Certified Mail Receipts

7009 1410 0001 2564 0280

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Return Receipt Fee (Endorsement Required)	\$ 2.30	
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 6.49	12/08/2009

Sent To  
Bureau of Land Management  
Street, Apt. No.,  
or PO Box No. 620 E. Greene St.  
City, State, ZIP+4  
Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

7008 2810 0001 9039 5683

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Certified Fee	\$ 2.80	
Return Receipt Fee (Endorsement Required)	\$ 2.30	
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 6.49	12/08/2009

Sent To  
Featherstone Development Corp  
Street, Apt. No.,  
or PO Box No. 400 N. Pennsylvania Ste 850  
City, State, ZIP+4  
Roswell, NM 88201

PS Form 3800, August 2006 See Reverse for Instructions

7008 2810 0001 9039 5706

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Certified Fee	\$ 2.80	
Return Receipt Fee (Endorsement Required)	\$ 2.30	
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 6.49	12/08/2009

Sent To  
Yates Petroleum Corp.  
Street, Apt. No.,  
or PO Box No. 105 S. 4th St.  
City, State, ZIP+4  
Artesia, NM 88210

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Total Postage & Fees	\$ 6.49	12/08/2009

Sent To  
Chesapeake Exploration, LLC  
Street, Apt. No.,  
or PO Box No. P.O. Box 18496  
City, State, ZIP+4  
Oklahoma City, OK 73154

PS Form 3800, August 2006 See Reverse for Instructions

7008 2810 0001 9041 7576

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Certified Fee	\$ 2.80	03
Return Receipt Fee (Endorsement Required)	\$ 2.30	
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 6.49	12/08/2009

Sent To  
The Allar Company  
Street, Apt. No.,  
or PO Box No. P.O. Box 1567  
City, State, ZIP+4  
Graham, TX 76450

PS Form 3800, August 2006 See Reverse for Instructions

7009 1410 0001 2564 0297

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**OFFICIAL USE**

Postage	\$ 1.39	0602
Certified Fee	\$ 2.80	05
Return Receipt Fee (Endorsement Required)	\$ 2.30	
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 6.49	12/11/2009

Sent To  
Delaware Ranch, Inc  
Street, Apt. No.,  
or PO Box No. 706 W. Riverside Dr.  
City, State, ZIP+4  
Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Wednesday, December 16, 2009 5:52 PM  
**To:** 'Kay Havenor'  
**Cc:** Ezeanyim, Richard, EMNRD; Dade, Randy, EMNRD; Reeves, Jacqueta, EMNRD; 'Wesley\_Ingram@blm.gov'; Sanchez, Daniel J., EMNRD; Macquesten, Gail, EMNRD  
**Subject:** Disposal application on behalf of Mesquite SWD, Inc. : Clark SWD #1 30-015-24305 Delaware Mountain Group

Hello Mr. Havenor:

Just reviewed this application and have a few items:

- a. Would you please send another Wellbore diagram of how the well will look after re-entry and conversion to injection. I could not tell if Mesquite plans to re-install pipe or not. The pipe size listed on the C-108 was 5-1/2, but the well file says they ran 4-1/2 inch. If you have also a workover program, that may help show what is planned.
- b. Please ask someone to capture a fresh water sample (and have it analyzed) from at least one fresh water source - in Section 2 to the north.
- c. Due to this very large disposal interval, mixing open hole and perforations, the resulting permit would require an injection profile with tracer and temperature log to be done along with a step rate test prior to any pressure increase beyond the beginning 528 psi maximum surface pressure.
- d. Your newspaper notice has a slightly differing top injection depth than the application – which is correct?
- e. I see where Wayne Moore had applied for a 160 acre, GAS completion in the Bell Canyon. Do you know why? Is there a possibility the Delaware in this area has a gas cap?
- f. Please list the most likely formations that would yield waste water for disposal into this commercial disposal well and the Pool names if you can locate them.

The biggest issue is that Mesquite SWD, Inc. has too many inactive wells according to OCD Rule 5.9. This means that no disposal or injection permits can be issued to Mesquite until this issue is resolved. Please pass this news on and suggest Mesquite contact Daniel Sanchez or Gail MacQuesten of this office to arrive at a plan with a schedule for reducing the number of inactive wells.

Despite all this,  
Hope you have a nice holiday!

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

**Jones, William V., EMNRD**

---

**From:** Kay Havenor [khavenor@georesources.com]  
**Sent:** Thursday, December 17, 2009 11:14 AM  
**To:** Jones, William V., EMNRD  
**Subject:** Re: Disposal application on behalf of Mesquite SWD, Inc. : Clark SWD #1 30-015-24305 Delaware Mountain Group  
**Attachments:** Injection Well Data Sheet.pdf; 3001524305-Moore Reentry-G-11-24S-28E.pdf

Will,

Thank you for the detail.

re: a. Attached is a replacement for the Injection Well Data Sheet, which is page 3 of our package. It corrects the 5-1/2" casing notation with the correct 4-1/2" casing size.

Attached is a well Reentry and Completion Diagram that will replace the one on page 14 (unnumbered) of our C-108. This now shows tubing and packer location and better shows relative perf zones.

b. We will promptly address collection of water samples from Sec. 2 for analysis.

c. Those conditions are satisfactory.

d. The newspaper notice is the correct depth. <sup>894</sup>2644-5803 That change is also on the attached Injection Well Data Sheet.

e. The reason for a application for a gas proration unit is unknown. There are about 4 single one-foot density-neutron cross-overs (other than in high-clay zones) that indicate to me a lack of gas accumulations of any consequence. No drilling incidents in any of the wells drilled on this leasehold suggest any gas.

f. Delaware and Bone Springs are probably going the majority of water sources that will be handled. Bone Springs will be increasingly more important.

I will advise Clay Wilson to contact Mr. Sanchez or MacQuesten.

Have great Holiday's.

Kay

At 05:52 PM 12/16/2009, you wrote:

Hello Mr. Havenor:

Just reviewed this application and have a few items:

a. Would you please send another Wellbore diagram of how the well will look after re-entry and conversion to injection. I could not tell if Mesquite plans to re-install pipe or not. The pipe size listed on the C-108 was 5-1/2, but the well file says they ran 4-1/2 inch. If you have also a workover program, that may help show what is planned.

b. Please ask someone to capture a fresh water sample (and have it analyzed) from at least one fresh water source - in Section 2 to the north.

c. Due to this very large disposal interval, mixing open hole and perforations, the resulting permit would require an injection profile with tracer and temperature log to be done along with a step rate test prior to any pressure increase beyond the beginning 528 psi maximum surface pressure.

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e. I see where Wayne Moore had applied for a 160 acre, GAS completion in the Bell Canyon. Do you know

*Send Notice?*

why? Is there a possibility the Delaware in this area has a gas cap?

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Hope you have a nice holiday!

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

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Kay C. Havenor, Ph.D., PG. CPG  
GeoScience Technologies  
200 West First Street, Suite 747  
Roswell, NM 88203-4678  
(575) 622-0283

---

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**Jones, William V., EMNRD**

---

**From:** Bryan Arrant [bryan.arrant@chk.com]  
**Sent:** Thursday, March 04, 2010 12:56 PM  
**To:** Jones, William V., EMNRD  
**Cc:** Rachel Friedman  
**Subject:** FW: Mesquite SWD, Inc.'s SWD Application - Sec. 11-26S-28E, Eddy Co., NM

Will,  
Please see comments from one of our geologist back in December below.  
Her email is attached above and her phone # is 405-935-7996 if she can help in answering any questions.

Thank you,  
*Bryan Arrant*  
Senior Regulatory Compliance Specialist  
Chesapeake Energy Corporation  
6100 N. Western Avenue  
Oklahoma City, OK 73118  
Office: (405)-935-3782  
Fax: (405) 849-3782  
E-mail: [Bryan.Arrant@chk.com](mailto:Bryan.Arrant@chk.com)

---

**From:** Rachel Friedman  
**Sent:** Tuesday, December 15, 2009 4:00 PM  
**To:** Justin Zerkle; David Godsey  
**Cc:** Robert Martin; Jeff Finnell  
**Subject:** RE: Mesquite SWD, Inc.'s SWD Application - Sec. 11-26S-28E, Eddy Co., NM

I've looked at this proposal, there is one Delaware and Bone Spring Producer a little over a mile away, the remaining wells in the 2 mile radius are plugged or inactive.  
I don't see any reason to object. We could try to get disposal rights from them, like on the previous well since the well is on our lease hold.  
Please let me know if you have any questions at all.  
Thanks,

Rachel Friedman

*UNIT D of Sec II may be UPDIP  
OF THE SUBJECT well — Chesapeake is  
not interested in drilling...*

---

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# Injection Permit Checklist (11/30/09)

Case \_\_\_\_\_ R- \_\_\_\_\_ SWD 1205 WFX \_\_\_\_\_ PMX \_\_\_\_\_ JPI \_\_\_\_\_ Permit Date \_\_\_\_\_ UIC Qtr (T/F/M)  
 # Wells 1 Well Name: Clark SWD #1 (was Wayne Mark Clark #1)  
 API Num: (30-) 015-24305 Spud Date: 10/18/82 New/Old: N (UIC primacy March 7, 1982)  
 Footages 1650 FM/2310 FEL Unit G Sec 11 Tsp 26S Rge 28E County Eddy  
 Operator: MESQUITE SWD, INC Contact Kay Havenor  
 OGRID: 161968 RULE 5.9 Compliance (Wells) 3/14 X (Finan Assur) \_\_\_\_\_

Operator Address: P.O. Box 1479, Carlsbad, NM, 88221  
 Location and Current Status: P 2 A, CUT 4 1/2' @ 1225', CUT 5 1/2' @ 121'

Planned Work to Well: Re-enter Planned Tubing Size/Depth: 3 1/2" @ 2600'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <input checked="" type="checkbox"/> Surface	<u>12 1/2 13 1/2</u>	<u>424</u>	<u>450</u>	<u>CIRC</u>
Existing <input checked="" type="checkbox"/> Intermediate	<u>12 1/4 8 5/8</u>	<u>2525</u>	<u>200</u>	<u>2230</u>
Existing <input checked="" type="checkbox"/> Long String	<u>7 7/8 15 1/2</u>		<u>775</u>	<u>1400</u>

DV Tool \_\_\_\_\_ Liner \_\_\_\_\_ Open Hole in lower part Total Depth 5803

Well File Reviewed ☒

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: Yes

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)			
Injection.....	<u>2638' Parb</u>	<u>Bell</u>	<u>NO</u>
Interval TOP:	<u>5052</u>		
Injection.....	<u>5130</u>	<u>Cherry/Burly</u>	<u>NO</u>
Interval BOTTOM:	<u>5803 (OH)</u>		
Below (Name and Top)			

Near State line  
Just NW of Red Bluff  
Reservoir.  
528' PSI Max. WHIP  
Open Hole (Y/N)  
Deviated Hole?

Sensitive Areas: Capitan Reef \_\_\_\_\_ Cliff House \_\_\_\_\_ Salt Depths 650 - 2910'

.... Potash Area (R-111-P) \_\_\_\_\_ Potash Lessee \_\_\_\_\_ Noticed? \_\_\_\_\_

Fresh Water: Depths: 0-120' Wells None Analysis? Yes Affirmative Statement ☒

Disposal Fluid Sources: mostly Del/BS Analysis? \_\_\_\_\_

Disposal Interval Production Potential/Testing/Analysis Analysis: No Commercial Prod WITHIN 2 MILES

Notice: Newspaper(Y/N) \_\_\_\_\_ Surface Owner Fa Delam Ranch INC Mineral Owner(s) \_\_\_\_\_

RULE 26.7(A) Affected Parties: Yola / Muehle / Allen Co / Chapman / Wayne Mark / BLM / Faith

Area of Review: Adequate Map (Y/N) ☒ and Well List (Y/N) ☒

Active Wells 0 Num Repairs \_\_\_\_\_ Producing in Injection Interval in AOR \_\_\_\_\_

P&A Wells 2 Num Repairs \_\_\_\_\_ All Wellbore Diagrams Included? ☒

Questions to be Answered: TOPS = ?  
Reinstall Parb F CIRC CMT on 3 1/2"  
Get FW analysis of NE 1/4 Sec 2 well  
Run SRT with INT profile for more PSI

Required Work on This Well: \_\_\_\_\_ Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_

AOR Repairs Needed: is Del on lower sec? Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_

Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_

OK now

2638'  
5276'  
5276'

ask for new  
WBD & Plan of  
WORK