

DATE 9/13/00	SUSPENSE	ENGINEER WTD	LOGGERS IN 9/13	TYPE SWD	PLANK 1025648281
-----------------	----------	-----------------	--------------------	-------------	------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

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

*Jon Lewis Fabul WWT #1*  
*30-043-20143*  
*5/27/74 = Located*  
*Wentworth*

- [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 *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.

_____ Print or Type Name	_____ Signature	_____ Title	_____ Date
_____ e-mail Address			

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance  Disposal Storage  
Application qualifies for administrative approval?  Yes No
- II. OPERATOR: Sagebrush Oil Inc.  
ADDRESS: HC 78 Box 21 Regina NM 87046  
CONTACT PARTY: Beth Charles PHONE: \_\_\_\_\_
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes  No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. See Exhibit V
- 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. There are no other wells in this area in this zone
- VII. Attach data on the proposed operation, including:
- Proposed average and maximum daily rate and volume of fluids to be injected;
  - Whether the system is open or closed;
  - Proposed average and maximum injection pressure;
  - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  - 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. No stimulation
- \*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. There are no fresh water wells
- 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: Beth Charles TITLE: President  
SIGNATURE: [Signature] DATE: 8-31-10  
E-MAIL ADDRESS: SagebrushOil@yahoo.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.

## EXHIBIT III

### WELL DATA "A"

1. San Luis Federal #1 (ww), Sec. 21, T-18N, R-3W; 2310' FEL and 1980' FSL
2. See attached well data sheet "1"
3. See attached well data sheet "2"
4. See attached well data sheet "2"

### WELL DATA "B"

1. Injection formation is the Entrada
2. Injection interval from 4561' to 4666 open hole
3. This well was drilled as a wildcat for oil. There was no show of oil. Converted to injection well, not completed
4. There are no perforated intervals
5. The overlying zone is the Todilto. In this area the overlying known oil and gas zones are in the Menefee. There are no known oil and gas zones underlying.

INJECTION WELL DATA SHEET

OPERATOR: Sagebrush Oil Inc.

WELL NAME & NUMBER: San Luis Federal # 1 W W

WELL LOCATION: 2310' FEL 1980' FSL UNIT LETTER J SECTION 21 TOWNSHIP 18N RANGE 3W

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
Surface Casing

See attached

Hole Size: 12 3/4 Casing Size: 10 3/4 ft<sup>3</sup>

Cemented with: 220 sx. or ft<sup>3</sup>

Top of Cement: 0 Method Determined: Circulated

Intermediate Casing

~~Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_~~

~~Cemented with: \_\_\_\_\_ sx. or ft<sup>3</sup>~~

~~Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_~~

Production Casing

Hole Size: 8 3/4 Casing Size: 4 1/2 ft<sup>3</sup>

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

Top of Cement: 780 Method Determined: Circulated

Total Depth: 4561 Reported

Injection Interval

\_\_\_\_\_ feet to 4666'

(Perforated or Open Hole indicate which)

INJECTION WELL DATA SHEET

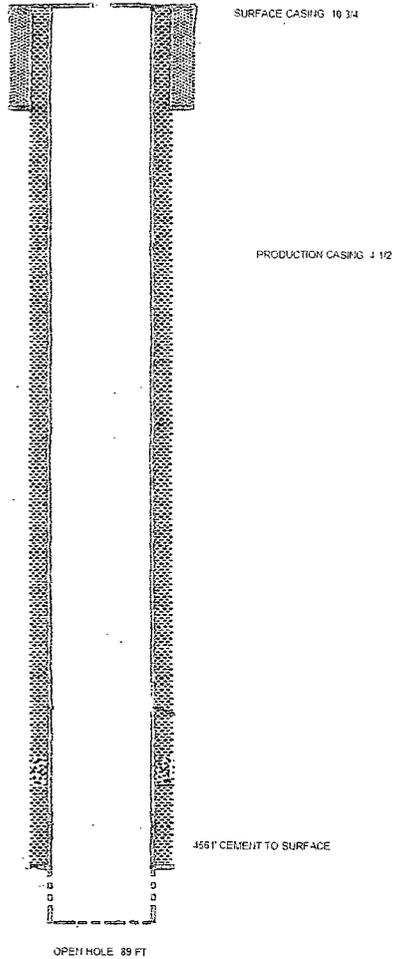
Tubing Size: 2" Lining Material: Poly Pipe  
Type of Packer: Arrowset retrievable packer 4 1/2"  
Packer Setting Depth: 4560'  
Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

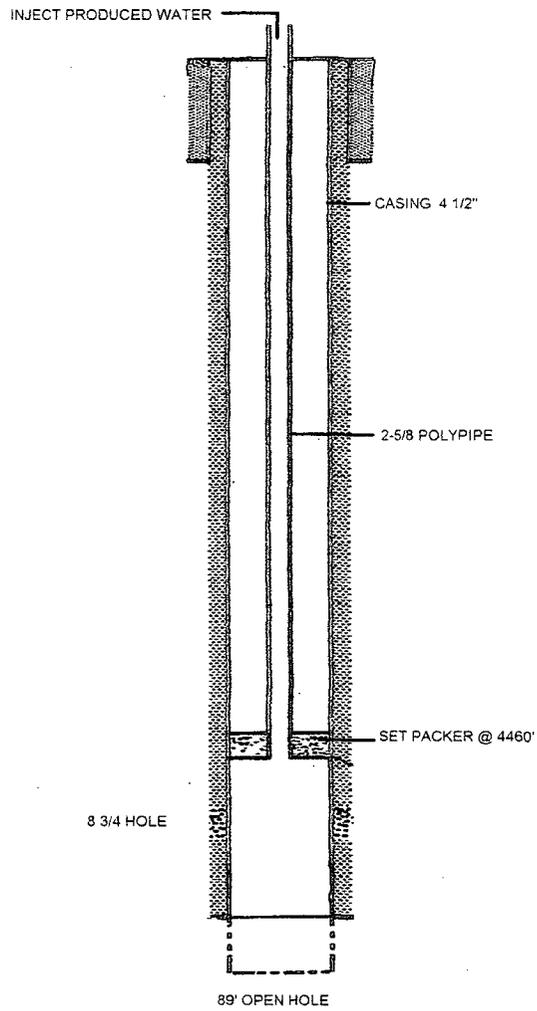
1. Is this a new well drilled for injection? \_\_\_\_\_ Yes  No   
If no, for what purpose was the well originally drilled? To discover oil - No show of oil  
\_\_\_\_\_
2. Name of the Injection Formation: Entrada  
\_\_\_\_\_
3. Name of Field or Pool (if applicable): San Luis Mesa Verde  
\_\_\_\_\_
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 perfs  
\_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  
No known oil and gas zones underlying  
Overlying oil and gas zone in Menefee formation  
\_\_\_\_\_

# EXISTING WELL SCHEMATIC

SAN LUIS FEDERAL # 1 WW  
SEC 21, T-18N, R-3W



PROPOSED WELL SCHEMATIC  
SAN LUIS FEDERAL #1 WW



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Water Source Well

2. NAME OF OPERATOR  
Torreon Oil Co.

3. ADDRESS OF OPERATOR  
9616 Westpark Dr., Benbrook, Tx 76126

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FSL  
AT TOP PROD. INTERVAL: 2310' FEL  
AT TOTAL DEPTH:

5. LEASE  
SF 081160-F

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
San Luis Federal

9. WELL NO.  
Water Well No. 1

10. FIELD OR WILDCAT NAME  
San Luis Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
21J, 18N, 3W

12. COUNTY OR PARISH | 13. STATE  
Sandoval | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6800' gl

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other) Designation Water Source Well

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

AUG 06 1982

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

San Luis Federal Water Well No. 1 is hereby designated as the Water Supply well for the waterflood.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Will. R. Reed TITLE Manager DATE August 6, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

NMOCC

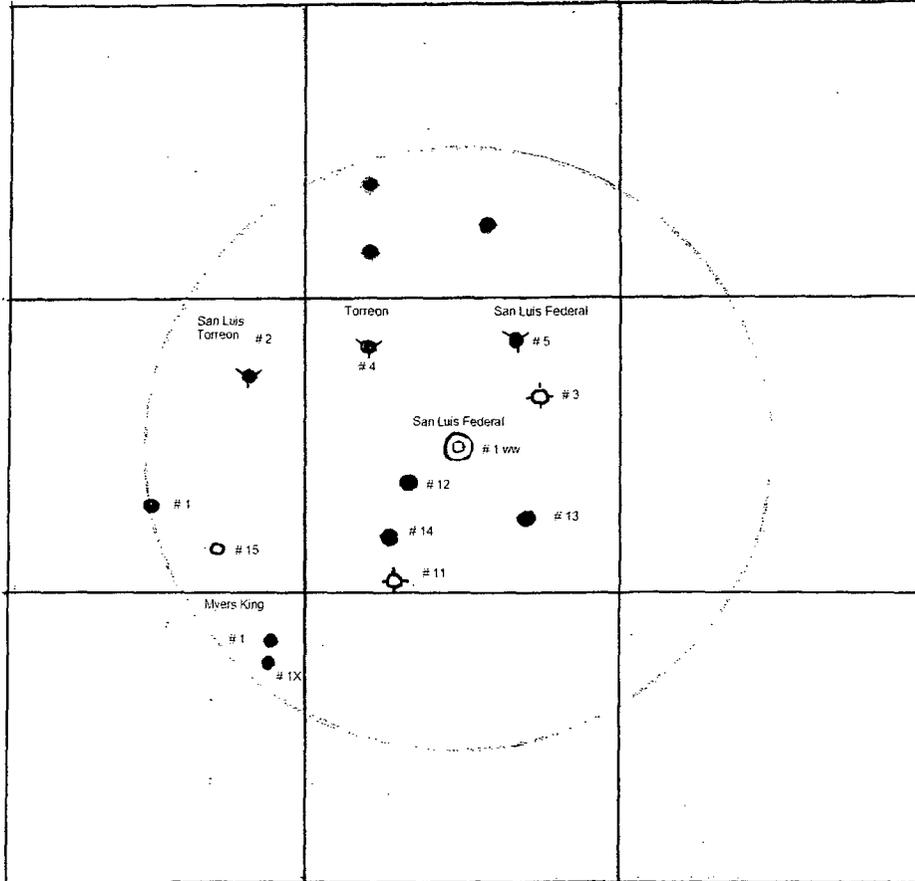
AUG 11 1982

\*See Instructions on Reverse Side

FARMINGTON DISTRICT  
BY [Signature]

V

R 3W



T 18N

- Plugged well
- ⊕ Producing oil well
- ⊙ Injection well

No water wells within one mile radius

Section 21, Township 18N, Range 3W, Sandoval County, New Mexico

## EXHIBIT VII

### PROPOSED OPERATION

1. Average daily injection rate @ 50 bbls - Maximum daily injection rate @ 200 bbls
2. The system is to be open
3. Average injection without pressure to maximum injection pressure @ 400 psi
4. Source of injected fluid is to be produced water
5. Zone not productive of oil or gas. *See attached* analysis of zone formation water

VII

CORE LABORATORIES INC.  
3428 Stanford Dr. N.E.  
Albuquerque, New Mexico 87107  
Phone: 505-344-0274

ANALYTICAL REPORT

From Torreon Oil Company  
Address P. O. Box 356, Flora Vista, N. M. 87415  
Work authorized by Noel Reynolds Date Received August 9, 1978  
Analyzed by RGC Date August 22, 1978 Job No WA-144

Sample Identification

Well No. #1 Water Well -- *Sacred* Location N.W. S.E. Sec. 21T 18N R3W  
Field San Luis N. M. Formation Entrada  
County \_\_\_\_\_ Interval 4660'  
State New Mexico Sample From Produced water

Resistivity 0.62 ohm-meters @ 68 F. Specific Gravity 1.011 @ 68 F.  
Calculated Total Dissolved Solids 14,449.5 Hydrogen Sulfide Not detected

pH 7.65

<u>Cations</u>	<u>Mg/L</u>	<u>Meq/L</u>	<u>Anions</u>	<u>Mg/L</u>	<u>Meq/L</u>
Sodium	<u>4420.0</u>	<u>192.25</u>	Sulfate	<u>7200.0</u>	<u>149.76</u>
Potassium	<u>31.0</u>	<u>0.79</u>	Chloride	<u>2060.0</u>	<u>58.09</u>
Calcium	<u>364.0</u>	<u>18.16</u>	Carbonate	<u>N.D.*</u>	<u>_____</u>
Magnesium	<u>27.8</u>	<u>2.28</u>	Bicarbonate	<u>346.0</u>	<u>5.67</u>
Iron	<u>0.7</u>	<u>0.04</u>			
Total Cations		<u>213.52</u>	Total Anions		<u>213.52</u>

\*N.D. = not detected, less than 0.1 mg/l

## EXHIBIT XII

Sagebrush oil Inc. finds no evidence of open faults or other hydrologic connection between the disposal zone and any underground sources of drinking water.

## EXHIBIT XIII

As of the 8<sup>th</sup> day of September, 2010, Sagebrush oil Inc. has sent via certified mail, a copy of this application to the following:

### SURFACE OWNER

United states Department of the Interior  
Bureau of Land Management  
Farmington Field Office  
1235 La Plata Highway, Suite A  
Farmington, NM 87401

## Inactive Well List

**Total Well Count: 11 Inactive Well Count: 2 Since: 6/20/2009**

**Printed On: Monday, September 13 2010**

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
3	30-043-05061	SAN LUIS FEDERAL #015	K-21-18N-03W	K	25836	SAGEBRUSH OIL INC.	F	O	11/2008			
3	30-043-20925	SAN LUIS FEDERAL #019	J-21-18N-03W	J	25836	SAGEBRUSH OIL INC.	F	O	09/2006	INT TO P&A APPVD 12-9-09 / BLM		

WHERE Ogrid:25836, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

## Inactive Well Additional Financial Assurance Report

25836 SAGEBRUSH OIL INC.

Total Well Count: 11

Printed On: Monday, September 13 2010

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Bond In Place	In Violation
19011	DURO #001	F	C-27-26N-01E	C	30-039-06316	O	12/2009		2745				0
19012	GRAN FEDERAL #001R	F	I-21-26N-01E	I	30-039-23327	O	12/2009		3540				0
9890	GREVEY #001R	F	M-26-26N-01E	M	30-039-22824	O	06/2009		1900				0
	GREVEY #002	F	D-35-26N-01E	D	30-039-06252	O	09/2009		2185				0
	GREVEY #004Y	F	L-26-26N-01E	L	30-039-22817	O	12/2009		1800				0
22142	PUERTO CHIQUITO MANCOS #026	F	G-27-26N-01E	G	30-039-23468	O	11/2009		2511				0
306157	SAN LUIS FEDERAL #003	F	J-21-18N-03W	J	30-043-20376	O	12/2009		606				0
	SAN LUIS FEDERAL #011	F	J-21-18N-03W	J	30-043-05062	O	12/2009		918				0
	SAN LUIS FEDERAL #015	F	K-21-18N-03W	K	30-043-05061	O	11/2008		1040				0
	SAN LUIS FEDERAL #019	F	J-21-18N-03W	J	30-043-20925	O	09/2006		1071				0
306158	SAN LUIS FEDERAL WW #001	F	J-21-18N-03W	J	30-043-20143	W			4666				0

WHERE Ogrid:25836

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 48-2355-5.

5. LEASE DESIGNATION AND SERIAL NO.

SF-081160F

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

San-Luis Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T-18N-, R-3W, NMPM

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

15. DATE SPUNDED

5/12/74

16. DATE T.D. REACHED

5/27/74

17. DATE COMPL. (Ready to prod.)

T.A. 5-28-74

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6812 KB

19. ELEV. CASING HEAD

6799'

20. TOTAL DEPTH, MD & TVD

4661'

21. PLUG, BACK T.D., MD & TVD

---

22. IF MULTIPLE COMPL., HOW MANY\*

--

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

O-T.D.

CABLE TOOLS

---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Temporarily Abandoned

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Focused Log, Densilog

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CASING RECORD	AMOUNT PULLED
10-3/4	40.48#	324'	13-3/4"	220 bxs.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
D&A						TA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Charles W. Sanders*

TITLE

*VP Engineering*  
Charles W. Sanders

DATE

12/12/74

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

**Item 1:** Prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Stacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF FORT'S ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Entrada	4600	4630	Op 15", SI 45", Op 15", SI 45". Rec. 4050' S11 Salty Water. IF 1007-1642, SIP 1800-1800, FSIP 1642-1642, HP 2302- 2302. BHT 1550.	Point Lookout Mancos Gallup Greenhorn Graneros "B" Dakota Morrison Todilco Entrada	1338 1465 2315 3253 3300 3405 3730 4528 4628	+5474 +5347 +4497 +3559 +3512 +3407 +3082 +2284 +2184

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR. CASE\*  
(Other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>SF-081160F</b>
2. NAME OF OPERATOR <b>Petroleum Development Corporation</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR <b>9720-B Candelaria N.E., Albuquerque, N.M. 87112</b>		7. UNIT AGREEMENT NAME ---
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>2310' FEL and 1980' FSL, Sec. 21, T-18N, R-3W</b>		8. FARM OR LEASE NAME <b>San Luis-Federal</b>
14. PERMIT NO. ---		9. WELL NO. <b>1</b>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>6800' GL</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 21, T-18N, R-3W NMPM</b>
		12. COUNTY OR PARISH <b>Sandoval</b>
		13. STATE <b>New Mexico</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> <b>Spud &amp; Surface Casing</b>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 10-3/4" surface hole at 3:00 p.m. 5/12/74. Ran 7 joints 10-3/4", 40.48%, (311') casing, set at 324' with 220 sacks regular cement, circulated approximately 50 sacks. P.D. @ 12:30 p.m. 5/13/74.

WOC 12 hours. Pressure tested casing and BOP to 800 psi for 30".



18. I hereby certify that the foregoing is true and correct

SIGNED J. C. Johnson TITLE Vice President DATE 5/15/74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-3355-5

5. LEASE DESIGNATION AND SERIAL NO.

S.F. 081160-F

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Torreón Water #1

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

~~San Luis Mesa Verde~~

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21 T18N, R3W

N.M.P.M.

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL  GAS WELL  DRY  Other WATER

b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other SOXZY

2. NAME OF OPERATOR

Noel Reynolds

3. ADDRESS OF OPERATOR

Box 356 Flora Vista, N.M. 87415

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1980 ft. From South Line, 2310 ft. From East

At top prod. interval reported below Line

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

15. DATE SPUDDED

5/12/74

16. DATE T.D. REACHED

5/27/74

17. DATE COMPL. (Ready to prod.)

7/6/78

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6800 GL

19. ELEV. CASINGHEAD

6802

20. TOTAL DEPTH, MD & TVD

4666

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

4666

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Producing Zone in this well is Entrada, with casing set at

4561 ft. in the Rodilto,

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Inducaion, Density Previously furnished

25. WAS DIRECTIONAL SURVEY MADE

no

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.48	320	12 3/4	220 sx. regular cement	circulated
4 1/2	1160	4561	8 3/4	Two stage, 1st section	4561 to
				4161 with 120 sx. neat cement	
2nd. section 1500 to surface with 320 sx neat cement.					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Completed open hole Ø no perfs)

32. ACID, SHOT, FRACTURE CEMENT, SOLUBLE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

JUL 19 1978

33.\* PRODUCTION

DATE FIRST PRODUCTION

7/5/78

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Swab Test

U. S. GEOLOGICAL SURVEY

DURANGO, COLO

WELL STATUS (Producing or shut-in)

Shut in

DATE OF TEST

7/5/78

HOURS TESTED

8

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

2,000 d/

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

J.w. Maness

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Noel Reynolds*

TITLE

Operator

DATE

7/17/78

\*(See Instructions and Spaces for Additional Data on Reverse Side)

*State*

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: OF IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORDED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Menefee	0	1300					
Point Lookout	1300	2315					
Gallup	2315	3253					
Greenhorn	3253	3300					
Graneros	3300	3730					
Morrison	3730	4528					
Todilto	4528	4628					
Entrada	4628						

P. O. Box 1809  
Durango, Colorado 81301

December 20, 1974

Noel Reynolds  
Box 356  
Flora Vista, New Mexico 87415



Dear Mr. Reynolds:

Petroleum Development Corporation, under Designation of Operator from Johnny M. Myers, drilled the No. 1 San Luis-Federal well in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 21, T. 18 N., R. 3 W., Sandoval County, New Mexico, on Federal oil and gas lease Santa Fe 081160-F. They forwarded a copy of an agreement letter to this office indicating that you have accepted responsibility for the well.

In order for you to assume operations of this well, you must submit an original and two copies of Designation of Operator to this office whereby Johnny M. Myers, record lessee, designates Noel Reynolds as operator of the applicable acreage for the well.

The subject well was temporarily abandoned on May 28, 1974, at a total depth of 4661 feet. Since four potentially productive oil and gas formations were penetrated and only 324 feet of surface casing was set in the well, it is essential that production casing be cemented in the hole or that the well be adequately plugged or abandoned without further delay.

Your cooperation in promptly submitting the required Designation of Operator instrument and an appropriate Sundry Notice to Set Production Casing or Plug and Abandon will be appreciated.

Sincerely yours,

Edward A. Schmidt  
Acting District Engineer

cc:

New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
lease form.)

Form approved.  
Budget Bureau No. 42-R1474.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug a well to a different use. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Water Supply Well</b>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Noel Reynolds</b>	8. FARM OR LEASE NAME <b>Torreos</b>
3. ADDRESS OF OPERATOR <b>Box 356 Flora Vista N.M. 87415</b>	9. WELL NO. <b>Water Well No. 1</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1980; from South line, 2310' from East line Sec 21, T18N, R3W</b>	10. FIELD AND POOL, OR WILDCAT <b>San Luis Mesa Verde</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether surface or other) <b>6800' 31 JUN 30 1978</b>
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 21 T18 N R3 W</b>
	12. COUNTY OR PARISH 13. STATE <b>Sandoval N.M.</b>

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Subsequent Report of</b>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**5/31/78 Moved in Manass L-48 Cable Tool Rig, Started cleaning out old hole, below 320 ft. 10/3/4 surface casing. Encountered much caving in the lower Menefee at approx. 1200 ft.**

**6/5/78 Topped Point Lookout at 1320 ft. cleaned out to 1750 encountered bridge.**

**6/10/78 Continued cleaning out bridges and heavy mud progress very slow. to top of Gallup, at 2315. drilling very slow, and caving badly to 3000 ft. could make no further progress with cable tools.**

**6/18/78 Moved in Rotary Tools rigged up**

**6/20/78 Mixed mud and started drilling**

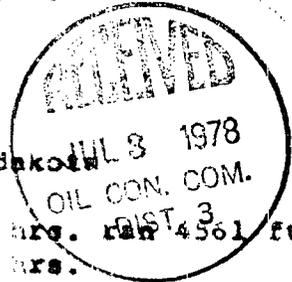
**6/21/78 Drilled to top of Greenhorn at 3253**

**6/22/78 Drilling continued to be slow to top of Dakota**

**6/24/78 Drilled to total depth 4660 ft.**

**6/25/78 XXXX layed down drill pipe circulated 8 hrs. ran 4561 ft. 4 1/2 in. 11.60 # J 55 casing, circulated 2 hrs.**

**6/26/78 B-J Cementing Co. arrived on location at 9:30 Pm. Cemented first stage from 4561 TO 4161 with 125 sx. second stage from 1500 780 ft. with 230 sx. neat and 90 sx. lodense.**



18. I hereby certify that the foregoing is true and correct

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUBMIT IN TRIPLICATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

S F 081160-F

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**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—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Torreon

9. WELL NO.

Water Well No 1

10. FIELD AND POOL, OR WILDCAT

San Luis Mesa Verde

11. SEC., T., R., M., OR BLE. AND

Sec 21  
T18N, R3W

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

1.  OIL WELL  GAS WELL  OTHER Water Supply Well

2. NAME OF OPERATOR  
Noel Reynolds

3. ADDRESS OF OPERATOR  
Box 356 Flora Vista N.M. 87415

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
at surface  
1980' From South Line, 2310' From East Line  
Sec. 21, Township 18N, Range 3 W

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
6800 GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <u>Completion</u>	<u>X</u>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator proposes to reinter Torreon #1 well, Originally drilled by Petroleum Development Corporation. Run 4½" 10.50 J55 Casing to TD (4660') With stage collar @ 1450' Cement lower section with 60 Sx. 210' fill-up Cement upper section with 269 Sx. 900' fill-up

Perforate the Entrada formation and complete for a water supply well for Proposed water-flood project. Work to begin by April 15 1978, Subject to Rig availability.



RECEIVED

APR 4 1978

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

18. I hereby certify that the foregoing is true and correct

SIGNED Noel Reynolds TITLE operator DATE 4/1/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

~~DISPATCHED COPY~~  
\*See Instructions on Reverse Side

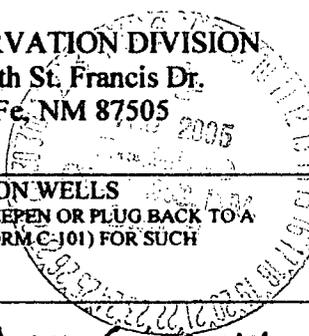
*OKed*

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 May 27, 2004

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



WELL API NO. <b>3004320143</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>SF081160F</b>
7. Lease Name or Unit Agreement Name <b>SAN LUIS FEDERAL</b>
8. Well Number <b>WW#1</b>
9. OGRID Number <b>023334</b>
10. Pool name or Wildcat <b>SAN LUIS MESA VERDE</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>GR 6800</b>

**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  Gas Well  Other

2. Name of Operator  
**NOEL REYNOLDS d/b/a TOMERON OIL COMPANY**

3. Address of Operator  
**1316 JUNIPER LANE, FORT WORTH, TX 76126**

4. Well Location  
 Unit Letter **J** : **1980** feet from the **S** line and **2310** feet from the **E** line  
 Section **21** Township **18N** Range **3W** NMPM County **SANDOVAL**

Pit or Below-grade Tank Application  or Closure

Pit type ~~Production~~ **Production** Depth to Groundwater **\*** Distance from nearest fresh water well **\*** Distance from nearest surface water **\***

Pit Liner Thickness: **nil** Below-Grade Tank: Volume **nil**; Construction Material **nil**

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

<b>NOTICE OF INTENTION TO:</b> 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"/> MULTIPLE COMPL <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <b>CONTINUE TO USE PIT</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**WE REQUEST PERMISSION TO CONTINUE TO USE THE EXISTING <sup>Earthen</sup> PIT DESCRIBED ON THE ATTACHED DOCUMENT. PRODUCED WATER IS FRESH WATER. \*NO KNOWN WATER ON THE PROPERTY OTHER THAN PRODUCED WATER. INFORMATION HAS BEEN REQUESTED ABOUT NEIGHBORING PROPERTIES, AS SOON AS RECEIVED WE WILL PROVIDE THAT INFO TO YOU.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit  or an (attached) alternative OCD-approved plan .

SIGNATURE *[Signature]* TITLE **AGENT** DATE **2-4-05**

Type or print name **WILLIAMS** E-mail address: \_\_\_\_\_ Telephone No. \_\_\_\_\_  
**DEPUTY OIL & GAS INSPECTOR, DIST. 68** **FEB - 7 2005**

APPROVED BY: *[Signature]* TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 18 2009

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**NMSF-081160F**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**SANLUIS FEDERAL NO. 1 WW**

9. API Well No.  
**30-043-2043-20378 - 20143**

10. Field and Pool, or Exploratory Area  
**SAN LUIS MESA VERDE**

11. County or Parish, State  
**SANDOVAL, NM**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**SAGEBRUSH OIL, INCORPORATED**

3a. Address  
**HC78 BOX 21, REGINA, NM 87046**

3b. Phone No. (include area code)  
**575-638-9137**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FSL & 2310' FEL 21-18N-3W**

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

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

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

**SURFACE CASING:**  
DEPTH SET - 320'  
HOLE SIZE - 12' 3/4"  
CASING SIZE - 8' 3/4"  
TOTAL DEPTH: 4660

**INTERMEDIATE CASING:**  
DEPTH SET - 4561  
HOLE SIZE - 8' 3/4"  
CASING SIZE - 4 1/2"  
OPEN HOLE - 89'

RCVD JAN 7 '10  
OIL CONS. DIV.  
DIST. 3

- TO PLUG WELL:**
1. PLACE 89' OF SAND FROM 4660' TO 4561'
  2. PLACE THE ENTRADA PLUG FROM 4561' TO 4461'
  3. PLACE THE DAKOTA PLUG FROM 3374' - 3274' INSIDE AND OUTSIDE THE 4 1/2' CASING
  4. PLACE THE GALLUP PLUG FROM 2127' - 2027' INSIDE AND OUTSIDE THE 4 1/2' CASING
  5. PLACE THE MENEFEE/SURFACE PLUG FROM 374' TO SURFACE INSIDE AND OUTSIDE THE 4 1/2' CASING
- BECAUSE OF WEATHER AND ILLNESS - WORK WILL BE COMPLETED BY JUNE 15, 2010

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **BETH CHARLES** Title **PRESIDENT**

Signature *Beth Charles* Date **12/15/09**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Original Signed: Stephen Mason Title \_\_\_\_\_ Date **JAN 05 2010**

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

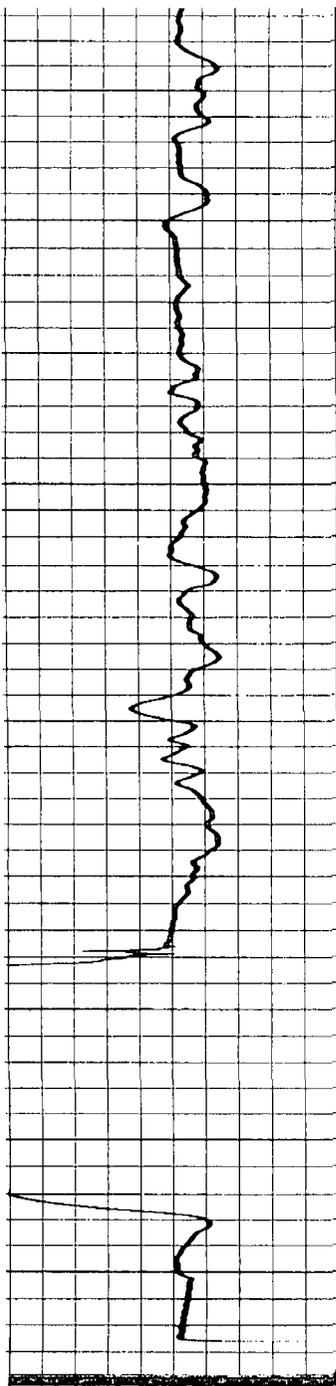
Office \_\_\_\_\_

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

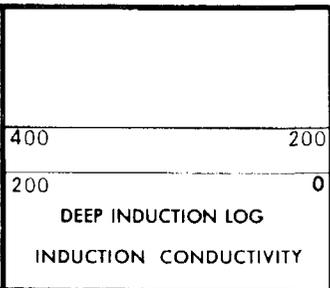
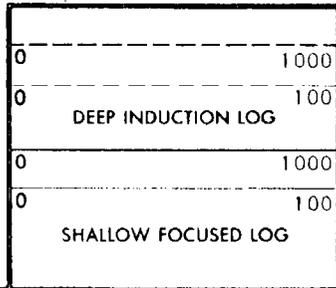
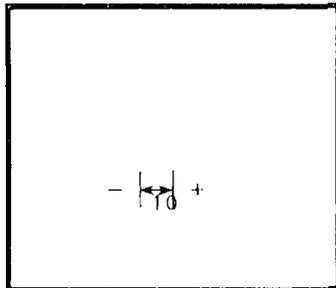
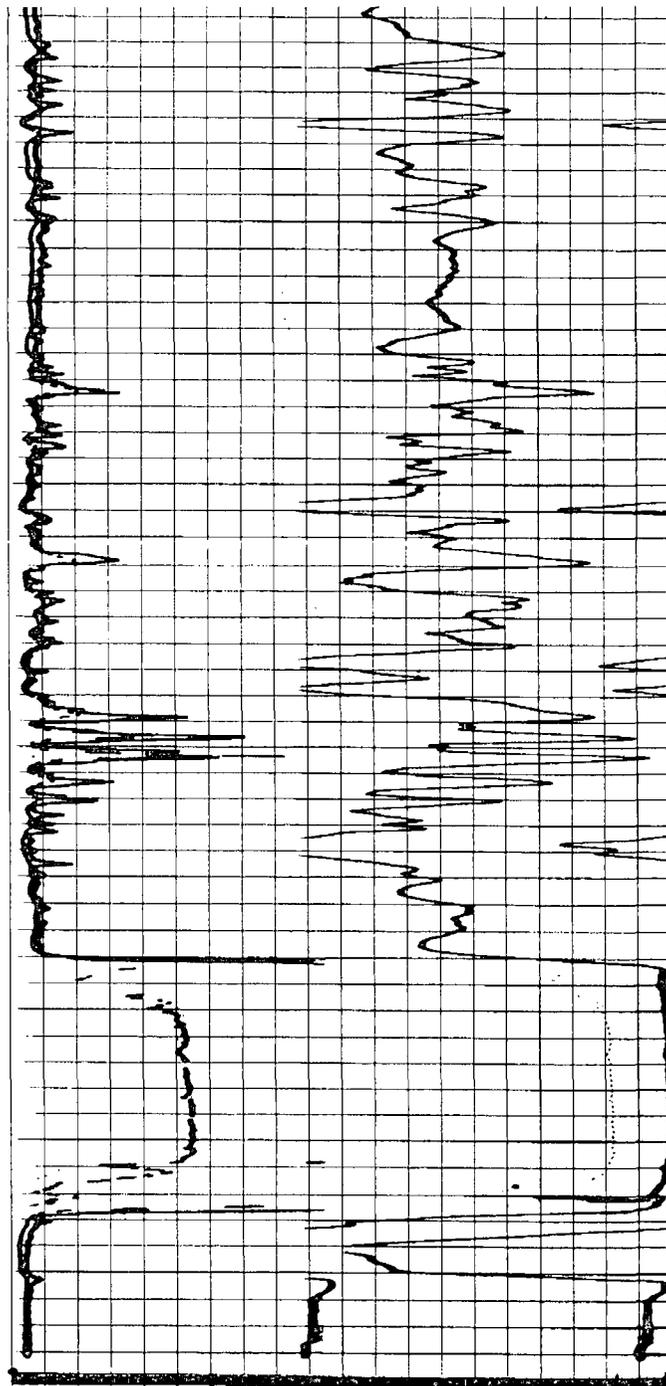
(Instructions on page 2)

Notify NMOCD 24 hrs  
prior to beginning  
operations

NMOCD

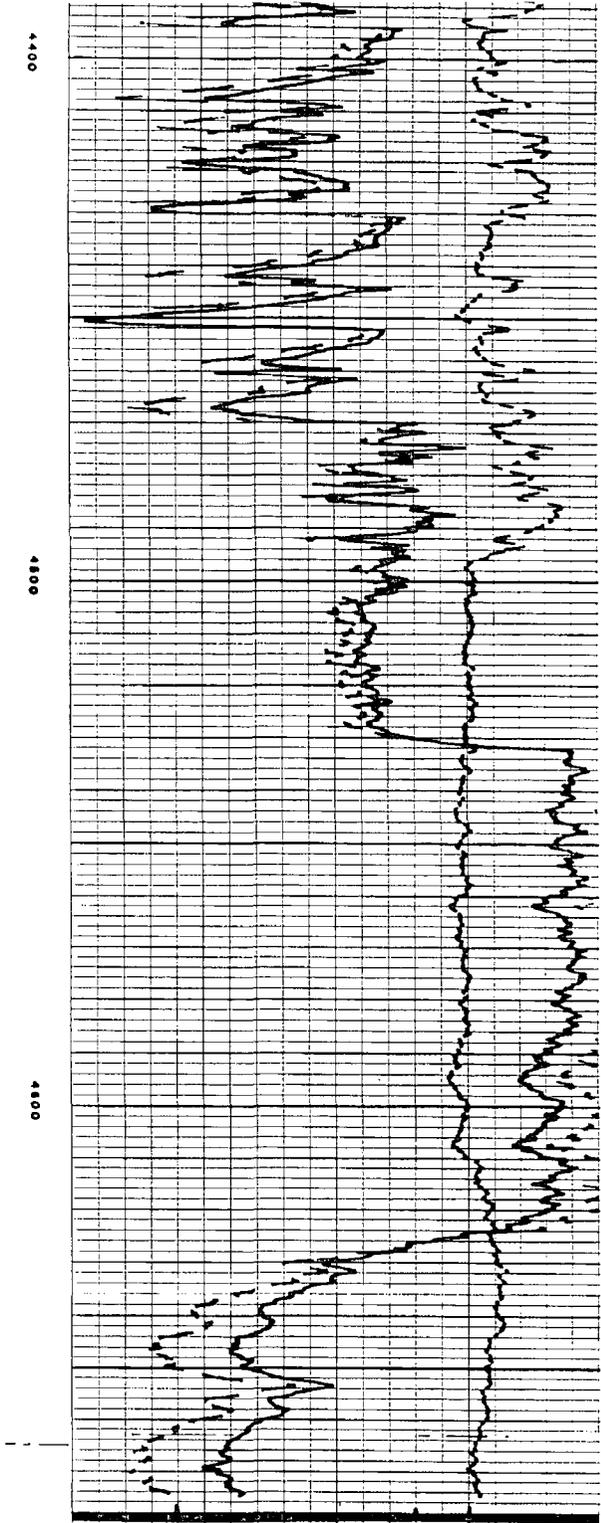
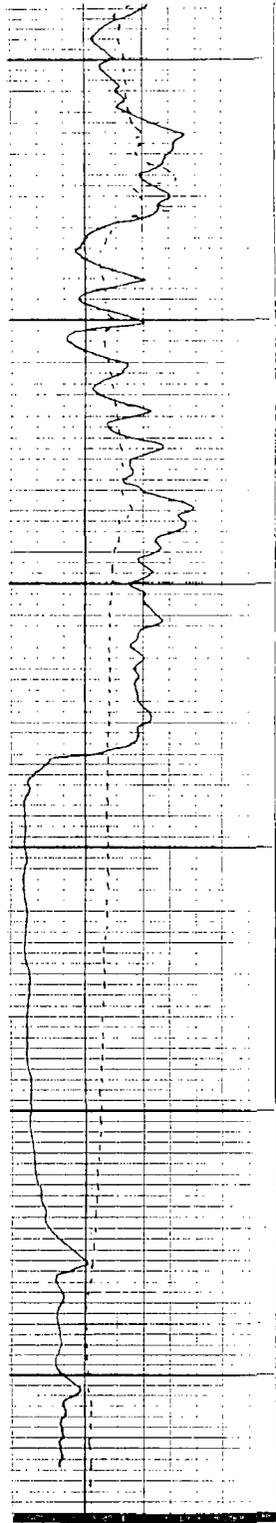


4200  
4300  
4400  
4500  
4600



SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY Ohms m <sup>2</sup> /m	CONDUCTIVITY Millimhos/m
-------------------------------------	-------	---------------------------------------	-----------------------------

Company	PETROLEUM DEVELOPMENT CORP.	Drillers T.D.	4661
Well	SAN LUIS FEDERAL #1	Log F.R.	4663
Field	WILDCAT	Log T.D.	4665
County	SANDOVAL	Elevations:	6800
State	NEW MEXICO	K.B. 6812	D.F. 6811    G.L. 6800



4000  
4800  
4800

6	16
HOLE SIZE - INCHES	
0	150
API UNITS	

POROSITY—%	
20	10
0	0
2.0	2.5
3.0	3.0
CORRECTION	
-0.5	+0.5

GAMMA RAY & CALIPER		DEPTH	BULK DENSITY GRAMS/CC		
Company	PETROLEUM DEVELOPMENT CORP.	Drillers T.D.	4661		
Well	SAN LOUIS FEDERAL 1	Log F.R.	4663		
Field	WILLACREE	Log T.D.	4665		
County	SANDOVAL SEC. 21-18N-3W	Elevations:			
State	NEW MEXICO	K.B. 6812	D.F. 6811	G.L. 6800	



COMPENSATED  
Densilog

Form 12316

FILE NO. FH-5003

COMPANY: PETROLEUM DEVELOPMENT CORPORATION  
WELL: SAG LUIS FEDERAL 1  
FIELD: WILDECAT  
COUNTY: SANDOVAL STATE: NEW MEXICO  
LOCATION: 2310 FEL 5 1980 FSL  
Other Services: DIF

SEC 21 Twp 18N RGE 3W

Permanent Datum: G.L. Elev 6900  
Log Measured from: K.B. 12.0 Ft Above Permanent Datum  
Drilling Measured from: K.B. Elev 6812

Date: 5-27-74  
Run No: ONE  
Depth—Diller: 4661  
Depth—Logger: 4663  
Bottom Logged Interval: 700  
Top Logged Interval: 10.3 @ 320  
Casing—Diller: @  
Casing—Logger: @  
Bit Size: 8 3/4  
Type Fluid in Hole: CHEM-GEL

Density and Viscosity:  
Fluid and Fluid Loss: 10.5 6.4 cc  
Source of Sample: FLUID LINE @ cc  
Temp: 0.9 @ 71 °F @ °F  
Temp: 0.2 @ 70 °F @ °F  
Temp: 1.3 @ 70 °F @ °F  
Temp: 3.5 @ 70 °F @ °F  
Temp: 6.5 HR °F @ °F  
Temp: 1.30 °F @ °F  
Temp: 6.103 °F @ °F

Recorded By: SAMPERS & BERTH

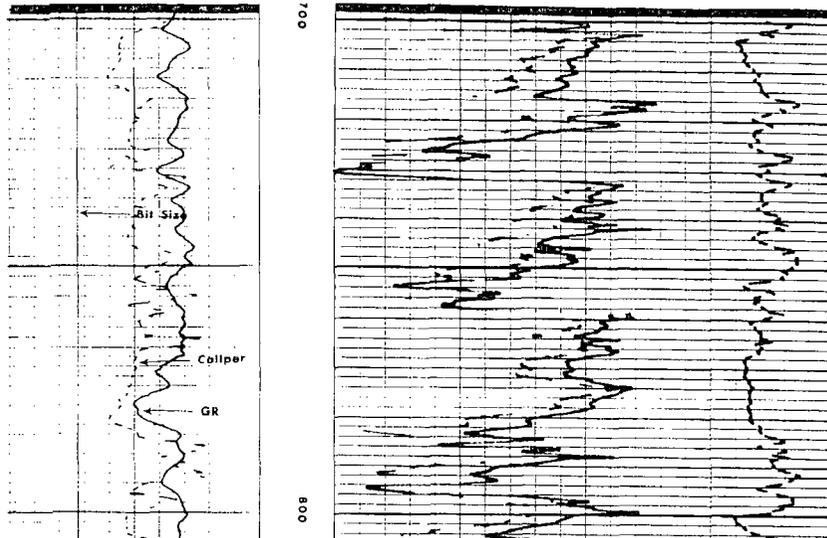
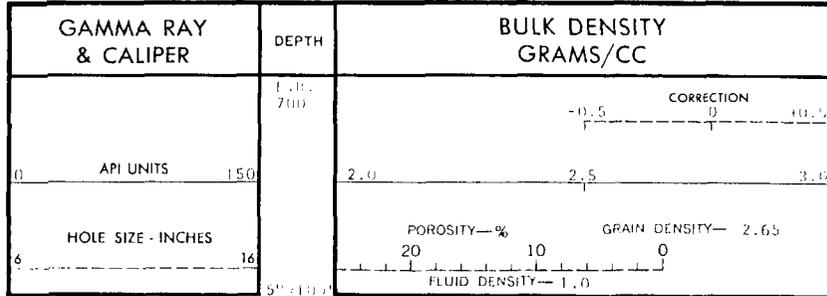
Remarks: PLATE LOGGED ON C/R.

Equipment Used:  
Run No: ONE  
S.O.: 58355  
Tool No.: 27835  
Elec. No.: 27835  
Panel No.: 24703

Gamma Ray		Equipment Data		Densilog	
Run No.	ONE	Run No.	ONE	Run No.	ONE
Tool Model No.	1305	Tool Model No.	2207	Tool Model No.	2207
Serial No.	28269	Serial No.	27835	Serial No.	27835
Diam.	3.578	Diam.	4.374	Diam.	4.374
Detect. Model No.	11664	Computer Model No.	2254	Computer Model No.	2254
Type	SCINT	Serial No.	24793	Serial No.	24793
Length	6"	Source Model No.	53120	Source Model No.	53120
Dist. to Source	7.5'	Serial No.	317	Serial No.	317

Moist. Truck No. HL-6103

Run No.	General		Densilog			Gamma Ray					
	From	To	Speed Ft./Min.	T.C. Sec.	Density Scale	Porosity Scale Data	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units/Div.	
ONE	700	710	RFC	3.0	2.0-3.0	+0.5	0-26	3.0	515	0	15



Permit 1025648281

SAGEBRUSH OIL, INC.  
HC 78 BOX 21  
Regina, New Mexico 87046  
Telephone: 575-638-9137  
Fax: 575-638-1318  
E-Mail: [sagebrushoil@yahoo.com](mailto:sagebrushoil@yahoo.com)

RECEIVED OCD

2010 OCT -7 P 1:13

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Re: Disposal Well

Please find the enclosed 2 copies of affidavit of publication that should have been included in application packet.

Thank you,

**AFFIDAVIT of PUBLICATION**

Darlene Rushing, being first duly sworn, deposes and says: That she is the Agent to the Publisher of the ***Rio Rancho Observer***, printed and published once each week in the County of Sandoval, State of New Mexico, and of general circulation in the City of Rio Rancho, County of Sandoval, State of New Mexico and elsewhere, and the here to attached

STATE OF NEW MEXICO )

:SS Beth Charles Injection Well

COUNTY OF SANDOVAL )

was printed and published correctly in the regular and entire issue of said ***Rio Rancho Observer*** for 1 issue(s), that the first was made on the 19<sup>th</sup> day of September 2010, and subsequent publications being:  
n/a

**Notice:**  
Segetruth Oil Inc., Beth Charles, HC 78, Box 21, Regina, NM 87046, 575-639-9137, with intended purpose to convert injection well to water disposal well to dispose of produced water into the Entrada formation at the measured depth of 4461' to 4628' in the San Luis Federal #1 ww, located 2310' FEL and 1980' FSL, Sec: 21, T-18N, R-3W, Sandoval County, NM. To be injected at a low rate of 50 bbls without pressure to maximum 200 bbls of water per day at the maximum injection pressure 400 psi. Interested parties may file objections or requests for hearings with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days of the date of this publication. Pub Date 9/19/2010

**Request of *RIO RANCHO OBSERVER***

By:  
Affiant



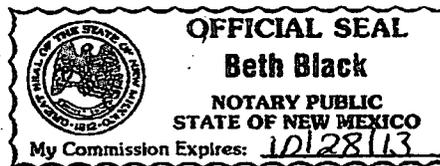
Subscribed and sworn to me this 19<sup>th</sup> day of September, 2010 in the City of Rio Rancho County of Sandoval State of New Mexico.



Notary

Notary Public in and for the County of Sandoval, State of New Mexico

Seal



**AFFIDAVIT of PUBLICATION**

Darlene Rushing, being first duly sworn, deposes and says: That she is the Agent to the Publisher of the ***Rio Rancho Observer***, printed and published once each week in the County of Sandoval, State of New Mexico, and of general circulation in the City of Rio Rancho, County of Sandoval, State of New Mexico and elsewhere, and the here to attached

STATE OF NEW MEXICO )

:SS Beth Charles Injection Well

COUNTY OF SANDOVAL )

Notice:  
Sagebrush Oil Inc., Beth Charles, HC 78 Box 21, Regina, NM 87046, 575-638-9137, with intended purpose to convert injection well to water disposal well to dispose of produced water into the Entrada formation at the measured depth of 4461' to 4628' in the San Luis Federal #1 ww, located 2310' FEL and 1980' FSL, Sec. 21, T-18N, R-3W, Sandoval County, NM. To be injected at a low rate of 50 bbls without pressure to maximum 200 bbls of water per day at the maximum injection pressure 400 psi. Interested parties may file objections or requests for hearings with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days of the date of this publication. Pub Date 9/19/2010

was printed and published correctly in the regular and entire issue of said ***Rio Rancho Observer*** for 1 issue(s), that the first was made on the 19<sup>th</sup> day of September 2010, and subsequent publications being: n/a

**Request of RIO RANCHO OBSERVER**

By:  
Affiant



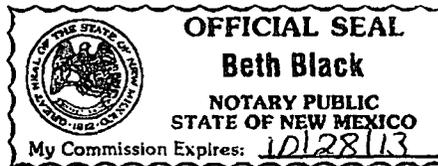
Subscribed and sworn to me this 19<sup>th</sup> day of September, 2010 in the City of Rio Rancho County of Sandoval State of New Mexico.



Notary

Notary Public in and for the County of Sandoval, State of New Mexico

Seal



Injection Permit Checklist (08/27/2010)

WFX \_\_\_\_\_ PMX \_\_\_\_\_ SWD 1251 Permit Date 10/25/10 UIC Qtr (O/N/D)

# Wells 1 Well Name(s): San Luis Federal WW #1

API Num: 30-0 43-20143 Spud Date: 5/2/74 New/Old: 0 (UIC primacy March 7, 1982)

Footages 2310 FEL/1980 FSL Unit J Sec 21 Tsp 18N Rge 3W County SANDOVAL

General Location: \_\_\_\_\_

Operator: Sagebrush Oil, INC Contact Boeth Charba

OGRID: 25836 RULE 5.9 Compliance (Wells) 2/11 (Finan Assur) OK IS 5.9 OK? OK

Well File Reviewed  Current Status: inactive, drilled as W.C. OIL for Entree UNsuccessful!  
was used as water supply well for waterbed.

Planned Work to Well: \_\_\_\_\_

Diagrams: Before Conversion  After Conversion \_\_\_\_\_ Elogs in Imaging File:

Well Details:	Sizes		Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
	Hole.....	Pipe				
New_Existing_Surface	<u>12 3/4</u>	<u>10 3/4</u>	<u>324'</u>		<u>220</u>	<u>CIRC</u>
New_Existing_Interm						
New_Existing_LongSt	<u>8 3/4</u>	<u>4 1/2</u>	<u>4561</u>	<u>145</u>	<u>120/320</u>	<u>1st / 2nd</u> <u>4161</u> <u>CIRC</u>
New_Existing_Liner						
New_Existing_OpenHole						

8922

Depths/Formations: \_\_\_\_\_

Depths/Formations:	Depths, Ft.	Formation	Tops?
Formation(s) Above	<u>4530</u>	<u>Entree</u>	<input checked="" type="checkbox"/>
Injection TOP:	<u>4461</u>	<u>Norman</u>	Max. PSI <u>892</u> OpenHole <input checked="" type="checkbox"/> Perfs _____
Injection BOTTOM:	<u>4600</u>	<u>Entree</u>	Tubing Size <u>2 3/8</u> Packer Depth <u>450'</u>
Formation(s) Below			

Capitan Reef? \_\_\_\_\_ (Potash? \_\_\_\_\_ Noticed? \_\_\_\_\_) (WIPP? \_\_\_\_\_ Noticed? \_\_\_\_\_) Salado Top/Bot \_\_\_\_\_ Cliff House? \_\_\_\_\_

Fresh Water: Depths: \_\_\_\_\_ Formation \_\_\_\_\_ Wells? None Analysis? \_\_\_\_\_ Affirmative Statement

Disposal Fluid Analysis? Sources: Prod. water - very low amounts

Disposal Interval: Analysis?  Production Potential/Testing: Tested wet 14,449 TDS calc. (1978)

Notice: Newspaper Date 9/19/10 Surface Owner BLM Mineral Owner(s) BLM

RULE 26.7(A) Affected Persons: only Sagebrush

AOR: Maps?  Well List?  Producing in Interval?  Wellbore Diagrams? \_\_\_\_\_

.....Active Wells 0 Repairs? 0 Which Wells? \_\_\_\_\_

.....P&A Wells 0 Repairs? 0 Which Wells? \_\_\_\_\_

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