

DATE IN 07/08/103	SUSPENSE	ENGINEER PG	LOGGED IN 02/09/2013	TYPE SWD	PAXK 1319056409
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



PAXK1319056409

### 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

API not yet assigned  
 Burnett Oil

Check One Only for [B] or [C]

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

Burnett 33 Fed #1 SWD

[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.

Eddie W Seay  
 Print or Type Name

Eddie W Seay  
 Signature

Agent  
 Title

4/21/2013  
 Date

seay ow @ leaco.net  
 e-mail Address

RECEIVED OGD  
 2013 JUL - 8 P 2:00

**APPLICATION FOR AUTHORIZATION TO INJECT**

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

II. OPERATOR: Burnett Oil Co., Inc.

ADDRESS: 801 Cherry St., Suite 1500 Ft. Worth, TX 76102

CONTACT PARTY: Mark Jacoby PHONE: 817-332-5108

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: Mark Jacoby TITLE: VP Production

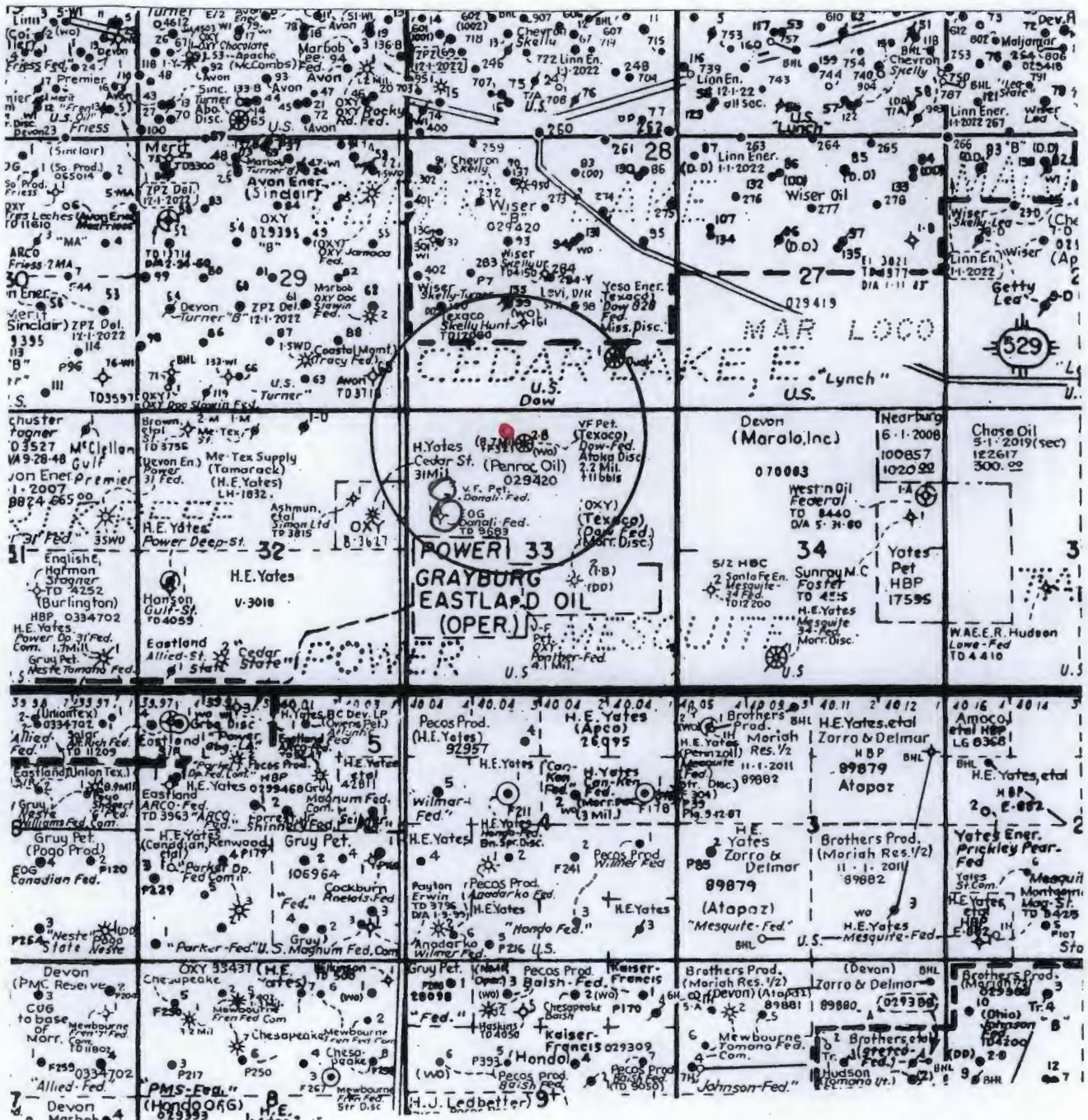
SIGNATURE:  DATE: 6/21/2013

E-MAIL ADDRESS: mjacoby@burnettoil.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: will submit after drilling.

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





## **ATTACHMENT TO APPLICATION C-108**

Burnett 33 Fed. #1 SWD (API to be assigned)  
Unit C, Sect. 33, Tws. 17 S., Rng. 31 E.  
Eddy Co., NM

### **III. WELL DATA**

- A.
  - 1) See injection well data sheets and attached schematics.
  - 2) See injection well data sheets and attached schematics.
  - 3) 4 1/2" plastic coated tubing.
  - 4) Baker Lock Set with on/off tool.
- B.
  - 1) Injection formation is the Wolfcamp Reef.
  - 2) Injection interval from 8900' to 9500'.
  - 3) This will new a new drill as a SWD.
  - 4) The next higher producing zone is the Abo Reef at approximately 8400' ✓  
The next lower producing zone is the Penn at approximately 10,000' ✓

### **IV. NO.**

### **V. MAP ATTACHED.**

### **VI. LIST OF WELLS AND DATA ATTACHED.**

- VII.** Burnett proposes and is filing APD to drill a new well for disposal, in the Wolfcamp Reef, with perforations from 8900' to 9500'. Plan to set 4 1/2" coated tubing and packer in 7" casing at approximately 8800' or 100' above upper most perfs. Acidize as needed, run MIT as required and put on injection.

- 1) Plan to inject approximately 8000 bpd of produced water from Burnetts own operation.
- 2) Closed system.
- 3) Average injection pressure should be approximately 1600# or whatever limit OCD allows.
- 4) Produced water analysis.
- 5) Water from Burnetts offset production from San Andres, Yeso, and Grayburg.

- VIII.** The proposed disposal formation is interbedded shale and limestone. The primary geologic formations are the Wolfcamp Reef from 8900' to 9500'.

The fresh water formation in the area is the Ogallala, which if existed, would be in excess of 300 ft.

- IX. ACIDIZE AS NEEDED.**

- X. LOGS WILL BE SUBMITTED AFTER DRILLING.**

- XI. NO WATER FOUND OR NOTED BY STATE ENGINEERS SITE. MAP AND DATA ATTACHED.**

- XII.** I, Eddie W. Seay, have examined all available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zones and any underground source of drinking water pertaining to this well.

- XIII. ATTACHED.**

## INJECTION WELL DATA SHEET

WELL LOCATION: 360/N 2050/W  
FOOTAGE LOCATION

C  
UNIT LETTER

33  
SECTION

17  
TOWNSHIP

31  
RANGE

### WELLBORE SCHEMATIC

### WELL CONSTRUCTION DATA

## Surface Casing

## PROPOSED NEW DRILL WELLBORE SCHEMATIC

FORM	DEPTH	COMPLETION SCHEMATIC
Rustler	690	
Yates	1925	
Queen	2922	
Grayburg	3282	
San Andres	3748	
Bone Spring	6780	
Wolfcamp	5520	
Penn		

APINUM: 130-015-

OPERATOR: BURNETT 33 FEDERAL SWD

LEASENAME: BURNETT 33 FEDERAL SWD

SURF LOC	UL	C (SEC)	33	TYWC	178	RNG	31E
360 FNL						2050 FWL	
360 FNL						2050 FWL	

MD 3900 TVD 3900 KB GL DF

POOL SWD-WOLF CAMP Perf 3900-5900

POOL Perf

POOL Perf

CASING RECORD					
SIZE	DEPTH	CMT	HOLE SIZE	TOC	
SURF	13.376	500	TBD xxs	17 1/2	0' Cirs
INTM1	9.825	4500	TBD xxs	12 1/4	0' Cirs
PROD	7	3900	TBD xxs	7.875	4000'

PREPARED BY: \_\_\_\_\_

UPDATED: 05/20

Top of Cement: surface Method Determined: Circ

### Intermediate Casing

Top of Cement: Method Determined: *will circ.*

### Production Casing

Top of Cement: \_\_\_\_\_ Method Determined: Est. Top. 40

Total Depth: 9900

### Injection Interval

8900 feet to 9500

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 4 1/2 Lining Material: Plastic Coated  
Type of Packer: Baker loc set  
Packer Setting Depth: Approx. 8800  
Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? ✓ Yes        No  
If no, for what purpose was the well originally drilled? SWD
2. Name of the Injection Formation: Wolfcamp Reef
3. Name of Field or Pool (if applicable): NA
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. NONE
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  
overlying formation - Abo Reef 8400  
underlying formation Penn 10,000



# PROPOSED NEW DRILL WELLBORE SCHEMATIC

COMPLETION SCHEMATIC		APINUM: 30-015-	
FORM	DEPTH	OPERATOR: BURNETT OIL CO	
		LEASENAME: BURNETT 33 FEDERAL SWD	
		WELL NO. 1	
		SURF LOC:	UL: C SEC: 33 TWN: 17S RNG: 31E
		360 FNL 2050 FWL	
		BH LOC:	UL: C SEC: 33 TWN: 17S RNG: 31E
		360 FNL 2050 FWL	
		MD 9900	TVD 9900 KB DF
		GL	
		POOL	Perf 8900-9600
		SWD;WOLFCAMP	
		POOL	Perf
		POOL	Perf

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	500	TBD sxs	17 1/2	0' Circ
INTM1	9.625	4500	TBD sxs	12 1/4	0' Circ
PROD	7	9900	TBD sxs	7.875	4000'

FORMATION	DEPTH	COMPLETION
Rustler	690	13 3/8 @ 500' TOC @ 0'
Yates	1925	
Queen	2922	
Grayburg	3282	
San Andres	3746	TOC @ 4000'
Bone Spring	6760	9 5/8 @ 4500' TOC @ 0'
Wolfcamp	8529	Pkr w/ 4 1/2 plastic coated tbng set within 100' of uppermost perf
		PERF 8900-9500
		PBTD within 200' of lowermost perf ✓
Penn		5 1/2 @ 9900 TD 9900 TOC @ 4000'

*> 500' CBL*

PREPARED BY:

UPDATED

06/20/13



## DISPOSAL WELL

30-015-	BURNETT 33 FEDERAL SWD	1	BURNETT OIL COMPANY		I	N	Eddy	F	C	33	17	S	31	E	360	N	2050	W
---------	------------------------	---	---------------------	--	---	---	------	---	---	----	----	---	----	---	-----	---	------	---

Wells within 1/2 mile not penetrating proposed disposal interval.

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STATUS	CO	LAND	U/L	SEC	TWN		RNG				E/W		Dist
30-015-05440	SKELLY UNIT	98	WISER OIL CO (THE)	3810	O	P	EDDY	F	J	28	17	S	31	E	1980	S	1980	E	2652
30-015-04829	SKELLY UNIT	99	TEXACO PRODUCING INC	3780	O	P	EDDY	F	K	28	17	S	31	E	1980	S	1980	W	2341
30-015-22533	SKELLY UNIT	155	TEXACO PRODUCING INC	2680	O	P	EDDY	F	K	28	17	S	31	E	2130	S	1980	W	2490

Wells within 1/2 mile penetrating proposed disposal interval.

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STATUS	CO	LAND	U/L	SEC	TWN		RNG				E/W		Dist
30-015-28140	SKELLY UNIT	161	WISER OIL CO (THE)	12080	G	P ✓	EDDY	F	K	28	17	S	31	E	1650	S	2310	W	2026
30-015-28676	DOW B 28 FEDERAL	1	JUDAH OIL LLC	12725	S	A	EDDY	F	P	28	17	S	31	E	1028	S	1227	E	2436
30-015-27675	DOW B 33 FEDERAL	2	V-F PETROLEUM INC	12100	G	A	EDDY	F	C	33	17	S	31	E	660	N	2310	W	396
30-015-31723	DENALI 33 FEDERAL	1	EOG RESOURCES INC	11925	G	P ✓	EDDY	F	E	33	17	S	31	E	1980	N	660	W	2134
30-015-32164	DENALI 33 FEDERAL	2	V-F PETROLEUM INC	11950	O	A	EDDY	F	E	33	17	S	31	E	1580	N	760	W	1775

5 wells - 3 active / 2 P&amp;A

# WELLBORE COMPLETION SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-31723	
FORM	DEPTH	OPERATOR: EOG RESOURCES INC	

Plug 0-60

Plug 35 sxs 477-577

Plug 70 sxs 3380-3580

PERF 4600 Plug 4500-4600

PERF 6760 Plug 6610-6760

PERF 8338 Plug 8138-8338

Plug 101 sxs 9336-9636

PERF 11106-11685

PERF 11818-11832

TD 11925

FORMATION	DEPTH (ft)
Rustler	690
Yates	1925
Queen	2914
Grayburg	3282
San Andres	3653
Bone Spring	6760
Wolfcamp	8338
Penn	
Strawn	10809
Atoka	10968
Morrow	11310
Miss	11900

11 3/4 @ 527' TOC @ 0'

8 5/8 @ 4600' TOC @ 0'

5 1/2 @ 12100 TOC @ 3100'

LEASENAME: DENALI 33 FEDERAL		WELL NO. 1	
SURF LOC:	UL: E SEC: 33 TWN: 17S RNG: 31E		
1980 FNL		660 FWL	
BH LOC:	UL: E SEC: 33 TWN: 17S RNG: 31E		
1980 FNL		660 FWL	
MD 11925	TVD 11925	KB	DF
		GL	
POOL DRY & ABANDONED		Perf	
POOL		Perf	
POOL		Perf	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	11.75	527	385 sxs	14.75	0' Circ
INTM1	8.625	4600	1450 sxs	11	0' Circ
PROD	NONE				

SPUD: 06/10/2001

COMP: 07/26/2001

P&A: 07/26/2001

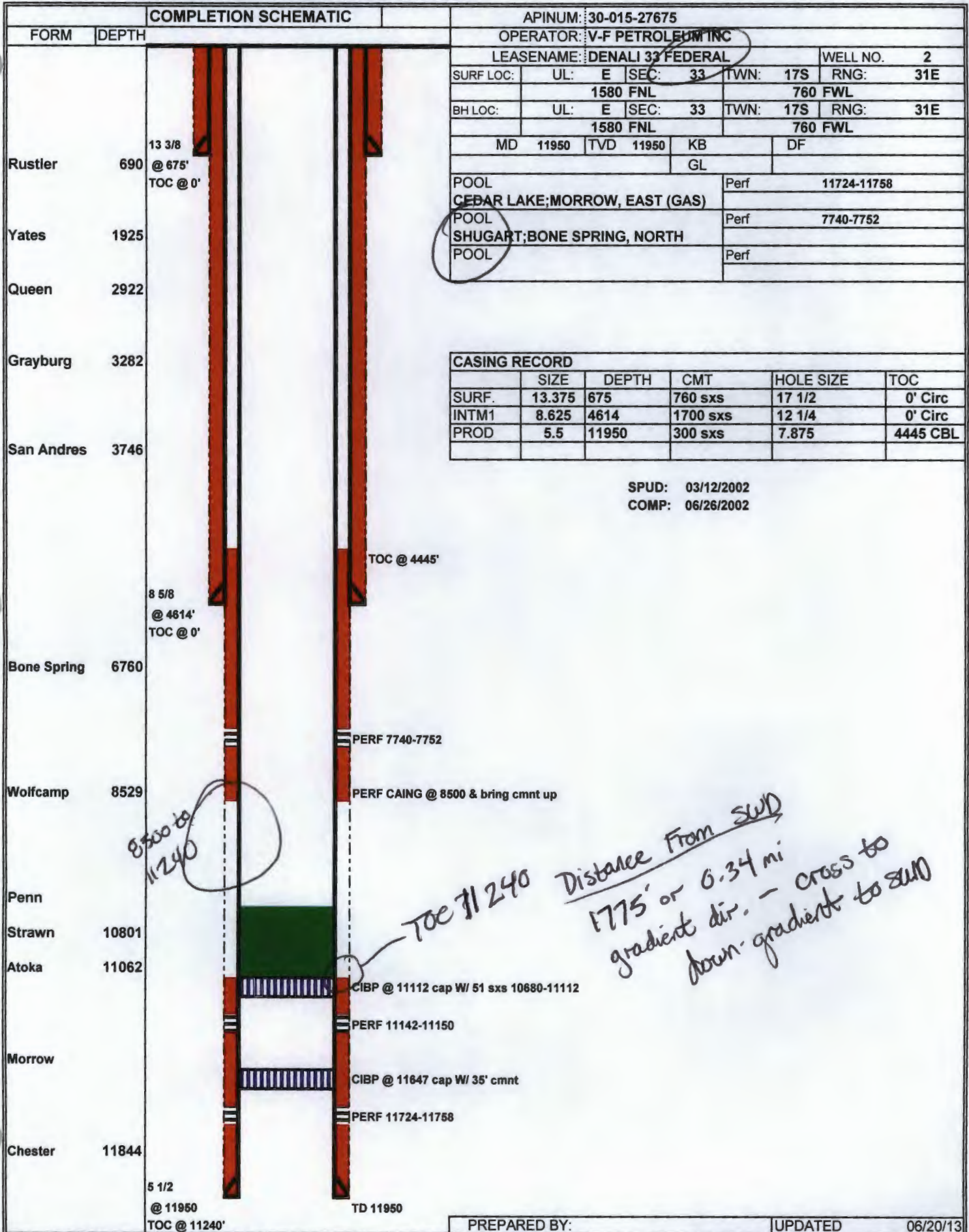
Perforated & squeezed

Review C-103 / Sunday

STUCK PIPE



# WELLBORE SCHEMATIC AND HISTORY

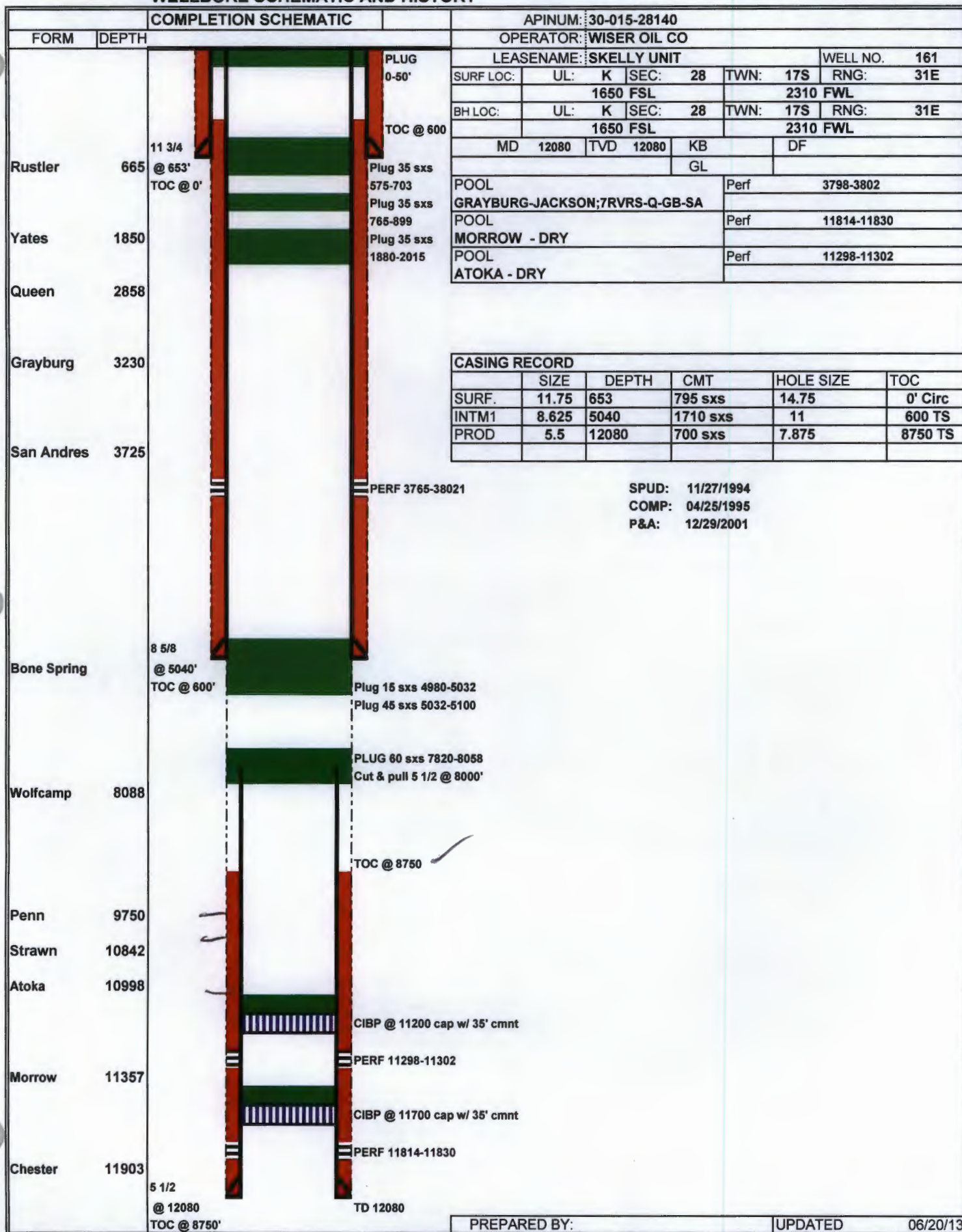


PREPARED BY:

UPDATED

06/20/13

# WELLBORE SCHEMATIC AND HISTORY



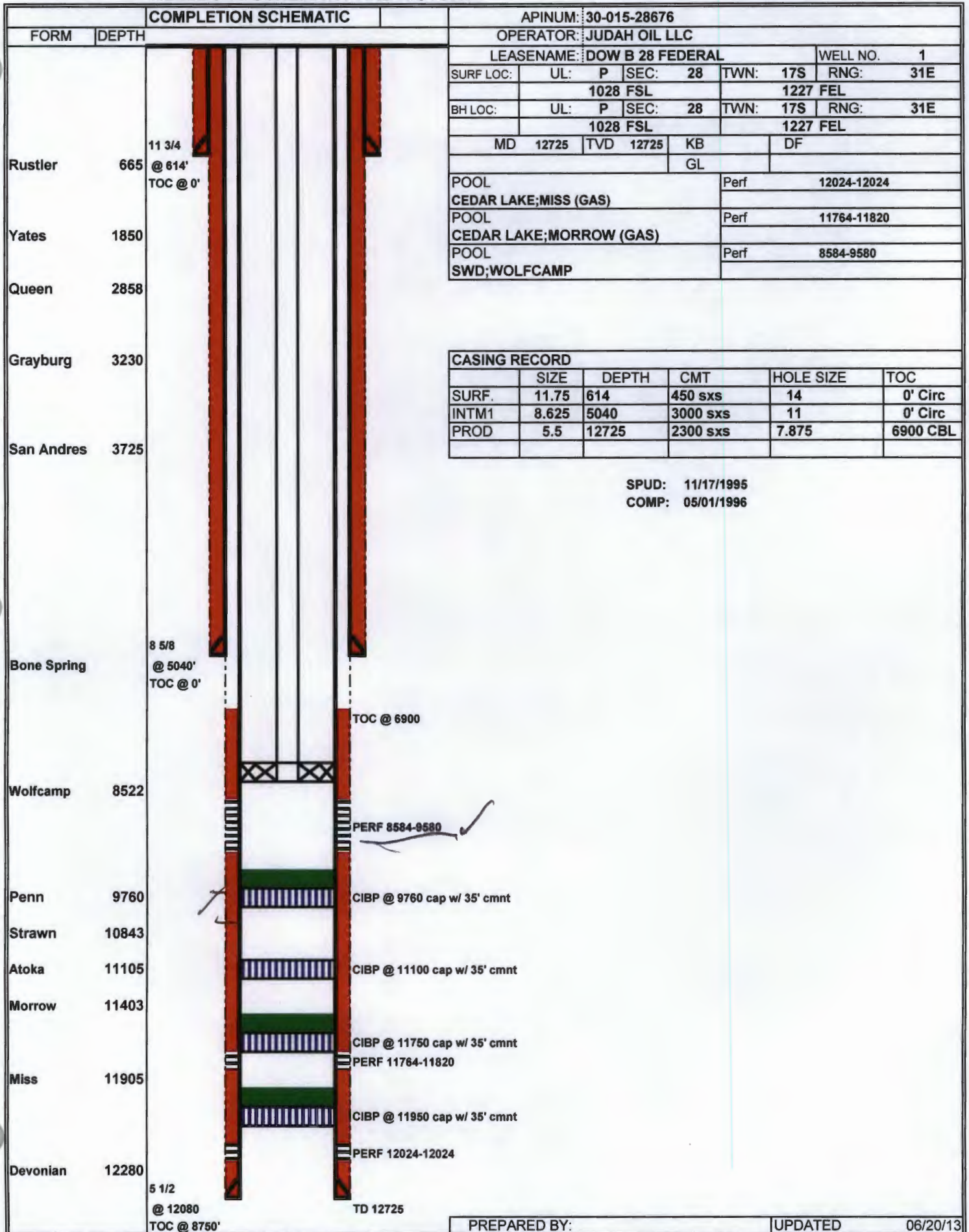
PREPARED BY:

UPDATED

06/20/13



# WELLBORE SCHEMATIC AND HISTORY



# WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-27675	
FORM	DEPTH	OPERATOR: V-F PETROLEUM INC	
		LEASENAME: DOW B 33 FEDERAL	
		WELL NO. 2	
		SURF LOC:	UL: C SEC: 33 TWN: 17S RNG: 31E
		660 FNL 2310 FWL	
		BH LOC:	UL: C SEC: 33 TWN: 17S RNG: 31E
		660 FNL 2310 FWL	
		MD 12100	TVD 12100 KB DF
		GL	
		POOL	Perf 11818-11832
		CEDAR LAKE;MORROW, EAST (GAS)	11106-11685
		POOL	Perf
		POOL	Perf
		POOL	Perf
		Casing Record	
		SIZE	DEPTH
		CMT	HOLE SIZE
		TOC	
		SURF.	11.75 679 920 sxs 14.75 0' Circ
		INTM1	8.625 5100 1593 sxs 11 0' Circ
		PROD	5.5 12100 1520 sxs 7.875 3100 TS
		PERFS 3752-3810 SQZ	
		SPUD: 10/24/1993	
		COMP: 12/24/1993	
		TOC @ 3100'	
		8 5/8 @ 5100' TOC @ 0'	
		PERF 11106-11685	
		PERF 11818-11632	
		5 1/2 @ 12100 TD 12100 TOC @ 3100'	
		PREPARED BY:	
		UPDATED 06/20/13	

# Water Sample Analysis

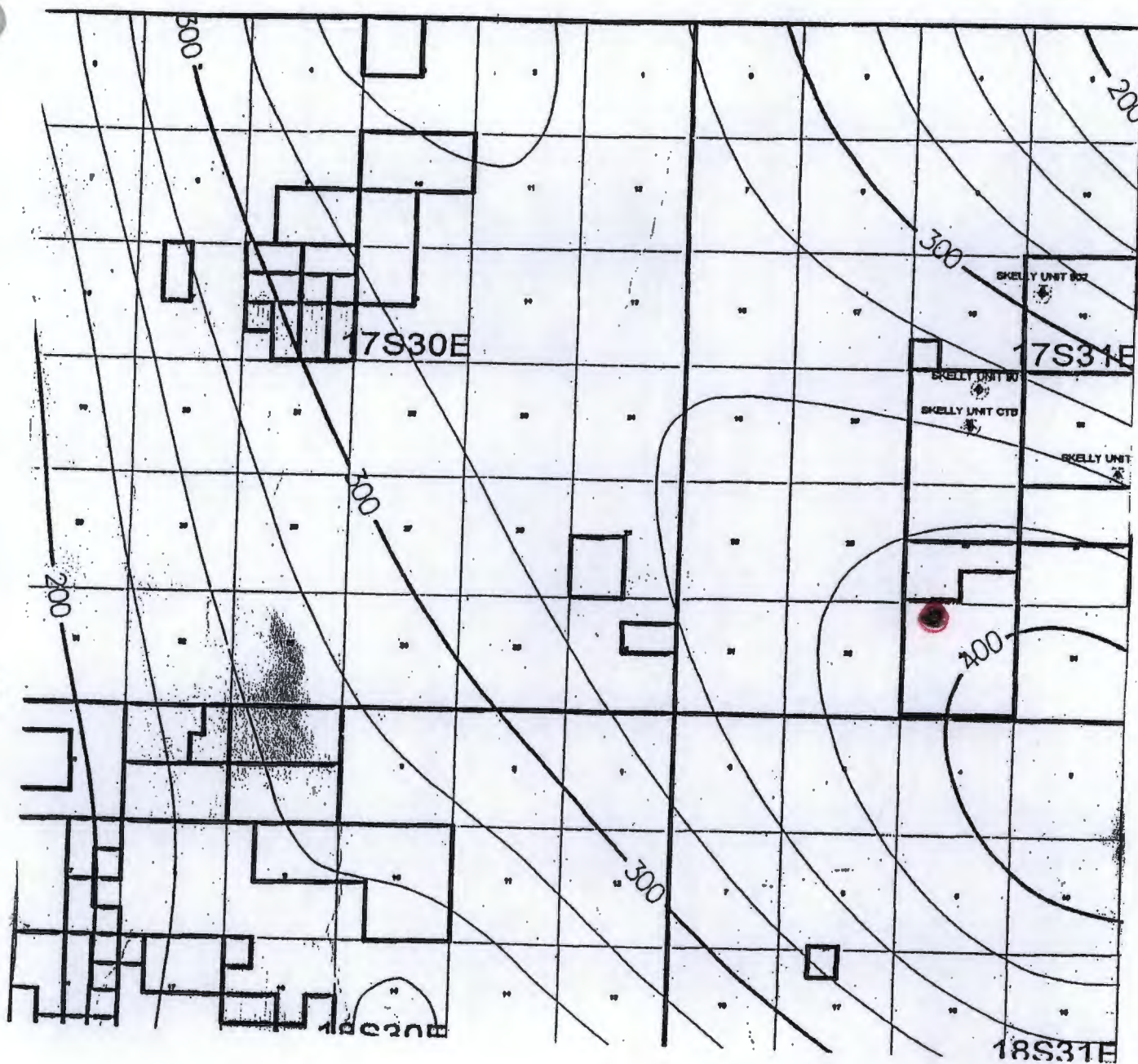
Pool	Section	Location Township	Range	Chlorides
North Justis Montoya	2	25S	37E	45440
North Justis McKee	2	25S	37E	58220
North Justis Fusselman	2	25S	37E	68533
North Justis Ellenburger	2	25S	37E	34151
Fowler Blinbry	22	24S	37E	116085
Skaggs Grayburg	18	20S	38E	84845
Warren McKee	18	20S	38E	<del>85910</del>
Warren Abo	19	20S	39E	91600
DK Drinkard	30	20S	39E	106855
Littman San Andres	8	21S	38E	<del>38895</del>
East Hobbs grayburg	29	18S	39E	6461
Halfway Yates	16	20S	32E	14768
Arkansas Junction San Andres	12	18S	38E	<del>7171</del>
Pearl Queen	28	19S	35E	114310
Midway Abo	17	17S	37E	38494
Lovinton Abo	31	16S	37E	22933
Lovington San Andres	3	16S	37E	<del>4899</del>
Lovington Paddock	31	16S	37E	93720
Mesa Queen	17	16S	32E	<del>172530</del>
Kemnitz Wolfcamp	27	16S	34E	<del>48345</del>
Hume Queen	9	16S	34E	124960
Anderson Ranch Wolfcamp	2	16S	32E	11040
Anderson Ranch Devonian	11	16S	32E	25702
Anderson Ranch Unit	11	16S	32E	23788
Caudill Devonian	9	15S	38E	20874
Townsend Wolfcamp	6	16S	38E	38895
Dean Perno Perin	5	16S	37E	44730
Dean Devonian	35	15S	38E	18525
South Denton Wolfcamp	26	15S	37E	54315
South Denton Devonian	36	15S	37E	34080
Medicine Rock Devonian	15	15S	38E	39760
Little Lucky Lake Devonian	29	15S	30E	23288
Wantz Abo	26	21S	37E	132770
Crosby Devonian	18	25S	37E	58220
Scarborough Yates Seven Rivers	7	26S	37E	3443(Reef)
Teague Simpson	34	23S	37E	114665
Teague Ellenburger	34	23S	37E	120345
Rhodes Yates 7 Rivers	27	26S	37E	144485
House SA	11	20S	38E	<del>93385</del>
House Drinkard	12	20S	38E	49700
South Leonard Queen	24	26S	37E	115375
Elliot Abo	2	21S	38E	55380
Scharb Bone Springs	5	19S	35E	30801
EK Queen	13	18S	34E	41890
East EK Queen	22	18S	34E	179830
Maljamar Grayburg SA	22	17S	32E	<del>48078</del>
Maljamar Paddock	27	17S	32E	115375
Maljamar Devonian	22	17S	32E	25418



Records of wells from Eddy County, New Mexico

Location	Well Status	Altitude (feet)	Depth of Well(ft.)	Depth to Water(ft.)	Aquifer	Date of Measurement	Remarks
17.28.14.220	Stock/domestic			80	Dckm ?		
19.200	Stock			224.3	Ckbf/Rslr	Dec.2,1948	
22.230	Abandoned stock			45.5	Rslr/Dckm	Dec.1,1948	
24.224	Stock	3565	33.88	24.2		Oct.14,1977	
17.29. 8.231,	Stock	3617	92.7	90.13		Oct.14,1977	
No water listed							
22.110	Stock	3550		79.7	Dckm ?	Nov.29,1948	
No water 29.400	Stock			210	Dckm ?	Dec.3,1948	
17.31.34.000	Stock			271+	Dckm	Dec.6,1948	
18.27. 8.240	Unused	3505		181.40		Jan.9,1964	
8.244	Industrial	3513	381	325 ?		Apr.,1951	Oil test
10.200	Unused	3470		46.92		Jan.9,1964	
10.214	Industrial	3493	130	50		Jul.,1958	Oil test
28.13	Domestic/stock	3377	120	100		May,1960	
28.140	Unused	3415		91.37		Jan.9,1964	
33.42	Stock	3447	90	49.3		Sep.,1969	
18.28. 8.330	Stock			81.6	Ckbf/Rslr	Dec.3,1948	
30.110	Stock/domestic	3560		137.1	Ckbf ?	Dec.2,1948	
18.29.24.142	Windmill	3436		156.44		Oct.18,1977	S.C.2600; 21°C
24.23311	Windmill	3436		160.20	Trsc	Apr.8,1971	
24.300	Stock	3430		158.3	Dckm	Apr.28,1950	
34.324	Stock	3440	250	230		Mar.,1960	Yield: 63gpm
18.30.21.4200	Open cased hole	3495		266.48	Trcl	Dec.9,1965	
22.2220	Open cased hole	3430		239.26	Trcl	Apr.8,1971	
26.4140	Stock	3430	223.0	201.67	Trcl	Dec.14,1977	S.C. 1100
31.323	Observation	3370	161.0	157.80		Nov.18,1977	
32.32422	Windmill	3380		161.28	Trcl	Apr.8,1971	
32.413	Abandoned windmill	3370	266	158.77		Oct.18,1977	
18.31. 1.44432	Windmill	3797		460.42	Trcl	Apr.7,1971	
12.223	Stock	3795	480+	453.39		Oct.18,1977	
12.23144	Stock	3775	600	435.34	Trcl	Apr.7,1971	





Groundwater Map

## **OFFSETS AND MINERAL NOTICES**

### **LAND OWNER & MINERAL OWNER FOR APR AND LEASE**

BLM - US Minerals and Surface Owner  
620 E. Green St.  
Carlsbad, NM 88220

### **OFFSETS OPERATORS AND MINERAL LEASEES**

State Land Office  
310 Old Santa Fe Trail  
Box 1148  
Santa Fe, NM 87504-1148

Oxy USA, Inc.  
Box 4294  
Houston, TX 77210

EOG Resources, Inc.  
Box 2267  
Midland, TX 79702

V.F. Petroleum  
Box 1889  
Midland, TX 79702

Chevron Corp.  
15 Smith Rd.  
Midland, TX 79705

Judah Oil , LLC  
Box 568  
Artesia, NM 88215

The Wiser Oil Co.  
Box 2568  
Hobbs, NM 88240

**BURNETT OIL CO.**

June 2013

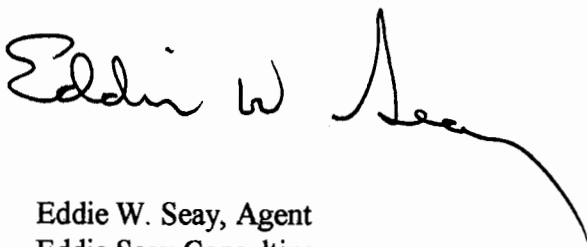
RE: Burnett 33 Fed #1  
Unit C, Section 33, Tws. 17 S., Rng. 31 E.  
Eddy Co., NM

Dear Sir:

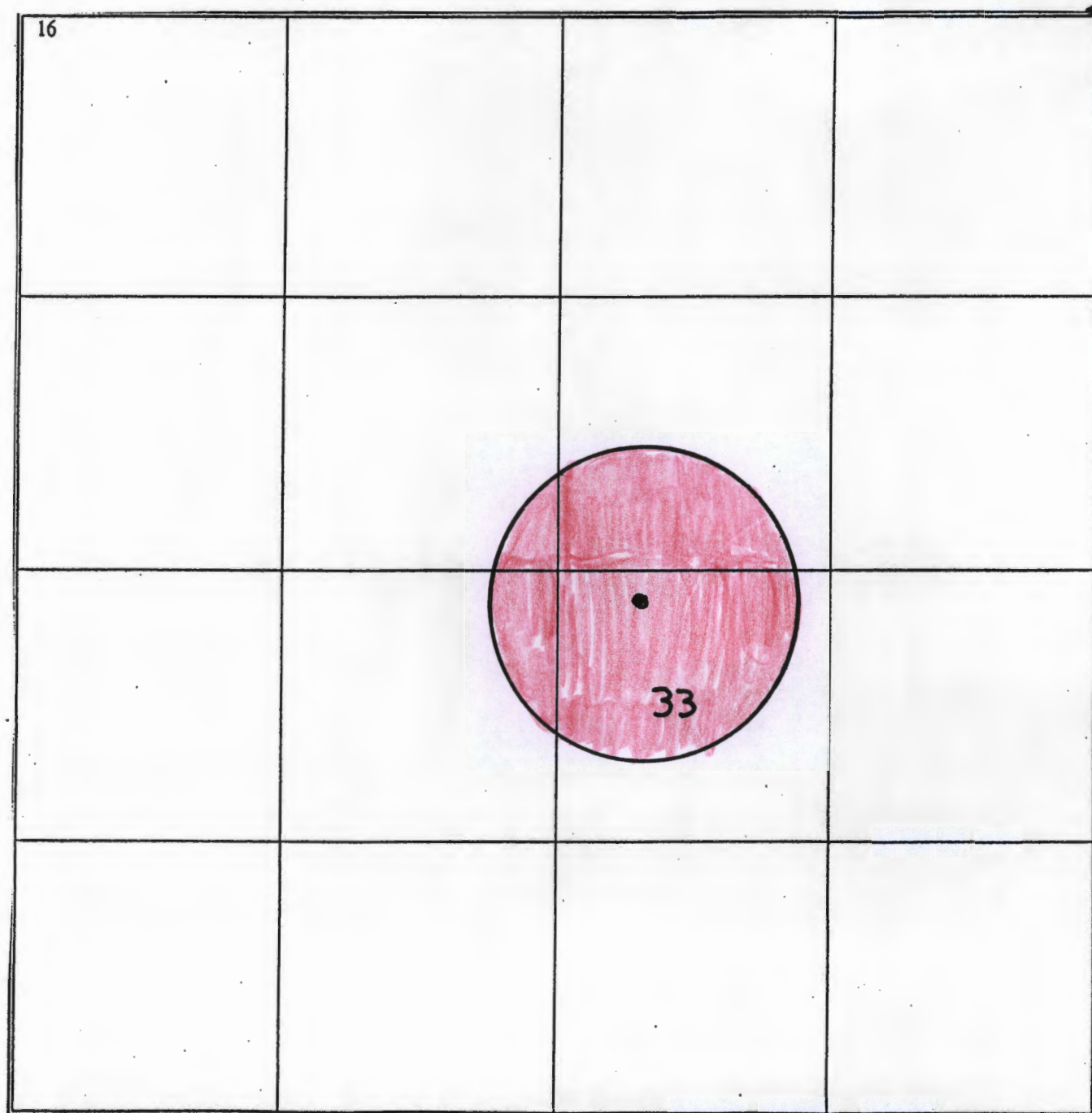
In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, you are being provided a copy of the C-108, Application for Authorization to Inject in to the above captioned well.

Any questions about the permit can be directed to Eddie W. Seay, (575)392-2236. Any objections or request for hearing must be filed with the Oil Conservation Division within fifteen (15) days from the date received. The OCD address is 1220 S. Saint Francis Drive, Santa Fe, NM 87504, (505)476-3440.

Thank You,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Eddie W. Seay, Agent  
Eddie Seay Consulting  
601 W. Illinois  
Hobbs, NM 88242  
575-392-2236  
seay04@leaco.net



● Federal Minerals



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 Street, Apt. No., or PO Box No.  
**Box 2267**  
 City, State, ZIP+4  
**Midland, TX 79702**

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**V.F. Petroleum**  
 Street, Apt. No., or PO Box No.  
**Box 1889**  
 City, State, ZIP+4  
**Midland, TX 79702**

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Sent To  
**The Wiser Oil Co.**  
 Street, Apt. No., or PO Box No.  
**Box 2568**  
 City, State, ZIP+4  
**Hobbs, NM 88240**

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15 Smith Rd.	
Midland, TX 79705	
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Box 568	
Artesia, NM 88215	
PS Form 3800, August 2006	
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## **LEGAL NOTICE**

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Burnett Oil Co. Inc., Burnett Plaza, Suite 1500, 801 Cherry St. Unit #9, Ft. Worth, Texas 76102, is filing a C-108, Application for Salt Water Disposal. The well being applied for is a new drill for SWD, the Burnett 33 Fed #1, located in Unit C, Section 33, Township 17 South, Range 31 East, Eddy Co., NM. The injection formation is the Wolfcamp Reef from 8900' to 9500' below surface. Expected maximum injection rate is 8000 bpd., and the expected maximum injection pressure is 1600 psi or what the OCD allows. Any questions about the application can be directed to Eddie W. Seay, (575)392-2236, or any objection or request for hearing must be directed to the Oil Conservation Division, (505)476-3440, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within fifteen (15) days.

# Affidavit of Publication

NO. 22628

STATE OF NEW MEXICO

County of Eddy:

Danny 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 state, and that the hereto 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 weeks/days on the same

day as follows:

First Publication

June 23, 2013

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Subscribed and sworn to before me this

24th day of June 2013



OFFICIAL SEAL  
Latisha Romine  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2015

*Latisha Romine*

Latisha Romine  
Notary Public, Eddy County, New Mexico

# Copy of Publication:

## LEGAL NOTICE

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**C-108 Review Checklist:** Received 07/09/13 Add. Request: 07/25/13 Reply Date: 07/30/13 Suspended: — [Ver 8]

Issued Permit: WFX / PMX (SWD) Number: 1442 Permit Date: 07/26/13 Legacy Permits/Orders: —

Well No. 1 Well Name(s): Burnett 33 Federal (PAXK1319056409)

API: 30-015 - Pending Spud Date: New New or Old: (N) (UIC Class II Primacy 03/07/1982)

Footages 360 FNL/2050 FWL Lot — Unit C Sec 33 Tsp 17S Rge 31E County Eddy

General Location: ~7 mi E of Loco Hills/Taylor Draw Pool: SWD: Wolfcamp Pool No.: 96135

Operator: Burnett Oil Company OGRID: 3080 Contact: Eddie Seay, Consultant

COMPLIANCE RULE 5.9: Inactive Wells: 6 Total Wells: 254 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? OK

Well File Reviewed ☐ Current Status: New well / no casefile

Well Diagrams: Proposed New ☒ Before Conversion ☐ After Conversion ☐ Are Elogs in Imaging?: When completed

Planned Rehab Work to Well: NA - new well

Well Construction Details:		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Cond					
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Surface		<u>17 1/2 / 13 3/8</u>	<u>0 to 500</u>	<u>700</u>	<u>Circ. to surface</u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Interm/Prod		<u>12 1/4 / 9 5/8</u>	<u>0 to 4500</u>	<u>1600</u>	<u>Circ. to surface</u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Long St/Prod		<u>7 7/8 / 7</u>	<u>0 to 9900</u>	<u>350</u>	<u>Calc. from CBL</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner					<u>Seal</u>
Planned <input checked="" type="checkbox"/> or Existing <input checked="" type="checkbox"/> OH (PERF)		<u>7 7/8 / 7</u>	<u>8900 to 9500</u>	<u>Inj Length 600</u>	
Injection Stratigraphic Units:		Depths (ft)	Injection or Confining Units	Completion/Operation Details:	
Adjacent Unit: Litho. Struc. Por.			<u>San Andres</u>	Drilled TD <u>9900</u>	PBTD <u>9700</u>
Confining Unit: Litho. Struc. Por.			<u>Bone Springs</u>	New TD <u>—</u>	New PBTD <u>—</u>
Proposed Inj Interval TOP:		<u>8900</u>	<u>Wolfcamp</u>	Open Hole <input type="radio"/> or Perfs <input checked="" type="checkbox"/>	
Proposed Inj Interval BOTTOM:		<u>9500</u>	<u>Wolfcamp</u>	Tubing Size <u>4 1/2</u>	Inter Coated? <u>Yes</u>
Confining Unit: Litho. Struc. Por.			<u>ifm</u>	Proposed Packer Depth <u>within 100-ft</u>	
Adjacent Unit: Litho. Struc. Por.			<u>Cisco</u>	Min. Packer Depth <u>2800</u>	(100-ft limit)
			<u>Canyon</u>	Proposed Max. Surface Press <u>1600</u>	
AOR: Hydrologic and Geologic Information				Admin Inj. Press <u>1780</u>	(0.2 psi per ft)
POTASH: R-111-P <input type="checkbox"/> Noticed? <u>NA</u>	BLM Sec Ord <input type="checkbox"/> WIPP <input type="checkbox"/> Noticed? <u>NA</u>	SALADO: T: <u>~730</u>	B: <u>~1256</u>	CLIFF HOUSE <u>NA</u>	
Fresh Water: FW Formation <u>Ogallala</u>	Max Depth <u>~300</u>	Wells? <u>None</u>	Analysis? <u>None</u>	Hydrologic Affirm Statement <u>Yes</u>	
Disposal Fluid: Formation Source(s) <u>SA-Grayburg-Yes</u>	Analysis? <u>Yes</u>	On Lease <input type="checkbox"/> Operator Only <input checked="" type="checkbox"/> or Commercial <input type="checkbox"/>			
Disposal Interval: Injection Rate (Avg/Max BWPD): <u>3000</u>	Protectable Waters: <u>No</u>	CAPITAN REEF: thru <u>NA</u>	adjacent <u>NA</u>		
H/C Potential: Producing Interval? <u>No</u>	Formerly Producing? <u>No</u>	Method: E Log / Mudlog / DST / Depleted / Other <u>P&amp;As and historical</u>			
AOR Wells: 1/2-M Radius Map? <u>Yes</u>	Well List? <u>Yes</u>	Total No. Wells Penetrating Interval: <u>5</u>	Horizontals? <u>0</u>		
Penetrating Wells: No. Active Wells <u>3</u>	Num Repairs? <u>0</u>	on which well(s)? <u>—</u>	Diagrams? <u>Yes</u>		
Penetrating Wells: No. P&A Wells <u>2</u>	Num Repairs? <u>0</u>	on which well(s)? <u>—</u>	Diagrams? <u>Yes</u>		
NOTICE: Newspaper Date <u>06/23/13</u> Mineral Owner <u>BLM</u> Surface Owner <u>BLM</u> N. Date <u>6/27/13</u>					
RULE 26.7(A): Identified Tracts? <u>Yes</u> Affected Persons: <u>EOG/oxyl VF Petro. / Wiser / Judah / Chavira</u> Date <u>6/27/13</u>					

Permit Conditions: Issues: No determination for TOC for 7-in - notes TS in email

Add Permit Cond: CBL for TOC of 7-in casing

## Goetze, Phillip, EMNRD

---

**From:** Rena Seay <seay04@leaco.net>  
**Sent:** Monday, September 30, 2013 9:24 AM  
**To:** Goetze, Phillip, EMNRD  
**Subject:** Re: Application for the Burnett 33 Federal

Here is the info you requested:

		CEMENT	HOLE SIZE	TOC
Surf - 13.375	set 500 ft.	700 sx	17.5	surface circ.
Int. - 9.625	set 4500 ft.	1600 sx	12.25	surface circ.
Prod. Csg. - 7	set 9900 ft.	350 sx	7.875	estimate TOP
				4000
				will run TS

If you need anything further, please let me know.

Eddie Seay

----- Original Message -----

**From:** Goetze, Phillip, EMNRD

**To:** seay04@leaco.net

**Sent:** Thursday, September 26, 2013 9:35 AM

**Subject:** Application for the Burnett 33 Federal

Eddie:

I need the following for the permit to be complete: estimates of cement volumes for the well completion. Thanks. PRG

Phillip R. Goetze, P.G.

Engineering Bureau, Oil Conservation Division

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

O: 505.476.3466 F: 505.476.3462