

DATE 8/20/13	SUSPENSE	ENGINEER SWD	LOGGED IN	TYPE SWD	APP NO. PWW1307661888
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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 _____

[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

2/5/2013
 Date

seay04@leaso.net
 e-mail Address

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.

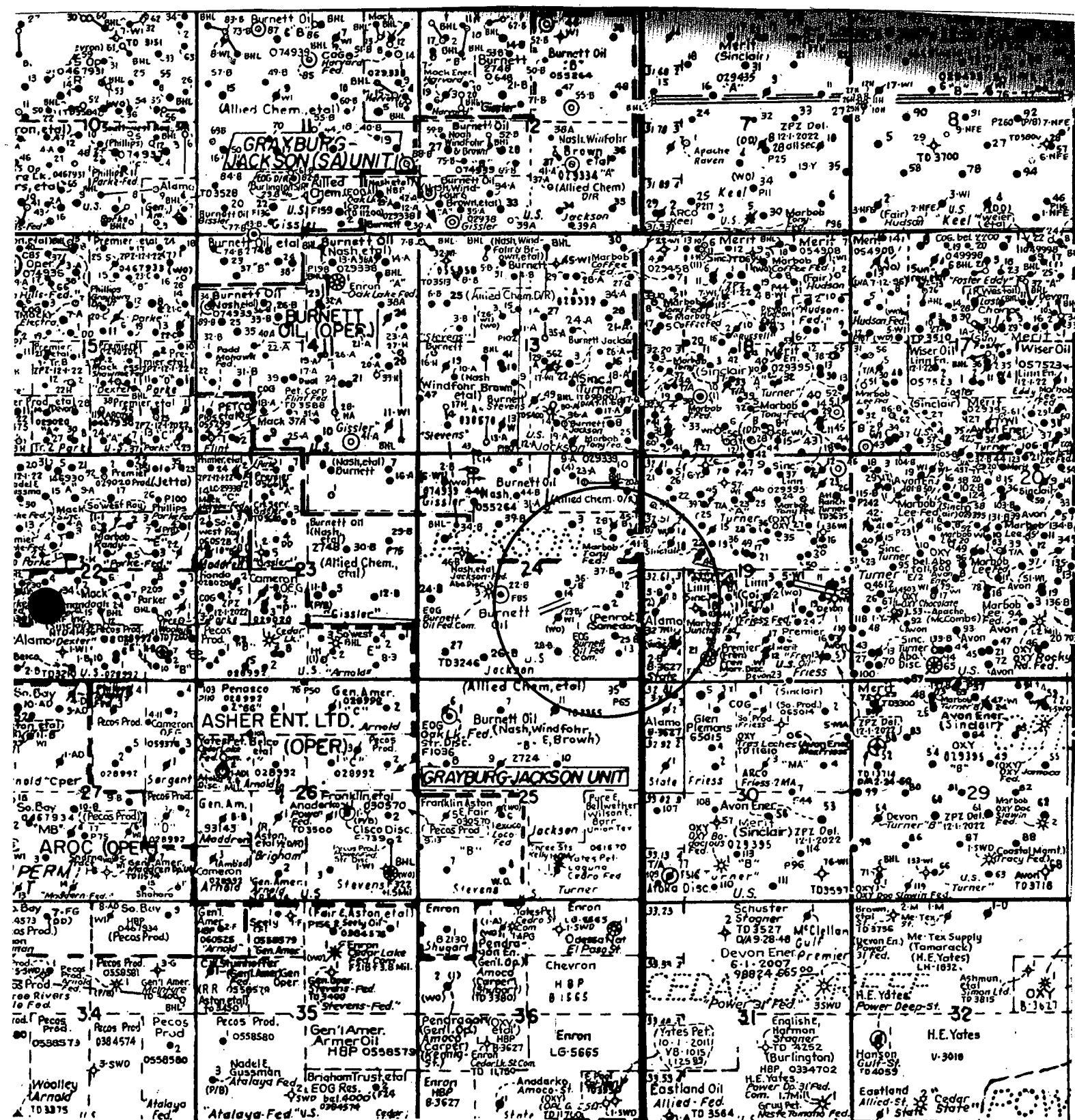
NAME: Mark Jacoby TITLE: VP Production

SIGNATURE:  DATE: 2/5/2013

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 submitted by COG when drilled.

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



ATTACHMENT TO APPLICATION C-108

EOG Burnett Fed 24-2 (API 30-015-34586)
Unit I, Sect. 24, Tws. 17 S., Rng. 30 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) 2 7/8" plastic coated tubing.
 - 4) Baker Lock Set with on/off tool.
- B.
- 1) Injection formations are the Abo and Abo Reef. *7043 8190*
 - 2) Injection interval from ~~6914'~~ to 8200'.
 - 3) This was drilled as a producer by EOG & P & A.
 - 4) The next higher producing zone is the Tubb at approximately 5540'.
The next lower producing zone is the Wolfcamp at approximately 8206'.

IV. NO.

V. MAP ATTACHED.

VI. LIST OF WELLS AND DATA ATTACHED.

- VII. Burnett proposes to re-enter recently P & A well. Clean out cement plugs to 10304'. Set CIBP at 8425' cap with 35 ft. cement. Top of cement will be at 8390', 200 ft. below lowest perms projected to be at 8190'. Test casing for integrity. Go in hole and selectively perforate from 7963' to 8190' and from *7043* to 7274', acidize perms. Run 2 7/8" IPC tubing and 5 1/2" packer and set at approximately 75 ft. above top perforations. Load Backside and run MIT.

- 1) Plan to inject approximately 5000 bpd of produced water from Burnetts own operation.
- 2) Closed system.
- 3) Average injection pressure should be approximately 1000# to 1200# 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 Abo and Abo Reef from 6914' to 8200'.

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 SUBMITTED BY EOG WHEN DRILLED AND NEW LOGS WILL BE SENT AFTER COMPLETION.

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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Burnett Oil Co IncWELL NAME & NUMBER: EOG Burnett Fed 24-2WELL LOCATION: 1680/S 850/E
FOOTAGE LOCATIONI
UNIT LETTER24
SECTION17
TOWNSHIP30
RANGEWELLBORE SCHEMATIC

AFTER WELLBORE SCHEMATIC
COMPLETION SCHEMATIC

FORM	DEPTH
Rustler	540
T. Salt	10" @ 530' TOC @ 9'
B. Salt	1330
Yates	1430
Queen	2383
San Andres	3043
Gloster	4690
Tubb	5540 @ 540' TOC @ 9'
Abco Shale	5422
Abco Reef	5914
Wolfcamp	8206
Atoka	10632
Morrow	10856

Hole size reduced from 14 3/4 to 12" @ 1000 7777
Dry Tool @ 7777

CASING RECORD	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	18	520	780 x 33	20	0' C/c
INTMT.	8.625	0-1800	1800 x 33	14.75	0' C/c
PROD.	8.625	1800-5434	11	11	0' C/c

SPUD: 04/10/2006
COMP: 08/12/2009
PLUG: 03/27/2012

Will clean out to top of plug @ 10304
Set CBP @ 8425 cap w/ 35' cement. Top cement will be @ 8390, 200' below lowest perf @ 8190.

2 7/8 BPC Plug w/ plug set 7' above top prod.

PERF 7043-7274

PERF 7943-8190

CBP @ 8425 cap w/ 35' cement. Top of cement @ 8307, 200' below lowest perf @ 8190

PLUG 88 size 10304-10803

PERF 10814-10824

CBP @ 11008 cap w/ 80' cement

Top Bulk 11019 Plug w/ plug @ 11040

PERF 11134-11142

TD 11182

12 @ 11082
TOC @ 9'

PREPARED BY: _____ UPDATED: 01/28/13

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 20 Casing Size: 16

Cemented with: 760 SX. or _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: 14 + 11 Casing Size: 8.625

Cemented with: 1800 SX. or _____ ft³

Top of Cement: Surface Method Determined: Circ.

Production Casing

Hole Size: 7 7/8 Casing Size: 5 1/2

Cemented with: 575 SX. or _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 11562

Injection Interval

7043 feet to 8190

(Perforated) or Open Hole; indicate which)

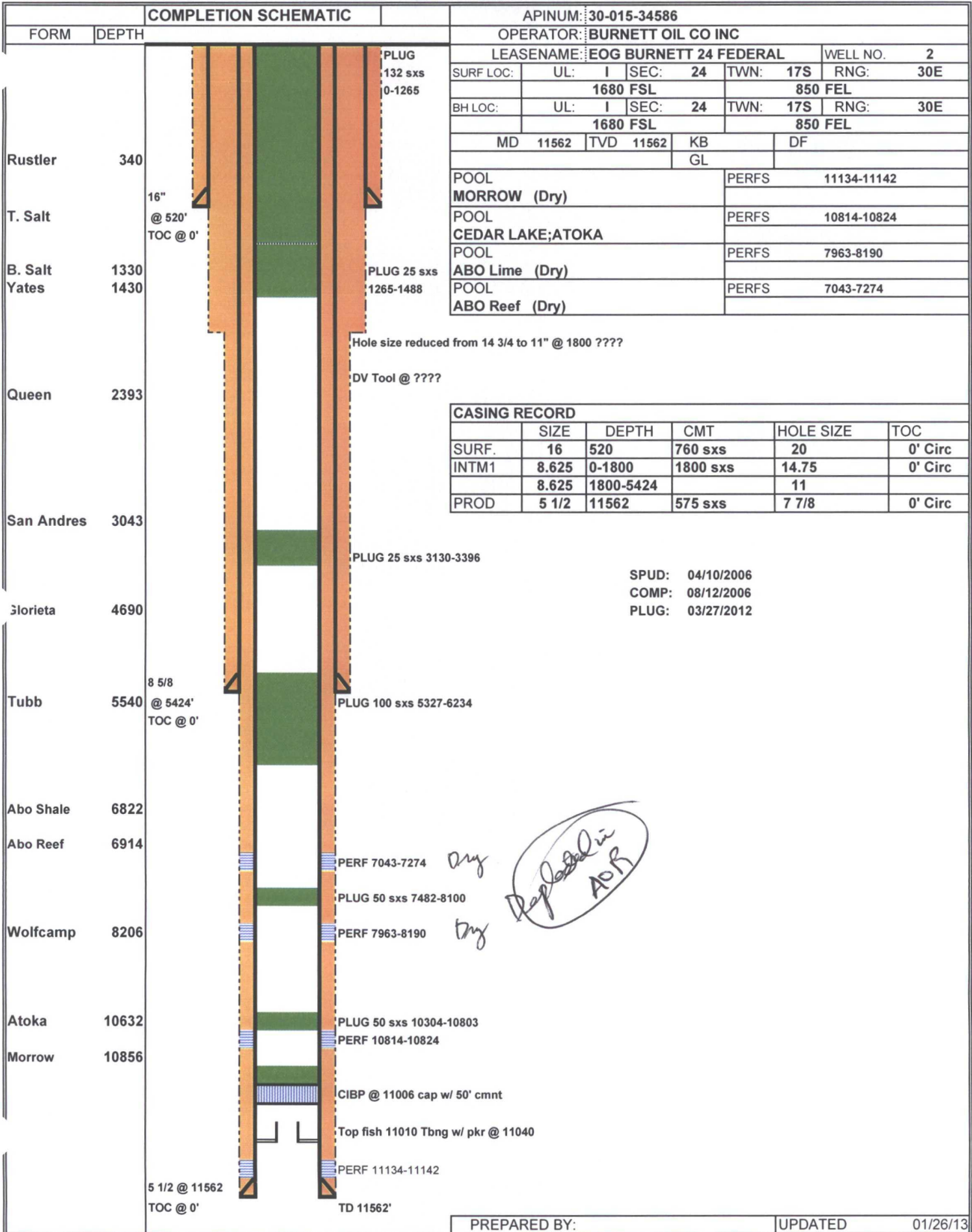
INJECTION WELL DATA SHEET

Tubing Size: 2 $\frac{7}{8}$ Lining Material: IPC
Type of Packer: Baker loc set w/ on off tool
Packer Setting Depth: Approx 6958
Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No
If no, for what purpose was the well originally drilled? Production
2. Name of the Injection Formation: Abo / Abo Reef
3. Name of Field or Pool (if applicable): Cedar Lake
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. Atoka 10814 to 10824, Morrow 11134 to 11142
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Tubb at 5540
Wolfcamp at 8206

BEFORE WELLBORE SCHEMATIC AND HISTORY



DISPOSAL WELL

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W
30-015-34586	BURNETT OIL 24 FED COM	2	BURNETT OIL CO INC	11562	G	P	Eddy	F	I	24	17 S	30 E	1680 S	850 E

Wells within 1/2 mile which penetrate proposed disposal interval

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance
30-015-04319	JACKSON B	23	BURNETT OIL CO INC	7028	SWD	A	Eddy	F	J	24	17 S	30 E	1420 S	1980 E	1653 ✓
30-015-33533	JUNCTION FEDERAL	1	APACHE CORP	11420	G	A	Eddy	F	K	19	17 S	31 E	1980 S	1930 W	2297 ✓
30-015-05264	FREN OIL COMPANY	18	LINN OPERATING, INC.	7115	O	A	Eddy	F	K	19	17 S	31 E	1650 S	3530 E	1749 ✓
30-015-10167	STATE BK	5	ALAMO PERMIAN RESOURCES, LLC	7129	O	A	Eddy	S	L	19	17 S	31 E	1650 S	330 W	678 ✓
30-015-05269	STATE BK	6	MACK ENERGY CORP	7088	O	P	Eddy	S	M	19	17 S	31 E	990 S	744 W	1291 ✓
30-015-05266	FREN OIL CO	20	MARBOB ENERGY CORP	6900	O	P	Eddy	F	N	19	17 S	31 E	900 S	1980 W	2454 ✓
30-015-10610	FREN OIL CO COM	21	PREMIER OIL & GAS INC	12299	G	P	Eddy	S	N	19	17 S	31 E	560 S	1690 W	2325 ✓

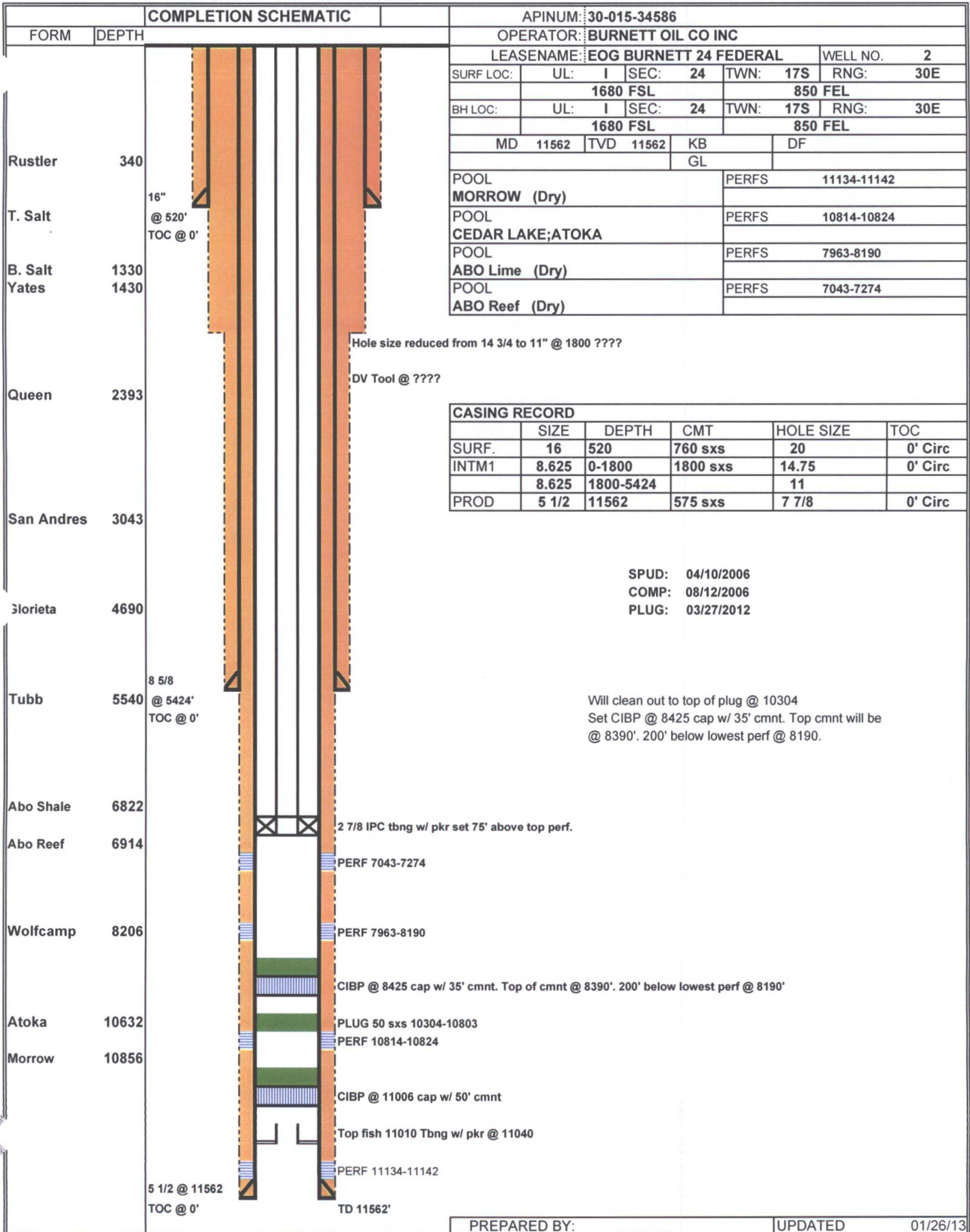
30-015-34586	BURNETT OIL 24 FED COM	2	BURNETT OIL CO INC	11562	G	P	Eddy	F	I	24	17	S	30	E	1680	S	850	E
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Wells within 1/2 mile of the proposed disposal well

Wells within 1/2 mile of the proposed disposal well															5280	5280			
API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance				
30-015-31670	JACKSON A	20	BURNETT OIL CO INC	5200	O	A	Eddy	F	A	24	17	S	30	E	990	N	330	E	2610
30-015-04313	JACKSON B	3	BURNETT OIL CO INC	3529	O	A	Eddy	F	G	24	17	S	30	E	1650	N	1980	E	2543
30-015-04312	JACKSON B	2	BURNETT OIL CO INC	3560	O	P	Eddy	F	H	24	17	S	30	E	1650	N	660	E	1974
30-015-33133	JACKSON B	41	BURNETT OIL CO INC	4802	O	A	Eddy	F	H	24	17	S	30	E	2311	N	379	E	1289
30-015-35398	JACKSON B	45	BURNETT OIL CO INC	5528	O	A	Eddy	F	H	24	17	S	30	E	1800	N	380	E	1800
30-015-04317	JACKSON B(B-2)	16	BURNETT OIL CO INC	2000	O	A	Eddy	F	H	24	17	S	30	E	1980	N	660	E	1649
30-015-04314	JACKSON B	12	BURNETT OIL CO INC	3803	O	A	Eddy	F	I	24	17	S	30	E	1980	S	539	E	355
30-015-28641	JACKSON B	37	BURNETT OIL CO INC	3211	O	A	Eddy	F	I	24	17	S	30	E	2400	S	567	E	752
30-015-04316	JACKSON B	14	BURNETT OIL CO INC	2050	O	A	Eddy	F	J	24	17	S	30	E	1980	S	1980	E	1659
30-015-04319	JACKSON B	23	BURNETT OIL CO INC	7028	SWD	A	Eddy	F	J	24	17	S	30	E	1420	S	1980	E	1653
30-015-27921	JACKSON B	36	BURNETT OIL CO INC	3263	O	A	Eddy	F	J	24	17	S	30	E	2250	S	1905	E	1658
30-015-20111	JACKSON B	28	BURNETT OIL CO INC	3220	O	A	Eddy	F	O	24	17	S	30	E	660	S	1980	E	1924
30-015-04315	JACKSON B	13	BURNETT OIL CO INC	2034	O	A	Eddy	F	P	24	17	S	30	E	660	S	539	E	1037
30-015-10123	JACKSON B	25	BURNETT OIL CO INC	7090	O	A	Eddy	F	P	24	17	S	30	E	990	S	660	E	757
30-015-40388	TONY FEDERAL	43	APACHE CORP		O	New	Eddy	F	D	19	17	S	31	E	1140	N	330	W	2551
30-015-30383	TONY FEDERAL	8	APACHE CORP	5200	O	A	Eddy	F	E	19	17	S	31	E	1650	N	330	W	2064
30-015-05239	TURNER A	14	MERIT ENERGY COMPANY, LLC	3475	I	P	Eddy	F	E	19	17	S	31	E	1650	N	660	W	2194
30-015-05243	TURNER A	18	ARCO O & G CO	1966	O	P	Eddy		E	19	17	S	31	E	1980	N	660	W	1907
30-015-33085	TONY FEDERAL	25	APACHE CORP	5280	O	A	Eddy	F	F	19	17	S	31	E	1650	N	1403	W	2620
30-015-05247	TURNER A	22	DEVON ENERGY PRODUCTION COM	1940	O	P	Eddy	F	F	19	17	S	31	E	2310	N	1650	W	2377
30-015-28869	TURNER A	48	LINN OPERATING, INC.	3670	O	A	Eddy	F	F	19	17	S	31	E	2350	N	1330	W	2092
30-015-33533	JUNCTION FEDERAL	1	APACHE CORP	11420	G	A	Eddy	F	K	19	17	S	31	E	1980	S	1930	W	2297
30-015-05251	FREN OIL COMPANY	3	LINN OPERATING, INC.	3134	O	A	Eddy	F	K	19	17	S	31	E	1980	S	1980	W	2346
30-015-05256	FREN OIL COMPANY	8	LINN OPERATING, INC.	3615	I	A	Eddy	F	K	19	17	S	31	E	2310	S	2970	E	2393
30-015-05264	FREN OIL COMPANY	18	LINN OPERATING, INC.	7135	O	A	Eddy	F	K	19	17	S	31	E	1650	S	3530	E	1749
30-015-05273	STATE BK	3	ALAMO PERMIAN RESOURCES, LLC	1955	O	A	Eddy	S	L	19	17	S	31	E	2310	S	906	W	1402
30-015-10167	STATE BK	5	ALAMO PERMIAN RESOURCES, LLC	7129	O	A	Eddy	S	L	19	17	S	31	E	1650	S	330	W	678
30-015-05271	STATE BK	1	MACK ENERGY CORP	3597	O	P	Eddy	S	L	19	17	S	31	E	1980	S	539	W	935
30-015-39721	STATE BK	8	ALAMO PERMIAN RESOURCES, LLC	4100	O	A	Eddy	S	M	19	17	S	31	E	990	S	330	W	967
30-015-05272	STATE BK	2	MACK ENERGY CORP	3568	O	P	Eddy	S	M	19	17	S	31	E	660	S	539	W	1351
30-015-05274	STATE BK	4	MACK ENERGY CORP	1998	O	P	Eddy	S	M	19	17	S	31	E	990	S	906	W	1430
30-015-05269	STATE BK	6	MACK ENERGY CORP	7088	O	P	Eddy	S	M	19	17	S	31	E	990	S	744	W	1291
30-015-05250	FREN OIL COMPANY	2	LINN OPERATING, INC.	3181	O	A	Eddy	F	N	19	17	S	31	E	660	S	1980	W	2541

30-015-05255	FREN OIL COMPANY	7	LINN OPERATING, INC.	3312	I	A	Eddy	F	N	19	17	S	31	E	990	S	2970	E	2409
30-015-05266	FREN OIL CO	20	MARBOB ENERGY CORP	6900	O	P	Eddy	F	N	19	17	S	31	E	900	S	1980	W	2454
30-015-10610	FREN OIL CO COM	21	PREMIER OIL & GAS INC	12299	G	P	Eddy	S	N	19	17	S	31	E	560	S	1690	W	2325
30-015-27750	JACKSON B	35	BURNETT OIL CO INC	3280	O	A	Eddy	F	A	25	17	S	30	E	100	N	460	E	1783
30-015-05477	CEDAR LAKE	3Y	ALAMO PERMIAN RESOURCES, LLC	3423	O	A	Eddy	S	D	30	17	S	31	E	330	N	731	W	2281
30-015-05464	CEDAR LAKE	2	MACK ENERGY CORP	2054	O	P	Eddy	S	D	30	17	S	31	E	660	N	515	W	2493

AFTER WELLBORE SCHEMATIC

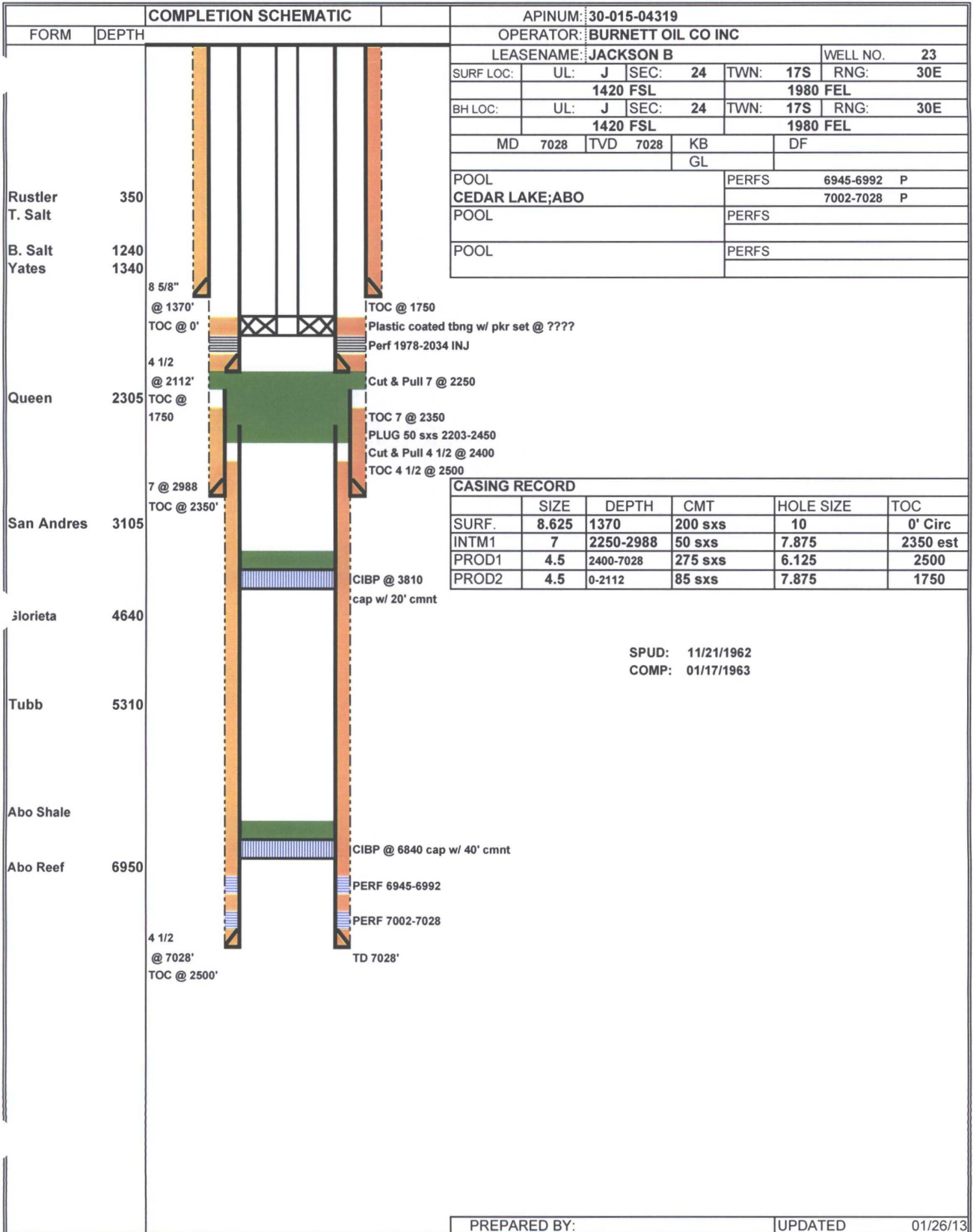


PREPARED BY:

UPDATED

01/26/13

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

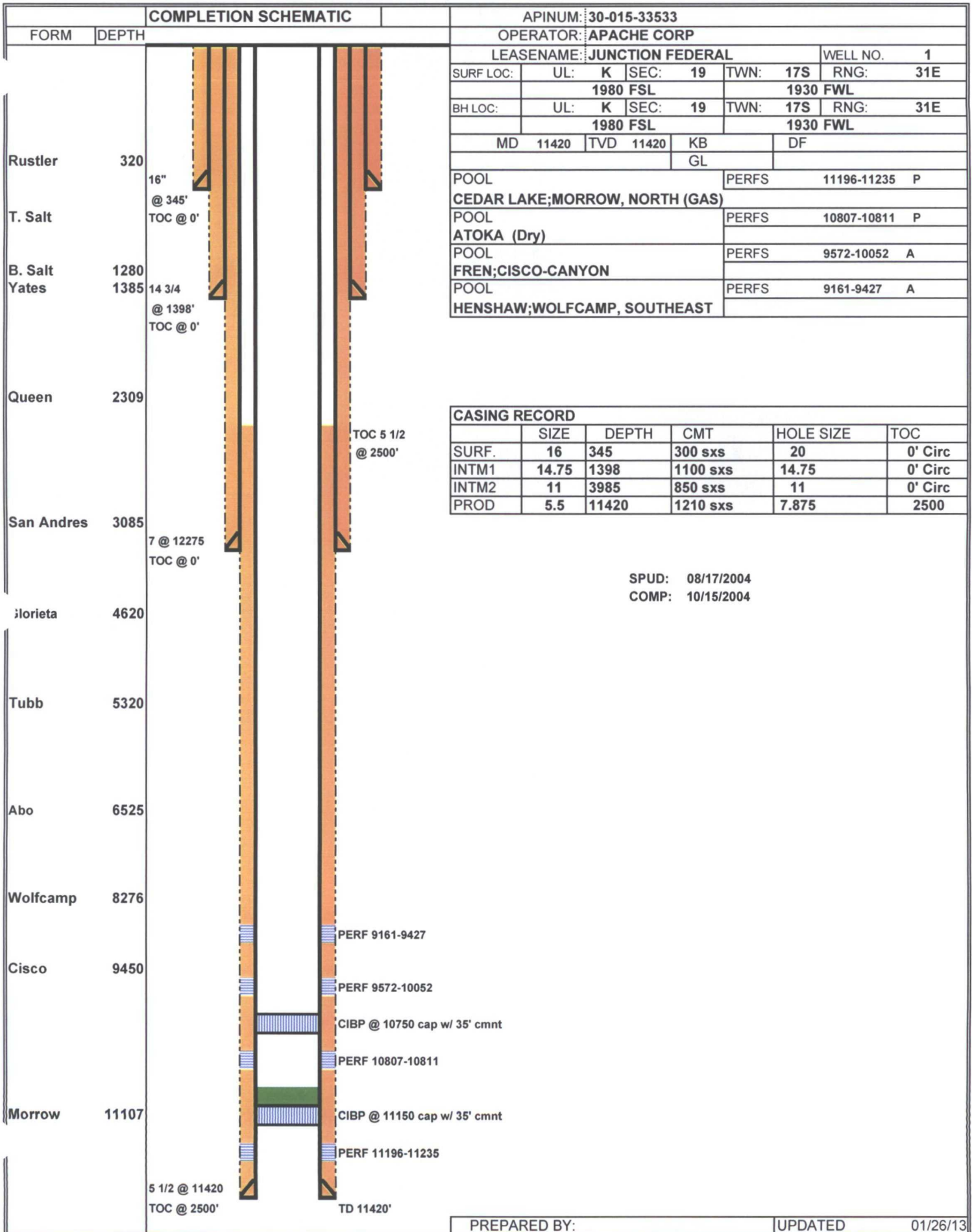
COMPLETION SCHEMATIC		APINUM: 30-015-05264																			
FORM	DEPTH	OPERATOR: LINN OPERATING CO INC																			
Rustler 345 T. Salt B. Salt 1240 Yates 1340 Queen 2304 San Andres 3104 Glorieta 4638 Tubb 5306 Abo Shale 6786 Abo Reef 6948 8 5/8" @ 1394' TOC @ 0' Perf 1400-1402 pump 550 sxs circ 5 sxs to pit Old TOC @ 1435 CBL PERF 2975-3104 CIBP @ 3257 cap w/ cmnt 3200-3257 4 1/2 @ 7135' TOC @ 1435' TD 7135'		LEASENAME: FREN OIL COMPANY WELL NO. 18																			
		SURF LOC: UL: K SEC: 19 TWN: 17S RNG: 31E 1650 FSL 3530 FEL																			
		BH LOC: UL: K SEC: 19 TWN: 17S RNG: 31E 1650 FSL 3530 FEL																			
		MD 7135 TVD 7135 KB DF GL																			
		POOL CEDAR LAKE;ABO PERFS 7011-7022 P																			
		POOL GRAYBURG JACKSON PERFS 2975-3104 A																			
		POOL PERFS																			
		CASING RECORD <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>SURF.</td> <td>8.625</td> <td>1394</td> <td>650 sxs</td> <td>11</td> <td>0' Circ</td> </tr> <tr> <td>INTM1</td> <td>4.5</td> <td>7120</td> <td>1200 sxs</td> <td>7.875</td> <td>0' Circ</td> </tr> </tbody> </table>			SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	8.625	1394	650 sxs	11	0' Circ	INTM1	4.5	7120	1200 sxs	7.875	0' Circ
			SIZE	DEPTH	CMT	HOLE SIZE	TOC														
		SURF.	8.625	1394	650 sxs	11	0' Circ														
INTM1	4.5	7120	1200 sxs	7.875	0' Circ																
SPUD: 04/17/1962 COMP: 05/09/1962																					
9/11/1978 4 1/2 PARTED @ 281. Pull csng & dress. Set csng patch @ 282 w/ new 4 1/2 csng																					
PERF 7011-7122 SQZ W/ 200 SXS																					

PREPARED BY:

UPDATED

01/26/13

WELLBORE SCHEMATIC AND HISTORY

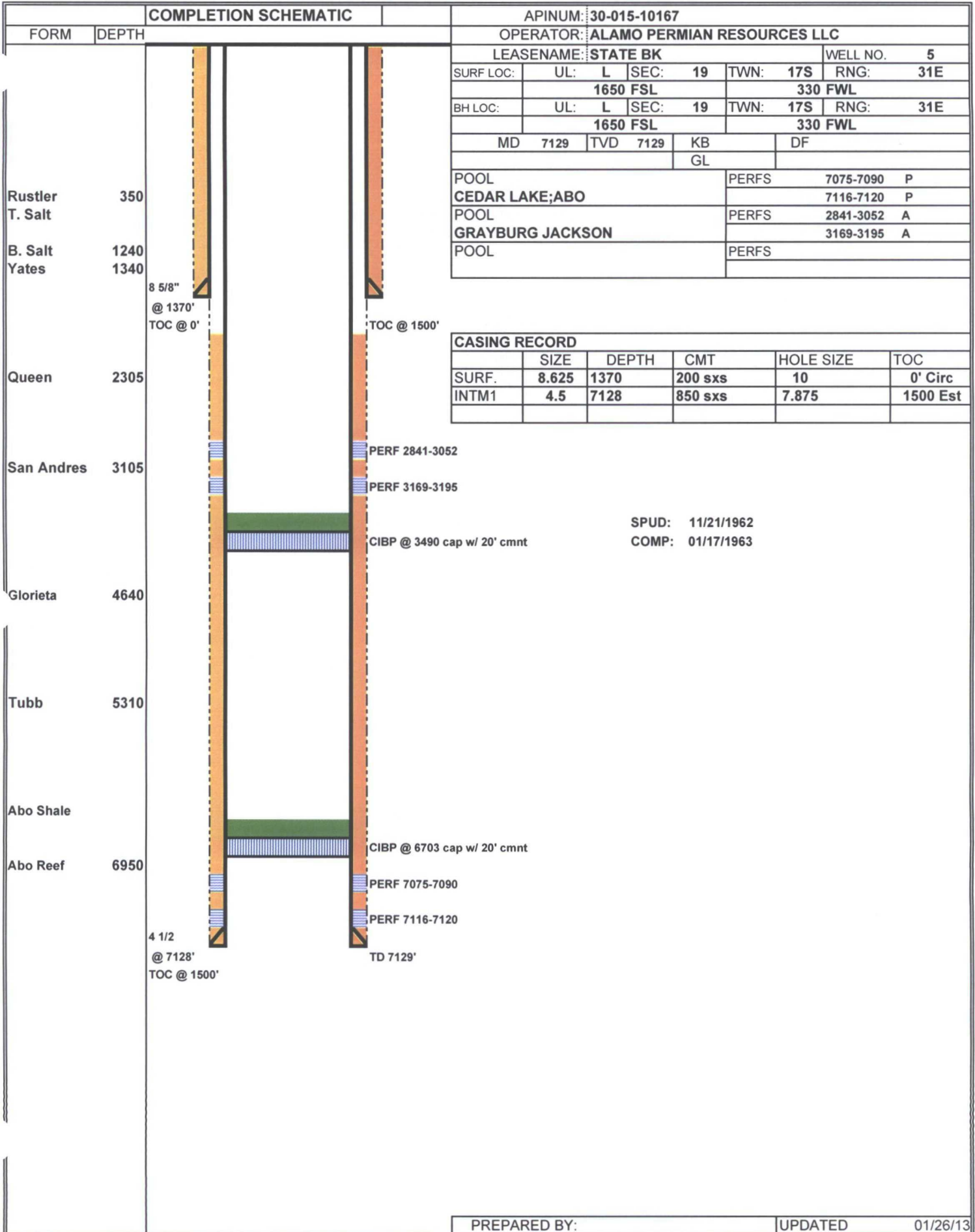


PREPARED BY:

UPDATED

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WELLBORE SCHEMATIC AND HISTORY

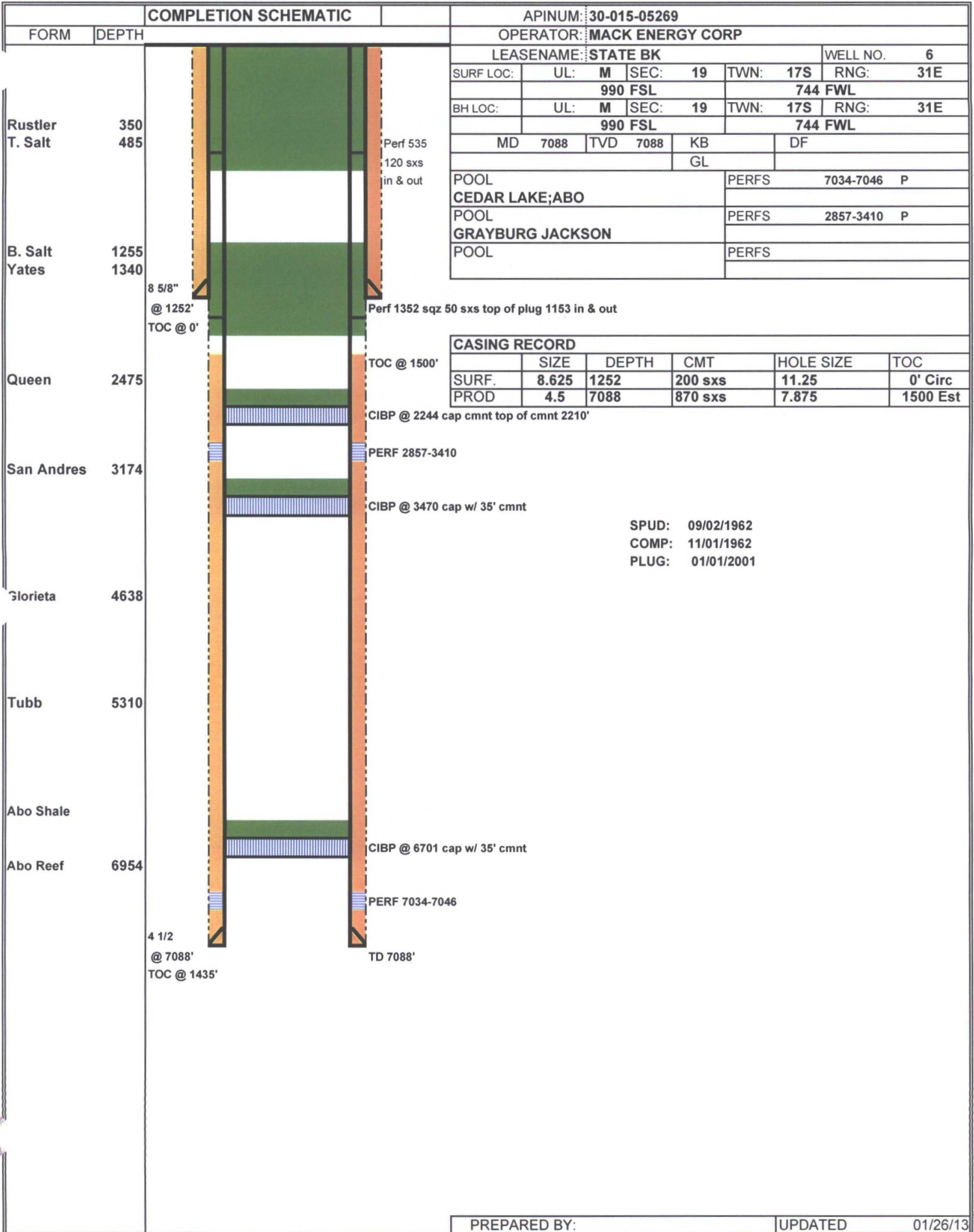


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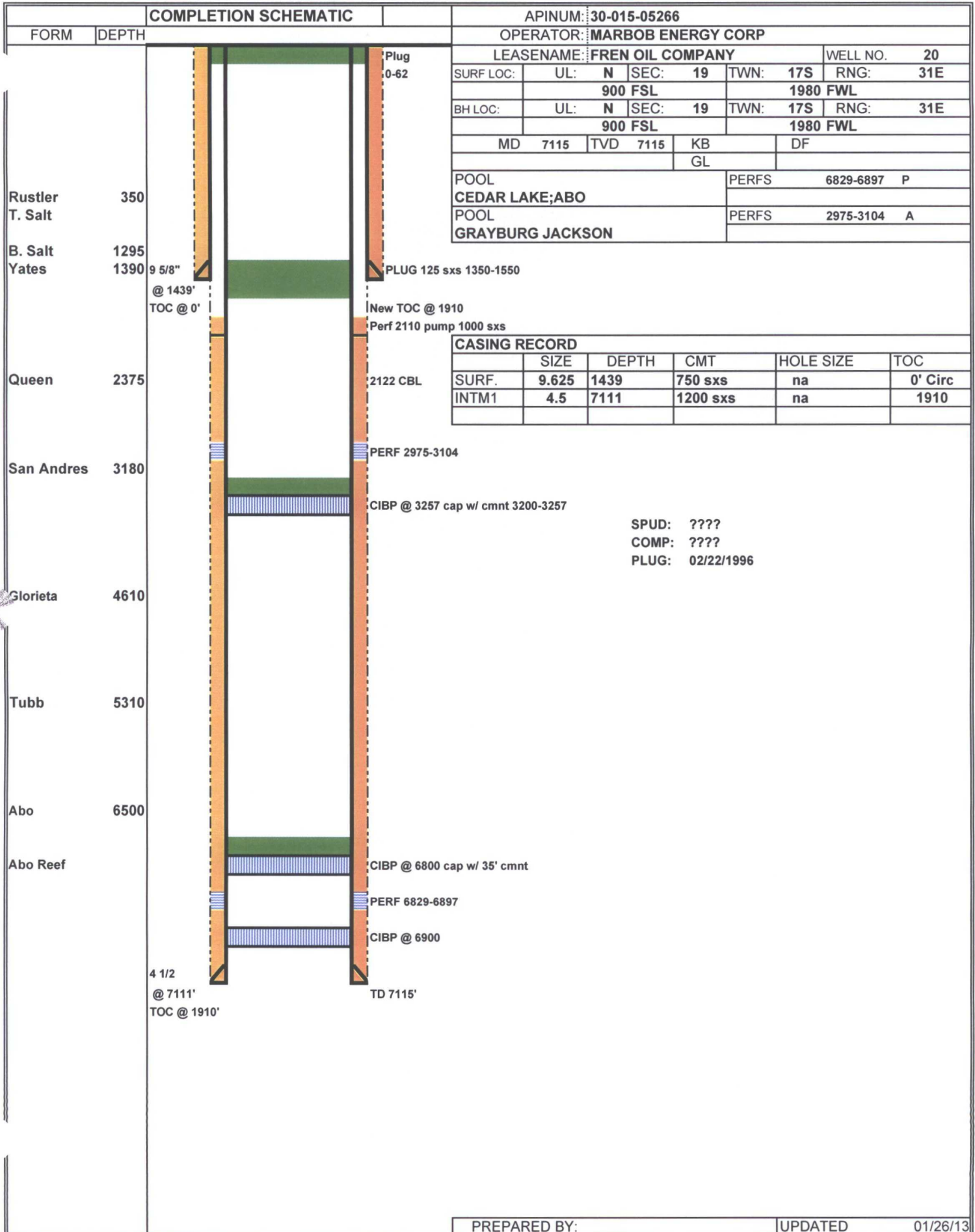
UPDATED

01/26/13

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY



PREPARED BY:

UPDATED

01/26/13

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-10610	
FORM	DEPTH	OPERATOR: PREMIER OIL & GAS INC	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		LEASENAME: FREN OIL COMPANY	
		WELL NO. 21	
		SURF LOC:	UL: N SEC: 19 TWN: 17S RNG: 31E
		560 FSL 1690 FWL	
		BH LOC:	UL: N SEC: 19 TWN: 17S RNG: 31E
		560 FSL 1690 FWL	
		MD 12299	TVD 12299 KB DF
		GL	
		POOL PERFS 11142-11218	
		CEDAR LAKE;MORROW, NORTH (GAS)	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		POOL PERFS 6944-6991 sqz	
		ABO (Dry)	
		POOL PERFS 5768-5770 sqz	
		Yeso (Dry)	
		5050-5052 sqz	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		POOL PERFS 8170-8385 sqz	
		Wolfcamp (Dry)	
		PLUG 1285-1502	
		PLUG 2300-2496	
		PLUG 3102-3306	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		Casing Record	
		SIZE	DEPTH CMT HOLE SIZE TOC
		SURF.	13.375 369 300 sxs 17.5 0' Circ
		INTM1	9.625 3210 600 sxs 12.25 0' Circ
		PROD	7 12275 575 sxs 8.5 0' Circ
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		7" DV Tool @ ??? Stage 1: 350 sxs; Stage 2: 225 sxs	
		SPUD: 03/27/1965	
		COMP: 06/13/1965	
		PLUG 4600-4813	
		PERF 5050-5052 sqz w/ 720 sxs	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		PERF 5768-5770 sqz w/ 250 sxs	
		PLUG 6800-7038	
		PERF 6944-6991 sqz w/ 100 sxs	
		PLUG 8000-8249	
		CSNG Leak repaired w/ 150 sxs	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		CIBP @ 8570 cap w/ 25' cmnt	
		PERF 8606-8934	
		CIBP @ 11980 cap w/ 35' cmnt	
		TD 12299'	
		PREPARED BY:	
13 3/8" @ 369' TOC @ 0' 9 5/8" @ 3210' TOC @ 0' 7 @ 12275' TOC @ 0'		UPDATED 01/26/13	

Water Sample Analysis

Pool	Location			Chlorides
	Section	Township	Range	
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 Blinebry	22	24S	37E	116085
Skaggs Grayburg	18	20S	38E	84845
Warren McKee	18	20S	38E	85910
Warren Abo	19	20S	39E	91600
DK Drinkard	30	20S	39E	108855
Littman San Andres	8	21S	38E	38895
East Hobbs grayburg	29	18S	39E	6461
Halfway Yates	16	20S	32E	14768
Arkansas Junction San Andres	12	18S	38E	7171
Pearl Queen	28	19S	35E	114310
Midway Abo	17	17S	37E	38494
Lovinton Abo	31	16S	37E	22933
Lovington San Andres	3	16S	37E	4899
Lovington Paddock	31	16S	37E	93720
Mesa Queen	17	16S	32E	172530
Kernitz Wolfcamp	27	16S	34E	49345
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	19525
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	114685
Teague Ellenburger	34	23S	37E	120345
Rhodes Yates 7 Rivers	27	26S	37E	144485
House SA	11	20S	38E	93365
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	30601
EK Queen	13	18S	34E	41890
East EK Queen	22	18S	34E	179630
Maljamar Grayburg SA	22	17S	32E	46079
Maljamar Paddock	27	17S	32E	115375
Maljamar Devonian	22	17S	32E	25418

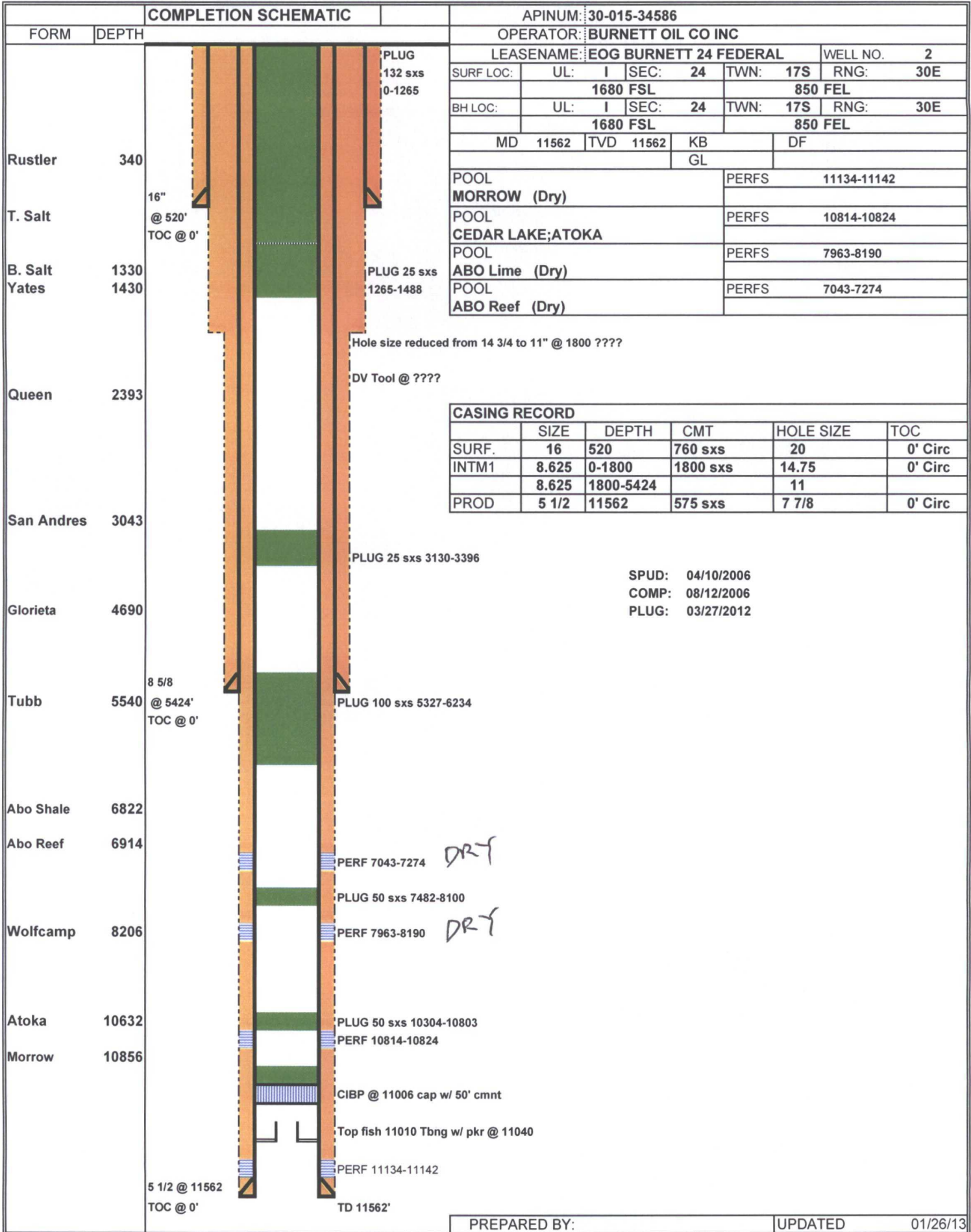
INJECTION WELL DATA SHEET

Tubing Size: 2 $\frac{7}{8}$ Lining Material: IPC
 Type of Packer: Baker loc set w/on off tool
 Packer Setting Depth: Approx 6958
 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? Production
2. Name of the Injection Formation: Abo / Abo Reef
3. Name of Field or Pool (if applicable): Cedar Lake
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. Atoka 10814 to 10824, Morrow 11134 to 11142
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Tubb at 5540
Wolfcamp at 8206

BEFORE WELLBORE SCHEMATIC AND HISTORY



DISPOSAL WELL

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W
30-015-34586	BURNETT OIL 24 FED COM	2	BURNETT OIL CO INC	11562	G	P	Eddy	F	I	24	17 S	30 E	1680 S	850 E

Wells within 1/2 mile which penetrate proposed disposal interval

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance
30-015-04319	JACKSON B	23	BURNETT OIL CO INC	7028	SWD	A	Eddy	F	J	24	17 S	30 E	1420 S	1980 E	1653 ✓
30-015-33533	JUNCTION FEDERAL	1	APACHE CORP	11420	G	A	Eddy	F	K	19	17 S	31 E	1980 S	1930 W	2297 ✓
30-015-05264	FREN OIL COMPANY	18	LINN OPERATING, INC.	7115	O	A	Eddy	F	K	19	17 S	31 E	1650 S	3530 E	1749 ✓
30-015-10167	STATE BK	5	ALAMO PERMIAN RESOURCES, LLC	7129	O	A	Eddy	S	L	19	17 S	31 E	1650 S	330 W	678 ✓
30-015-05269	STATE BK	6	MACK ENERGY CORP	7088	O	P	Eddy	S	M	19	17 S	31 E	990 S	744 W	1291 ✓
30-015-05266	FREN OIL CO	20	MARBOB ENERGY CORP	6900	O	P	Eddy	F	N	19	17 S	31 E	900 S	1980 W	2454 ✓
30-015-10610	FREN OIL CO COM	21	PREMIER OIL & GAS INC	12299	G	P	Eddy	S	N	19	17 S	31 E	560 S	1690 W	2325 ✓

30-015-34586	BURNETT OIL 24 FED COM	2	BURNETT OIL CO INC	11562	G	P	Eddy	F	I	24	17	S	30	E	1680	S	850	E
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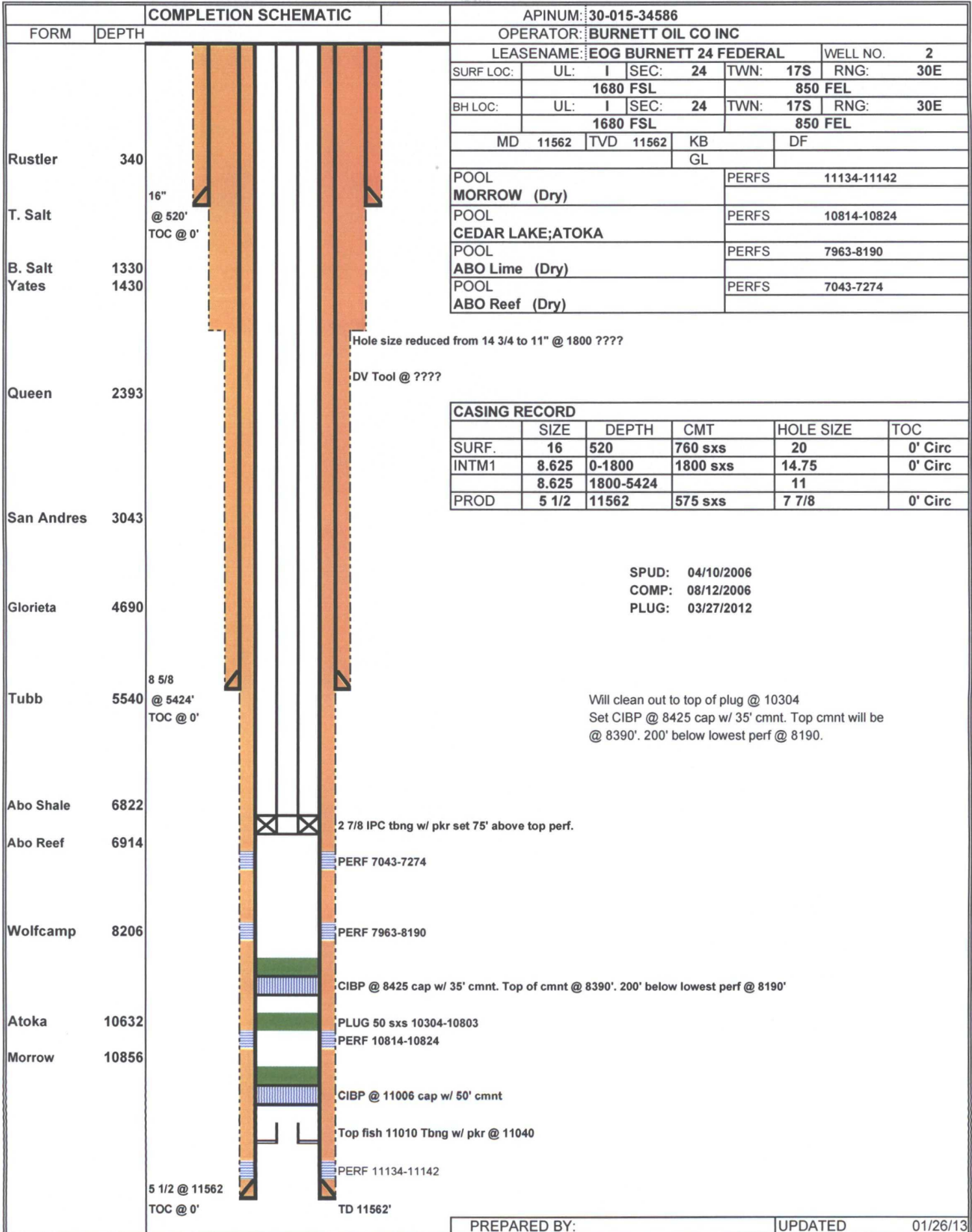
Wells within 1/2 mile of the proposed disposal well

Wells within 1/2 mile of the proposed disposal well

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance
30-015-31670	JACKSON A	20	BURNETT OIL CO INC	5200	O	A	Eddy	F	A	24	17 S	30 E	990 N	330 E	2610
30-015-04313	JACKSON B	3	BURNETT OIL CO INC	3529	O	A	Eddy	F	G	24	17 S	30 E	1650 N	1980 E	2543
30-015-04312	JACKSON B	2	BURNETT OIL CO INC	3560	O	P	Eddy	F	H	24	17 S	30 E	1650 N	660 E	1974
30-015-33133	JACKSON B	41	BURNETT OIL CO INC	4802	O	A	Eddy	F	H	24	17 S	30 E	2311 N	379 E	1289
30-015-35398	JACKSON B	45	BURNETT OIL CO INC	5528	O	A	Eddy	F	H	24	17 S	30 E	1800 N	380 E	1800
30-015-04317	JACKSON B(B-2)	16	BURNETT OIL CO INC	2000	O	A	Eddy	F	H	24	17 S	30 E	1980 N	660 E	1649
30-015-04314	JACKSON B	12	BURNETT OIL CO INC	3803	O	A	Eddy	F	I	24	17 S	30 E	1980 S	539 E	355
30-015-28641	JACKSON B	37	BURNETT OIL CO INC	3211	O	A	Eddy	F	I	24	17 S	30 E	2400 S	567 E	752
30-015-04316	JACKSON B	14	BURNETT OIL CO INC	2050	O	A	Eddy	F	J	24	17 S	30 E	1980 S	1980 E	1659
30-015-04319	JACKSON B	23	BURNETT OIL CO INC	7028	SWD	A	Eddy	F	J	24	17 S	30 E	1420 S	1980 E	1653
30-015-27921	JACKSON B	36	BURNETT OIL CO INC	3263	O	A	Eddy	F	J	24	17 S	30 E	2250 S	1905 E	1658
30-015-20111	JACKSON B	28	BURNETT OIL CO INC	3220	O	A	Eddy	F	O	24	17 S	30 E	660 S	1980 E	1924
30-015-04315	JACKSON B	13	BURNETT OIL CO INC	2034	O	A	Eddy	F	P	24	17 S	30 E	660 S	539 E	1037
30-015-10123	JACKSON B	25	BURNETT OIL CO INC	7090	O	A	Eddy	F	P	24	17 S	30 E	990 S	660 E	757
30-015-40388	TONY FEDERAL	43	APACHE CORP		O	New	Eddy	F	D	19	17 S	31 E	1140 N	330 W	2551
30-015-30383	TONY FEDERAL	8	APACHE CORP	5200	O	A	Eddy	F	E	19	17 S	31 E	1650 N	330 W	2064
30-015-05239	TURNER A	14	MERIT ENERGY COMPANY, LLC	3475	I	P	Eddy	F	E	19	17 S	31 E	1650 N	660 W	2194
30-015-05243	TURNER A	18	ARCO O & G CO	1966	O	P	Eddy		E	19	17 S	31 E	1980 N	660 W	1907
30-015-33085	TONY FEDERAL	25	APACHE CORP	5280	O	A	Eddy	F	F	19	17 S	31 E	1650 N	1403 W	2620
30-015-05247	TURNER A	22	DEVON ENERGY PRODUCTION COM	1940	O	P	Eddy	F	F	19	17 S	31 E	2310 N	1650 W	2377
30-015-28869	TURNER A	48	LINN OPERATING, INC.	3670	O	A	Eddy	F	F	19	17 S	31 E	2350 N	1330 W	2092
30-015-33533	JUNCTION FEDERAL	1	APACHE CORP	11420	G	A	Eddy	F	K	19	17 S	31 E	1980 S	1930 W	2297
30-015-05251	FREN OIL COMPANY	3	LINN OPERATING, INC.	3134	O	A	Eddy	F	K	19	17 S	31 E	1980 S	1980 W	2346
30-015-05256	FREN OIL COMPANY	8	LINN OPERATING, INC.	3615	I	A	Eddy	F	K	19	17 S	31 E	2310 S	2970 E	2393
30-015-05264	FREN OIL COMPANY	18	LINN OPERATING, INC.	7135	O	A	Eddy	F	K	19	17 S	31 E	1650 S	3530 E	1749
30-015-05273	STATE BK	3	ALAMO PERMIAN RESOURCES, LLC	1955	O	A	Eddy	S	L	19	17 S	31 E	2310 S	906 W	1402
30-015-10167	STATE BK	5	ALAMO PERMIAN RESOURCES, LLC	7129	O	A	Eddy	S	L	19	17 S	31 E	1650 S	330 W	678
30-015-05271	STATE BK	1	MACK ENERGY CORP	3597	O	P	Eddy	S	L	19	17 S	31 E	1980 S	539 W	935
30-015-39721	STATE BK	8	ALAMO PERMIAN RESOURCES, LLC	4100	O	A	Eddy	S	M	19	17 S	31 E	990 S	330 W	967
30-015-05272	STATE BK	2	MACK ENERGY CORP	3568	O	P	Eddy	S	M	19	17 S	31 E	660 S	539 W	1351
30-015-05274	STATE BK	4	MACK ENERGY CORP	1998	O	P	Eddy	S	M	19	17 S	31 E	990 S	906 W	1430
30-015-05269	STATE BK	6	MACK ENERGY CORP	7088	O	P	Eddy	S	M	19	17 S	31 E	990 S	744 W	1291
30-015-05250	FREN OIL COMPANY	2	LINN OPERATING, INC.	3181	O	A	Eddy	F	N	19	17 S	31 E	660 S	1980 W	2541

30-015-05255	FREN OIL COMPANY	7	LINN OPERATING, INC.	3312	I	A	Eddy	F	N	19	17	S	31	E	990	S	2970	E	2409
30-015-05266	FREN OIL CO	20	MARBOB ENERGY CORP	6900	O	P	Eddy	F	N	19	17	S	31	E	900	S	1980	W	2454
30-015-10610	FREN OIL CO COM	21	PREMIER OIL & GAS INC	12299	G	P	Eddy	S	N	19	17	S	31	E	560	S	1690	W	2325
30-015-27750	JACKSON B	35	BURNETT OIL CO INC	3280	O	A	Eddy	F	A	25	17	S	30	E	100	N	460	E	1783
30-015-05477	CEDAR LAKE	3Y	ALAMO PERMIAN RESOURCES, LLC	3423	O	A	Eddy	S	D	30	17	S	31	E	330	N	731	W	2281
30-015-05464	CEDAR LAKE	2	MACK ENERGY CORP	2054	O	P	Eddy	S	D	30	17	S	31	E	660	N	515	W	2493

AFTER WELLBORE SCHEMATIC

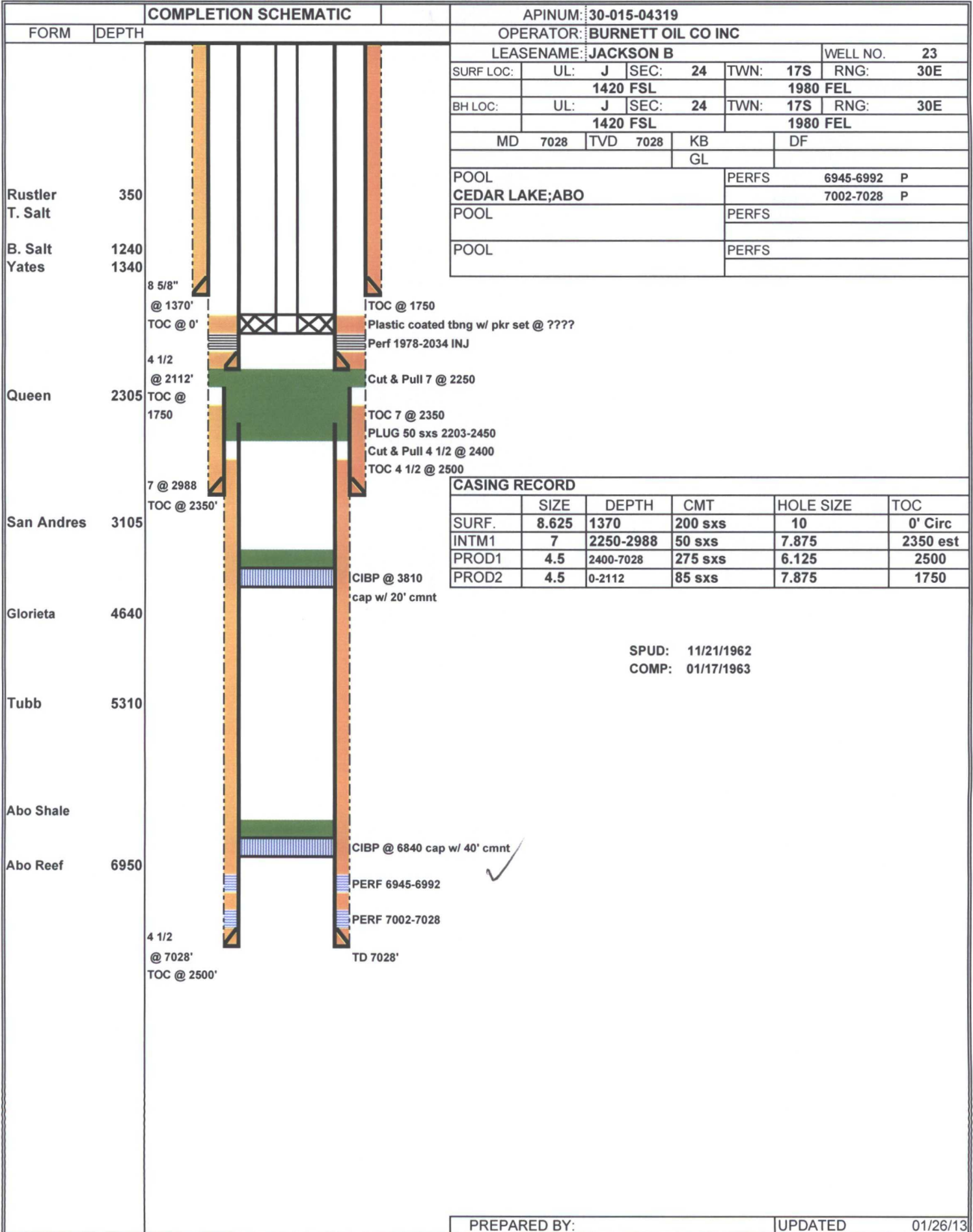


PREPARED BY:

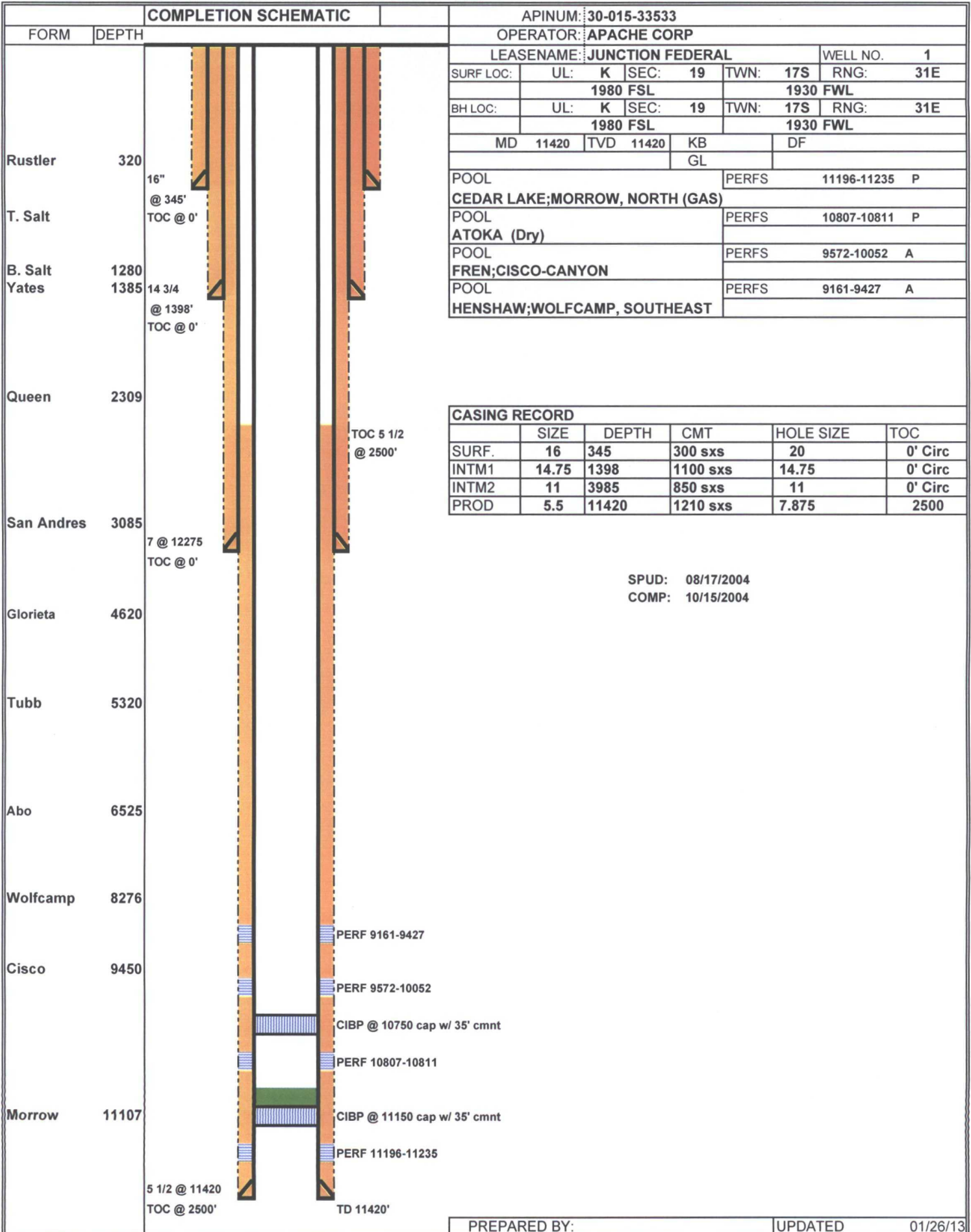
UPDATED

01/26/13

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY



PREPARED BY:

UPDATED

01/26/13

COMPLETION SCHEMATIC		APINUM: 30-015-05264	
FORM	DEPTH	OPERATOR: LINN OPERATING CO INC	
Rustler T. Salt	345	LEASENAME: FREN OIL COMPANY	
		WELL NO. 18	
		SURF LOC: UL: K SEC: 19 TWN: 17S RNG: 31E	
		1650 FSL 3530 FEL	
		BH LOC: UL: K SEC: 19 TWN: 17S RNG: 31E	
		1650 FSL 3530 FEL	
		MD 7135 TVD 7135 KB DF	
		GL	
		POOL CEDAR LAKE;ABO	
		PERFS 7011-7022 P	
B. Salt Yates	1240	POOL GRAYBURG JACKSON	
	1340	PERFS 2975-3104 A	
Queen	2304	POOL	
		PERFS	
San Andres	3104	Perf 1400-1402 pump 550 sxs circ 5 sxs to pit	
		Casing Record	
Glorieta	4638	Old TOC @ 1435 CBL	
		PERF 2975-3104	
Tubb	5306	CIBP @ 3257 cap w/ cmnt 3200-3257	
		SPUD: 04/17/1962	
Abo Shale	6786	COMP: 05/09/1962	
		9/11/1978 4 1/2 PARTED @ 281. Pull csng & dress. Set csng patch @ 282 w/ new 4 1/2 csng	
Abo Reef	6948	PERF 7011-7122 SQZ W/ 200 SXS	
		4 1/2 @ 7135' TOC @ 1435'	

COMPLETION SCHEMATIC					
FORM DEPTH					
Rustler T. Salt	350				
B. Salt Yates	1240 1340				
Queen	2305				
San Andres	3105				
Glorieta	4640				
Tubb	5310				
Abo Shale					
Abo Reef	6950				

APINUM: 30-015-10167						
OPERATOR: ALAMO PERMIAN RESOURCES LLC						
LEASENAME: STATE BK					WELL NO.: 5	
SURF LOC:	UL:	L	SEC:	19	TWN:	17S
BH LOC:			UL:	L	SEC:	19
MD			7129	TVD	7129	KB
GL			DF			
POOL CEDAR LAKE;ABO						PERFS 7075-7090 P
POOL GRAYBURG JACKSON						PERFS 2841-3052 A
POOL						PERFS 3169-3195 A
TOC @ 1500'						TD 7129'

CASING RECORD					
SURF.	SIZE	DEPTH	CMT	HOLE SIZE	TOC
INTM1	8.625	1370	200 sxs	10	0' Circ
	4.5	7128	850 sxs	7.875	1500 Est

SPUD: 11/21/1962
COMP: 01/17/1963

PREPARED BY:
UPDATED 01/26/13

COMPLETION SCHEMATIC		APINUM: 30-015-05269				
FORM	DEPTH	OPERATOR: MACK ENERGY CORP				
Rustler T. Salt	350	LEASENAME: STATE BK				
	485	WELL NO. 6				
		SURF LOC: UL: M SEC: 19 TWN: 17S RNG: 31E				
		990 FSL	744 FWL			
		BH LOC: UL: M SEC: 19 TWN: 17S RNG: 31E				
B. Salt Yates	1255	990 FSL				
	1340	744 FWL				
		MD 7088	TVD 7088 KB DF			
		GL				
		POOL CEDAR LAKE;ABO	PERFS 7034-7046 P			
Queen		POOL GRAYBURG JACKSON	PERFS 2857-3410 P			
		POOL	PERFS			
		Casing Record				
		SIZE	DEPTH	CMT	HOLE SIZE	TOC
		8.625	1252	200 sxs	11.25	0' Circ
San Andres		PROD	4.5	7088	870 sxs	1500 Est
		CIBP @ 2244 cap cmnt top of cmnt 2210'				
		PERF 2857-3410				
		CIBP @ 3470 cap w/ 35' cmnt				
		SPUD: 09/02/1962				
Glorieta		COMP: 11/01/1962				
		PLUG: 01/01/2001				
		CIBP @ 6701 cap w/ 35' cmnt				
		PERF 7034-7046				
		TD 7088'				
Tubb		4 1/2"				
		@ 7088'				
		TOC @ 1435'				
Abo Shale						
Abo Reef						

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-05266																			
FORM	DEPTH	OPERATOR: MARBOB ENERGY CORP																			
Rustler 350 T. Salt B. Salt 1295 Yates 1390 Queen 2375 San Andres 3180 Glorieta 4610 Tubb 5310 Abo 6500 Abo Reef Plug 0-62 PLUG 125 sxs 1350-1550 New TOC @ 1910 Perf 2110 pump 1000 sxs 2122 CBL PERF 2975-3104 CIBP @ 3257 cap w/ cmnt 3200-3257 CIBP @ 6800 cap w/ 35' cmnt PERF 6829-6897 CIBP @ 6900 TD 7115'		LEASENAME: FREN OIL COMPANY WELL NO. 20																			
		SURF LOC: UL: N SEC: 19 TWN: 17S RNG: 31E 900 FSL 1980 FWL																			
		BH LOC: UL: N SEC: 19 TWN: 17S RNG: 31E 900 FSL 1980 FWL																			
		MD 7115 TVD 7115 KB DF GL																			
		POOL CEDAR LAKE;ABO PERFS 6829-6897 P																			
		POOL GRAYBURG JACKSON PERFS 2975-3104 A																			
		CASING RECORD <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>SURF.</td> <td>9.625</td> <td>1439</td> <td>750 sxs</td> <td>na</td> <td>0' Circ</td> </tr> <tr> <td>INTM1</td> <td>4.5</td> <td>7111</td> <td>1200 sxs</td> <td>na</td> <td>1910</td> </tr> </tbody> </table>			SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	9.625	1439	750 sxs	na	0' Circ	INTM1	4.5	7111	1200 sxs	na	1910
			SIZE	DEPTH	CMT	HOLE SIZE	TOC														
		SURF.	9.625	1439	750 sxs	na	0' Circ														
		INTM1	4.5	7111	1200 sxs	na	1910														
SPUD: ???? COMP: ???? PLUG: 02/22/1996																					
4 1/2 @ 7111' TOC @ 1910'																					
9 5/8" @ 1439' TOC @ 0'																					

PREPARED BY:

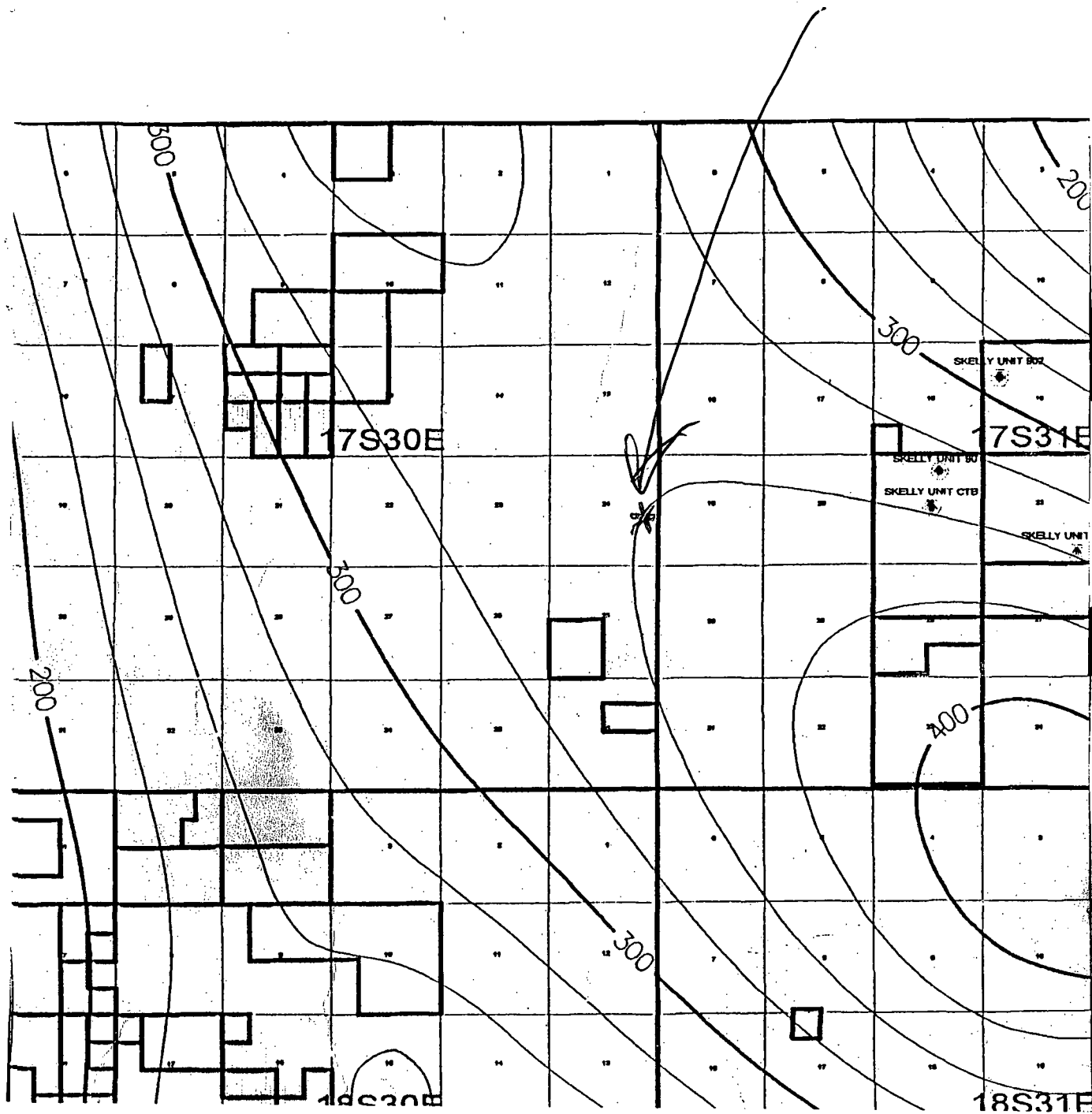
UPDATED

01/26/13

		COMPLETION SCHEMATIC		APINUM: 30-015-10610					
FORM	DEPTH			OPERATOR: PREMIER OIL & GAS INC					
				LEASENAME: FREN OIL COMPANY				WELL NO. 21	
		SURF LOC:	UL: N SEC: 19 TWN: 17S RNG: 31E	560 FSL		1690 FWL			
		BH LOC:	UL: N SEC: 19 TWN: 17S RNG: 31E	560 FSL		1690 FWL			
		MD 12299 TVD 12299 KB DF		GL					
Rustler	340	13 3/8"		POOL PERFS 11142-11218					
T. Salt		@ 369'		CEDAR LAKE; MORROW, NORTH (GAS)					
		TOC @ 0'		POOL PERFS 6944-6991 sqz					
B. Salt	1330			POOL PERFS 5768-5770 sqz					
Yates	1430			Yeso (Dry) 5050-5052 sqz					
				POOL PERFS 8170-8385 sqz					
				Wolfcamp (Dry)					
				PLUG 1285-1502					
Queen	2393			PLUG 2300-2496					
				CASING RECORD					
				SIZE	DEPTH	CMT	HOLE SIZE	TOC	
				SURF. 13.375	369	300 sxs	17.5	0' Circ	
				INTM1 9.625	3210	600 sxs	12.25	0' Circ	
				PROD 7	12275	575 sxs	8.5	0' Circ	
San Andres	3205	9 5/8"		7" DV Tool @ ???? Stage 1: 350 sxs; Stage 2: 225 sxs					
		@ 3210'		SPUD: 03/27/1965					
		TOC @ 0'		COMP: 06/13/1965					
Glorieta	4730			PLUG 4600-4813					
				PERF 5050-5052 sqz w/ 720 sxs					
Tubb	5320			PERF 5768-5770 sqz w/ 250 sxs					
Abo Shale									
Abo Reef	6914			PLUG 6800-7038					
				PERF 6944-6991 sqz w/ 100 sxs					
				PLUG 8000-8249					
				CSNG Leak repaired w/ 150 sxs					
				CIBP @ 8570 cap w/ 25' cmnt					
				PERF 8606-8934					
Woodford	11219			CIBP @ 11980 cap w/ 35' cmnt					
Devonian	12281	7 @ 12275							
		TOC @ 0'		TD 12299'					

Water Sample Analysis

Pool	Location			Chlorides
	Section	Township	Range	
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 Blinebry	22	24S	37E	116085
Skaggs Grayburg	18	20S	38E	84845
Warren McKee	18	20S	38E	85910
Warren Abo	19	20S	39E	91600
DK Drinkard	30	20S	39E	106855
Littman San Andres	8	21S	38E	38695
East Hobbs grayburg	29	18S	39E	6461
Halfway Yates	16	20S	32E	14768
Arkansas Junction San Andres	12	18S	36E	7171
Pearl Queen	28	19S	35E	114310
Midway Abo	17	17S	37E	36494
Lovinton Abo	31	16S	37E	22933
Lovington San Andres	3	16S	37E	4899
Lovington Paddock	31	16S	37E	93720
Mesa Queen	17	16S	32E	172530
Kemnitz Wolfcamp	27	16S	34E	49345
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	23786
Caudill Devonian	9	15S	36E	20874
Townsend Wolfcamp	6	16S	36E	38695
Dean Perno Perin	5	16S	37E	44730
Dean Devonian	35	15S	36E	19525
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	114685
Teague Ellenburger	34	23S	37E	120345
Rhodes Yates 7 Rivers	27	26S	37E	144485
House SA	11	20S	38E	93365
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	30601
EK Queen	13	18S	34E	41890
East EK Queen	22	18S	34E	179630
Maljamar Grayburg SA	22	17S	32E	46079
Maljamar Paddock	27	17S	32E	115375
Maljamar Devonian	22	17S	32E	25418



Groundwater Map

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	
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	

BURNETT OIL CO.

February 2013

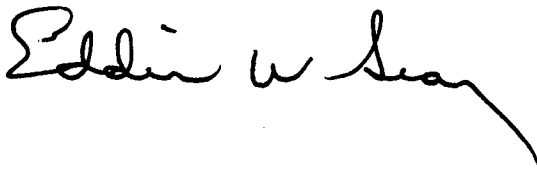
RE: EOG Burnett Fed 24-2
Unit I, Section 24, Tws. 17 S., Rng. 30 E.
API #30-015-34586

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 cursive script that reads "Eddie W. Seay". The signature is written in black ink and is positioned above the typed name and contact information.

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

LEASE OWNERS AND OFFSETS

LANDOWNER & MINERAL OWNER FOR AOR AND LEASE

BLM - U.S.
620 E. Green St.
Carlsbad, NM 88220

OFFSET OPERATORS & MINERAL LEASEES

Apache Corp.
303 Veterans Airpark Ln., Ste. 3000
Midland, TX 79705

Linn Op. Inc.
600 Travis, Ste. 5100
Houston, TX 77002

Alamo Permian Resources LLC
415 W. Wall St., Ste. 500
Midland, TX 79701

Mack Energy Corp.
Box 960
Artesia, NM 88211

Marbob Energy Corp.
Box 227
Artesia, NM 88211

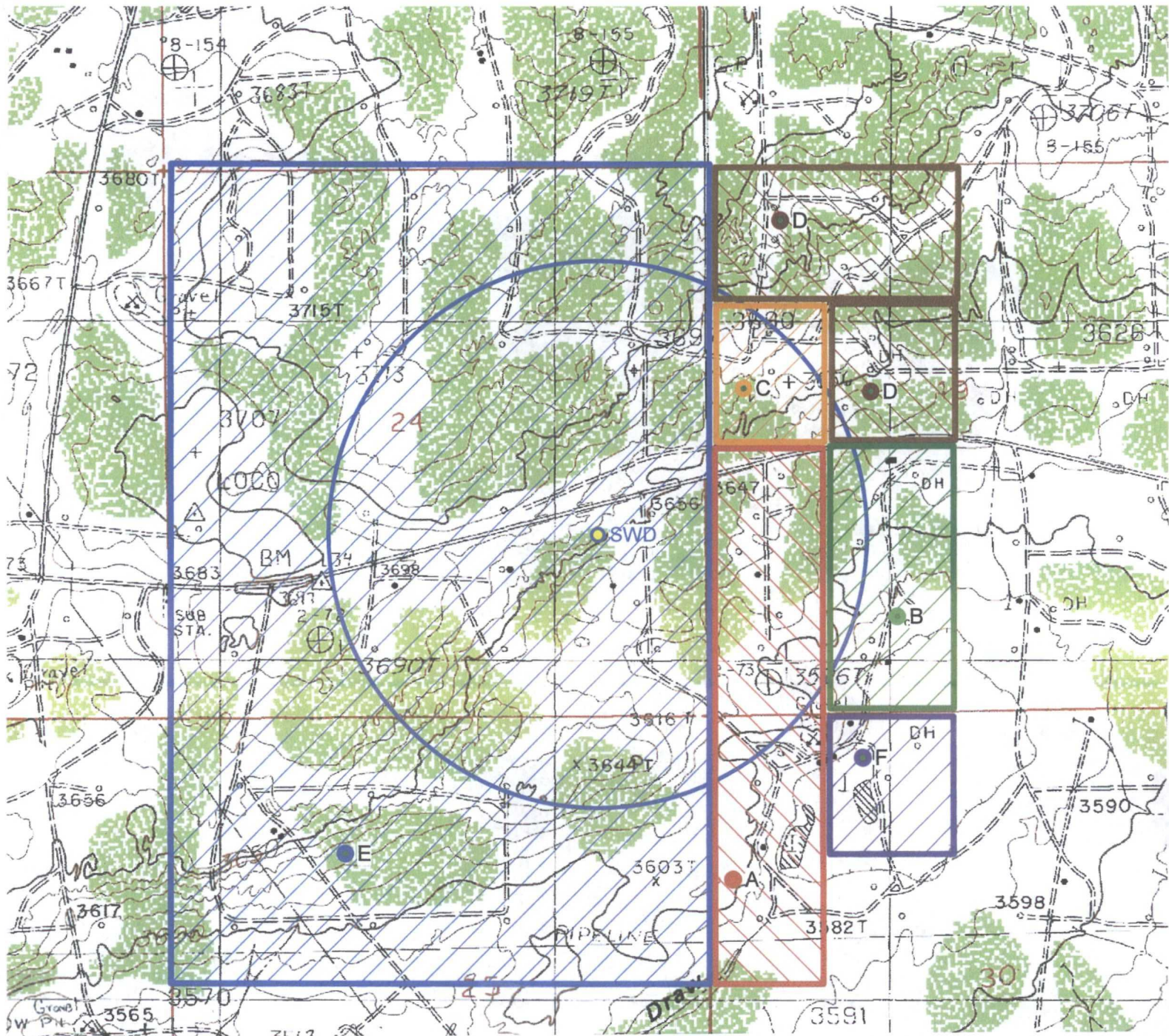
Premier Oil & Gas Inc.
Box 1246
Artesia, NM 88210

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

COG Op. Inc.
505 W. Texas Ave., Ste. 1300
Midland, TX 79701



A Allamo Permian Resources LLC
Surface - State of New Mexico
Minerals - State of New Mexico

B Linn Operating Inc
Marbob Energy Corp
Premier Oil & Gas
Minerals - U.S.

C Apache Corp
Linn Operating Inc
Minerals - U.S.

D OXY USA WTP LP
Minerals - U.S.

E Burnett Oil Co. Inc.
Minerals - U.S.

F COG Operating Inc
Minerals - U.S.

7010 1670 0001 8499 8656

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303 Veterans Airpark Ln., Ste. 3000	
Midland, TX 79705	
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Sent To	
Oxy USA, Inc.	
Box 4294	
Houston, TX 77210	
PS Form 3800, August 2006 See Reverse for Instructions	

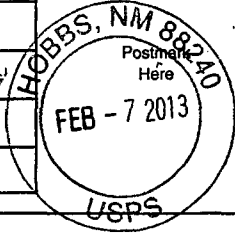
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Alamo Permian Resources, LLC	
415 W. Wall St., Ste. 500	
Midland, TX 79701	
PS Form 3800, August 2006 See Reverse for Instructions	

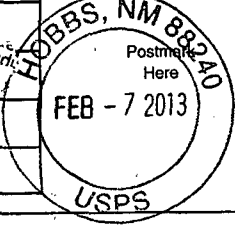
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Linn Op. Inc.	
600 Travis, Ste. 5100	
Houston, TX 77002	
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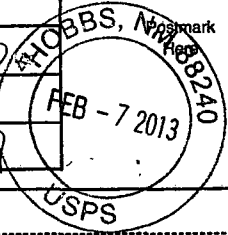
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Mack Energy Corp.	
Street, Apt. No., or PO Box 960	
City, State, ZIP+4 Artesia, NM 88211	
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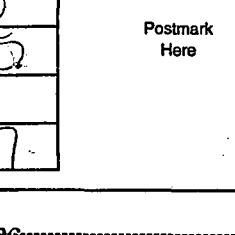
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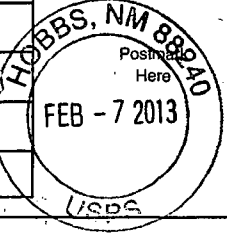
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Street, Apt. No., or PO Box 505 W. Texas Ave., Ste. 1300	
City, State, ZIP+4 Midland, TX 79701	
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Premier Oil & Gas Inc.	
Street, Apt. No., or PO Box 1246	
City, State, ZIP+4 Artesia, NM 88210	
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EOG Resources, Inc.	
Street, Apt. No., or PO Box 2267	
City, State, ZIP+4 Midland, TX 79702	
PS Form 3800, August 2006 See Reverse for Instructions	

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 the EOG Burnett Fed 24-2, API 30-015-34586, located in Unit I, Section 24, Township 17 South, Range 30 East, Eddy Co., NM. The injection formations are the Abo and Abo Reef from 6822' to 8200' below surface. Expected maximum injection rate is 5000 bpd., and the expected maximum injection pressure is 1200 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. 22450

Copy of Publication:

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

as follows:

First Publication February 6, 2013

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Subscribed and sworn to before me this

6th day of February 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

LEGAL NOTICE

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Published in the Artesia Daily Press, Artesia, N.M., Feb. 6, 2013. Legal No 22450.

Injection Permit Checklist: Received 2/20/13 First Email Date: _____ Final Reply Date: _____ Final Notice Date: 2/7/13

Issued Permit: Type: WFX/PMX/SWD Number: 1407 Permit Date 3/17/13 (Legacy Permit: ~~XXXX~~)

Wells 1 Well Name(s): ~~Burnett~~ ⁰¹¹²⁴ Red #2

API Num: 30-015-34586 Spud Date: 4/10/06 New/Old: N (UIC CI II Primacy March 7, 1982)

Footages 1680 FSL/850 FEL Lot _____ Unit I Sec 24 Tsp 17S Rge 30E County EDDY

General Location or Pool Area: Cedar Lake

Operator: Burnett ~~Oil Co., INC.~~ ⁰¹¹²⁴ Red #2 Contact Eddie Seay / Mark Jacoby

OGRID: 3080 RULE 5.9 Compliance (Wells) 3/239 (Finan Assur) OK IS-5.9 OK? OK

Well File Reviewed ✓ Current Status: PCA

Planned Work to Well: Re-frac, PWC BACK, Perf

Diagrams: Before Conversion ✓ After Conversion ✓ Are Elogs in Imaging? ✓

Well Details:	Sizes Hole.....Pipe	Setting Depths	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing <u>✓</u> Surface	<u>20 - 16</u>	<u>520</u>	<u>—</u>	<u>760 SX</u>	<u>EIRC</u>
Planned ___ or Existing <u>✓</u> Intern	<u>14 1/11 - 8 5/8</u>	<u>5424</u>	<u>?</u>	<u>1800 SX</u>	<u>CIRC</u>
Planned ___ or Existing <u>✓</u> LongSt	<u>7 7/8 - 5 1/2</u>	<u>11562 TD</u>		<u>575 SX</u>	<u>CIRC</u>
Planned ___ or Existing ___ Liner					
Planned ___ or Existing ___ OpenHole					

Depths/Formations:

	Depths, Ft.	Formation	Tops?
Above	<u>6822</u>	<u>abo</u>	<u>✓</u>
Above	<u>6914</u>	<u>abo Reef</u>	<u>✓</u>
Proposed Interval TOP:	<u>7043</u>	<u>abo Reef</u>	
Proposed Interval BOTTOM:	<u>8190</u>	<u>abo Reef</u>	
Below	<u>8206</u>	<u>WC</u>	<u>✓</u>
Below	<u>10632</u>	<u>ATOKA</u>	<u>✓</u>

SEE SWD - 30-015-04319 (1978-2004)

Max: PSI 1409 OpenHole Perfs ✓
Tubing Size 2 7/8 Packer Depth _____

Below 8206 WC ✓
Below 10632 ATOKA ✓

Capitan Reef? (in thru) Potash? Noticed? TWIPP? Noticed? Salado Top? 480' 1250' 525' 1350' 1450' 1550' 1650' 1750' 1850' 1950' 2050' 2150' 2250' 2350' 2450' 2550' 2650' 2750' 2850' 2950' 3050' 3150' 3250' 3350' 3450' 3550' 3650' 3750' 3850' 3950' 4050' 4150' 4250' 4350' 4450' 4550' 4650' 4750' 4850' 4950' 5050' 5150' 5250' 5350' 5450' 5550' 5650' 5750' 5850' 5950' 6050' 6150' 6250' 6350' 6450' 6550' 6650' 6750' 6850' 6950' 7050' 7150' 7250' 7350' 7450' 7550' 7650' 7750' 7850' 7950' 8050' 8150' 8250' 8350' 8450' 8550' 8650' 8750' 8850' 8950' 9050' 9150' 9250' 9350' 9450' 9550' 9650' 9750' 9850' 9950' 10050' 10150' 10250' 10350' 10450' 10550' 10650' 10750' 10850' 10950' 11050' 11150' 11250' 11350' 11450' 11550' 11650' 11750' 11850' 11950' 12050' 12150' 12250' 12350' 12450' 12550' 12650' 12750' 12850' 12950' 13050' 13150' 13250' 13350' 13450' 13550' 13650' 13750' 13850' 13950' 14050' 14150' 14250' 14350' 14450' 14550' 14650' 14750' 14850' 14950' 15050' 15150' 15250' 15350' 15450' 15550' 15650' 15750' 15850' 15950' 16050' 16150' 16250' 16350' 16450' 16550' 16650' 16750' 16850' 16950' 17050' 17150' 17250' 17350' 17450' 17550' 17650' 17750' 17850' 17950' 18050' 18150' 18250' 18350' 18450' 18550' 18650' 18750' 18850' 18950' 19050' 19150' 19250' 19350' 19450' 19550' 19650' 19750' 19850' 19950' 20050' 20150' 20250' 20350' 20450' 20550' 20650' 20750' 20850' 20950' 21050' 21150' 21250' 21350' 21450' 21550' 21650' 21750' 21850' 21950' 22050' 22150' 22250' 22350' 22450' 22550' 22650' 22750' 22850' 22950' 23050' 23150' 23250' 23350' 23450' 23550' 23650' 23750' 23850' 23950' 24050' 24150' 24250' 24350' 24450' 24550' 24650' 24750' 24850' 24950' 25050' 25150' 25250' 25350' 25450' 25550' 25650' 25750' 25850' 25950' 26050' 26150' 26250' 26350' 26450' 26550' 26650' 26750' 26850' 26950' 27050' 27150' 27250' 27350' 27450' 27550' 27650' 27750' 27850' 27950' 28050' 28150' 28250' 28350' 28450' 28550' 28650' 28750' 28850' 28950' 29050' 29150' 29250' 29350' 29450' 29550' 29650' 29750' 29850' 29950' 30050' 30150' 30250' 30350' 30450' 30550' 30650' 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