

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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**APPLICATION OF TARCO ENERGY,
L.C., OF A PRESSURE
MAINTENANCE PROJECT IN THE
YATES AND SEVEN RIVERS FORMATION,
EDDY COUNTY, NEW MEXICO.**

Case No. 14931

APPLICATION FOR LEASE PRESSURE MAINTENANCE

Tarco Energy, L.C., by and through its undersigned attorney, applies for an order approving lease pressure maintenance, and in support thereof, states:

1. Applicant seeks approval to institute a lease pressure maintenance project in its Russell C #3 well location 990 FSL, 2225 FEL in Unit O of Section 35, Township 17 South, Range 27 East, N.M.P.M., Eddy County, New Mexico

2. Applicant intends to inject produced water into the Yates and Seven Rivers formations through its Russell C #3 well located 990 FSL and 2225 FEL, Unit O, Section 35, Township 17 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, at a depth of 418 feet to 460 feet (perforated).

4. A form C-108 for the well is attached hereto as Exhibit A.

5. The granting of this application will prevent waste and protect correlative rights.

WHEREFORE, Applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

PADILLA LAW FIRM, P.A.

A handwritten signature in black ink, appearing to read "Ernest L. Padilla". The signature is fluid and cursive, with the first name "Ernest" being more prominent.

ERNEST L. PADILLA,
Attorney for Tarco Energy, L.C.
PO Box 2523
Santa Fe, New Mexico 87504
505-988-7577

EXHIBIT A

APPLICATION FOR AUTHORIZATION TO INJECT

Case 14931

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- I. PURPOSE: Secondary Recovery ☒ Pressure Maintenance Disposal ☐ Storage
Application qualifies for administrative approval? Yes ☐ No
- II. OPERATOR: Tarco Energy L.C.
ADDRESS: 12403 CR 2300, Lubbock, TX 79423
CONTACT PARTY: Joe Tarver PHONE: 806-787-4940
- 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.
- 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: Joe Tarver TITLE: Owner, President
SIGNATURE: Joe Tarver DATE: 10/16/2012
E-MAIL ADDRESS: joe@tarcosupply.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: _____
- DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office



ATTACHMENT TO APPLICATION C-108

Russell C #3
Unit 0, Sect. 35, Tws. 17 S., Rng. 27 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 3/8" plastic coated tubing.
 - 4) Baker Tension Packer.
- B.
 - 1) Injection formations are the Yates and 7 Rivers.
 - 2) Injection interval perforations from 418' to 460'.
 - 3) This is a new well, convert to pressure maintenance injection.
 - 4) The next higher producing zone is the Tansil at approximately 245'.
The next lower producing zone is the Queen at approximately 900'.

IV. NO.

V. MAP ATTACHED.

VI. LIST OF WELLS AND DATA ATTACHED.

- VII.
 - 1) Plan to inject approximately 1500 bpd of produced water from Tarco's own operation in offset production.
 - 2) Closed System.
 - 3) Average injection pressure should be approximately 76# or whatever limit OCD allows.
 - 4) Water from same formation, operated by Tarco.
 - 5) Not at this time.

- VIII. The proposed disposal formation is interbedded shale and limestone. The primary geologic name are the Yates and 7 Rivers found from 340' to 540'.

There was no fresh water found or noted by State Engineer for the area of review.

- IX. ACID WITH 2000 GALS OF 15% HYDROCHLORIC ACID WITH APPROPRIATE ADDITIVE.**
- X. LOGS SUBMITTED AFTER DRILLING.**
- XI. 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.**

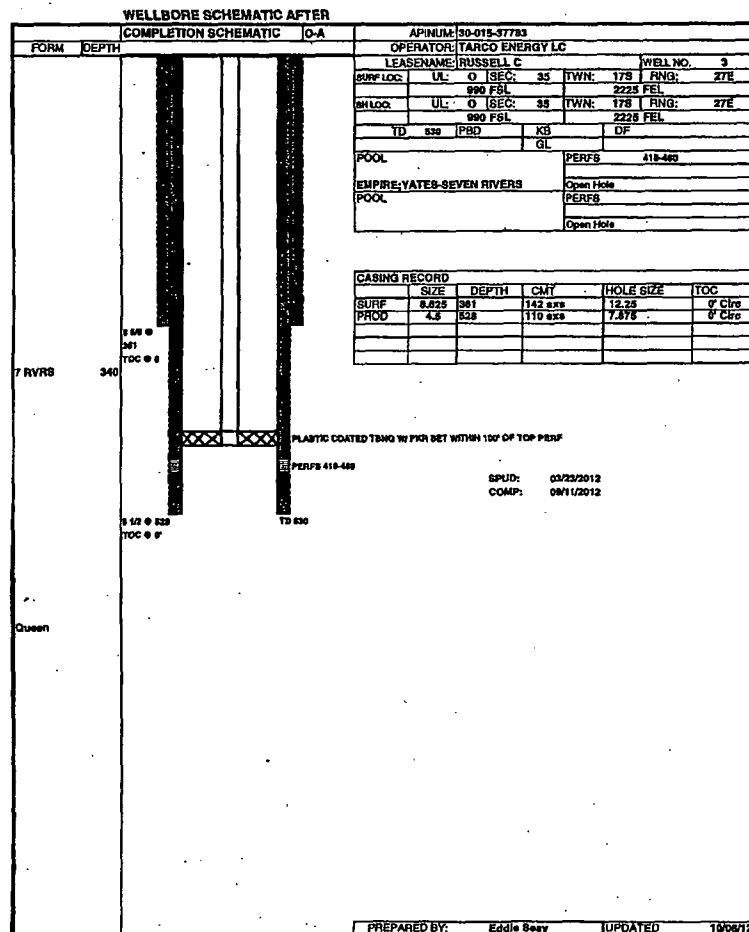
INJECTION WELL DATA SHEET

OPERATOR: Tarco Energy

WELL NAME & NUMBER: Russell C #3 Api 30.015.37783

WELL LOCATION: 99ds 2225/E 0 35 17 27 E

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 12.25 Casing Size: 8 5/8

Cemented with: 142 SX. or _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ SX. or _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

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

Cemented with: 110 SX. or _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 530

Injection Interval

418 feet to 460

(Perforated) or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 $\frac{3}{8}$ Lining Material: IPC
 Type of Packer: Baker D Tension Type
 Packer Setting Depth: approx 350
 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: Yates, 7 Rivers
3. Name of Field or Pool (if applicable): Empire Yates - 7 Rivers
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.
only perfs from 418 to 460
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Tensill at 245
Queen at 900

DISPOSAL WELL

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W
30-015-37783	RUSSELL C	3	TARCO ENERGY LC	530					O	35	17	S	27	E 990 S 2225 E

Wells within 1/2 mile of the proposed disposal well, which penetrate the proposed disposal interval.

5280 5280

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance
30-015-00615	HARBOLD FEDERAL	3	FREEDOM ENERGY LLC		O	A	Eddy	F	F	35	17	S	27	E 2310 N 2310 W	2115
30-015-00616	SOUTH RED LAKE GRAY	16	MCQUADRANGLE, LC		O	P	Eddy	F	F	35	17	S	27	E 2310 N 2316 W	2113
30-015-33227	HARBOLD FEDERAL	17	FREEDOM ENERGY LLC		O	A	Eddy	F	F	35	17	S	27	E 2260 N 1590 W	2503
30-015-32837	EAGLE 35 F FEDERAL	12	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	F	35	17	S	27	E 2310 N 1750 W	2371
30-015-25139	HARBOLD FEDERAL	14	FREEDOM ENERGY LLC		O	A	Eddy	F	F	35	17	S	27	E 1848 N 2282 W	2561
30-015-34511	MIDNIGHT MATADOR FE	2	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	F	35	17	S	27	E 1950 N 2375 W	2436
30-015-35619	MIDNIGHT MATADOR A	2	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	G	35	17	S	27	E 2310 N 1700 E	2048
30-015-34385	MIDNIGHT MATADOR A	1	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	G	35	17	S	27	E 1896 N 2000 E	2404
30-015-33764	OPL EAGLE 35 FEDERAL	2	OCCIDENTAL PERMIAN LTD		O	A	Eddy	F	G	35	17	S	27	E 1800 N 1650 E	2555
30-015-33765	OPL EAGLE 35 FEDERAL	1	OCCIDENTAL PERMIAN LTD		O	A	Eddy	F	G	35	17	S	27	E 2210 N 2310 E	2081
30-015-00619	SOUTH RED LAKE II UNIT	15	FAIRWAY RESOURCES OPERATING, LLC		O	P	Eddy	F	G	35	17	S	27	E 2305 S 1664 E	1429
30-015-01225	BARRIENTOS	2	GEORGE H WILLIAMS		O	P	Eddy		G	35	17	S	27	E 2310 N 2310 E	1981
30-015-01228	FEDERAL 35	4	RANDOLF J JOHNSTON		O	P	Eddy	F	H	35	17	S	27	E 2310 N 990 E	2333
30-015-33010	EAGLE 35 H FEDERAL	14	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	H	35	17	S	27	E 2560 N 760 E	2266
30-015-32861	MIDNIGHT MATADOR	1	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	H	35	17	S	27	E 2300 N 990 E	2342
30-015-36081	LOGAN 35 FEDERAL	1	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	I	35	17	S	27	E 1520 S 1280 E	1083
30-015-37742	MAGRUDER	17	TARCO ENERGY, LC		O	A	Eddy	F	I	35	17	S	27	E 1653 S 990 E	1401
30-015-37744	MAGRUDER	19	TARCO ENERGY, LC		O	A	Eddy	F	I	35	17	S	27	E 1610 S 1645 E	848
30-015-30436	LOGAN 35 FEDERAL	2	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	I	35	17	S	27	E 2100 S 840 E	1774
30-015-00622	SOUTH RED LAKE II UNIT	24	FAIRWAY RESOURCES OPERATING, LLC		O	P	Eddy	F	I	35	17	S	27	E 1650 S 330 E	2006
30-015-00623	SOUTH RED LAKE II UNIT	19	LEGACY RESERVES OPERATING, LP		I	A	Eddy	F	I	35	17	S	27	E 2310 S 990 E	1807
30-015-00624	PRE-ONGARD WELL	2	PRE-ONGARD WELL OPERATOR		O	P	Eddy		I	35	17	S	27	E 1650 S 990 E	1400
30-015-00625	MAGRUDER A	1	JOE L TARVER		O	P	Eddy	F	J	35	17	S	27	E 1630 S 1645 E	863
30-015-00626	PRE-ONGARD WELL	6	PRE-ONGARD WELL OPERATOR		O	P	Eddy		J	35	17	S	27	E 1650 S 2310 E	665
30-015-00627	SOUTH RED LAKE GRAY	18	MCQUADRANGLE, LC		I	P	Eddy	F	J	35	17	S	27	E 2304 S 2310 E	1316
30-015-30437	LOGAN 35 FEDERAL	4	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	J	35	17	S	27	E 1650 S 2050 E	682
30-015-30408	LOGAN 35 FEDERAL	3	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	J	35	17	S	27	E 2210 S 1650 E	1348
30-015-27224	CHALK BLUFF 35 FED	1	MEWBOURNE OIL CO		G	A	Eddy	F	J	35	17	S	27	E 1980 S 1980 E	1019
30-015-37746	MAGRUDER	21	TARCO ENERGY, LC		O	A	Eddy	F	J	35	17	S	27	E 1624 S 2306 E	639
30-015-30438	LOGAN 35 FEDERAL	6	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	K	35	17	S	27	E 1750 S 1680 W	1571
30-015-30475	LOGAN 35 FEDERAL	5	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	K	35	17	S	27	E 2210 S 1950 W	1646

30-015-00628	MAGRUDER C	15	CITIES SERVICE OIL CO		O	P	Eddy	F	K	35	17	S	27	E	1650	S	2310	W	903
30-015-00630	SOUTH RED LAKE II UNIT	17	FAIRWAY RESOURCES OPERATING, LLC		I	P	Eddy	F	K	35	17	S	27	E	2263	S	1650	W	1895
30-015-00631	MAGRUDER A	3	JOE L TARVER		O	P	Eddy	F	K	35	17	S	27	E	2300	S	2313	W	1505
30-015-00632	SOUTH RED LAKE II UNIT	25	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	K	35	17	S	27	E	1703	S	2310	W	1031
30-015-01223	PRE-ONGARD WELL	2	PRE-ONGARD WELL OPERATOR		O	P	Eddy		L	35	17	S	27	E	2310	S	990	W	2450
30-015-29633	EAGLE 35 L FEDERAL	2	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	L	35	17	S	27	E	1820	S	960	W	2253
30-015-31761	EAGLE 35 FEDERAL	3	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	L	35	17	S	27	E	2310	S	990	W	2450
30-015-30735	LOGAN 35 FEDERAL	13	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	M	35	17	S	27	E	990	S	990	W	2065
30-015-30736	LOGAN 35 FEDERAL	14	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	M	35	17	S	27	E	330	S	500	W	2638
30-015-00633	RIVERWOLF UNIT	14	BP AMERICA PRODUCTION COMPANY		O	P	Eddy	F	M	35	17	S	27	E	330	S	990	W	2167
30-015-00637	RUSSELL C	4	TARCO ENERGY, LC		O	A	Eddy	F	N	35	17	S	27	E	330	S	1900	W	1330
30-015-00638	RUSSELL C	6	TARCO ENERGY, LC		O	P	Eddy	F	N	35	17	S	27	E	1009	S	2297	W	758
30-015-00644	SOUTH RED LAKE II UNIT	31	FAIRWAY RESOURCES OPERATING, LLC		O	P	Eddy	F	N	35	17	S	27	E	300	S	2310	W	1015
30-015-00645	SOUTH RED LAKE II UNIT	32	LEGACY RESERVES OPERATING, LP		O	A	Eddy	F	N	35	17	S	27	E	330	S	1650	W	1552
30-015-20105	SOUTH RED LAKE GB UN	42	S & J OPERATING LLC		O	P	Eddy		N	35	17	S	27	E	990	S	1650	W	1405
30-015-21358	RIVERWOLF UNIT	11	BP AMERICA PRODUCTION COMPANY		I	P	Eddy	F	N	35	17	S	27	E	990	S	1880	W	1175
30-015-30439	LOGAN 35 B FEDERAL	7	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	N	35	17	S	27	E	1090	S	2120	W	940
30-015-30440	LOGAN 35 B FEDERAL	8	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	N	35	17	S	27	E	650	S	1800	W	1300
30-015-36073	RUSSELL C	6X	TARCO ENERGY, LC		O	A	Eddy	F	N	35	17	S	27	E	999	S	2297	W	758
30-015-36213	RUSSELL C	5Y	TARCO ENERGY, LC		O	A	Eddy	F	O	35	17	S	27	E	1052	S	1643	E	585
30-015-37762	RUSSELL C	7Y	TARCO ENERGY, LC		O	A	Eddy	F	O	35	17	S	27	E	445	S	1622	E	812
30-015-30409	LOGAN 35 B FEDERAL	9	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	O	35	17	S	27	E	990	S	2100	E	125
30-015-00639	RUSSELL C	9	TARCO ENERGY, LC		O	A	Eddy	F	O	35	17	S	27	E	410	S	2235	E	580
30-015-00640	PRE-ONGARD WELL	8	PRE-ONGARD WELL OPERATOR		O	P	Eddy		O	35	17	S	27	E	450	S	1650	E	788
30-015-00641	RUSSELL C	7	TARCO ENERGY, LC		O	P	Eddy	F	O	35	17	S	27	E	395	S	1622	E	847
30-015-00642	RUSSELL C	5	JOE L TARVER		O	P	Eddy	F	O	35	17	S	27	E	1002	S	1633	E	592
30-015-00643	SOUTH RED LAKE II UNIT	26	FAIRWAY RESOURCES OPERATING, LLC		O	P	Eddy	F	O	35	17	S	27	E	990	S	2310	E	85
30-015-01222	SOUTH RED LAKE II UNIT	30	FAIRWAY RESOURCES OPERATING, LLC		O	P	Eddy	F	O	35	17	S	27	E	330	S	2310	E	665
30-015-00634	SOUTH RED LAKE II UNIT	29	LEGACY RESERVES OPERATING, LP		I	A	Eddy	F	P	35	17	S	27	E	330	S	330	E	2006
30-015-00635	MAGRUDER A	4	JOE L TARVER		O	P	Eddy	F	P	35	17	S	27	E	332	S	990	E	1399
30-015-00636	MAGRUDER	5	PATON BROTHERS		O	P	Eddy		P	35	17	S	27	E	990	S	970	E	1255
30-015-00629	MAGRUDER	11	TARCO ENERGY, LC		O	A	Eddy	F	P	35	17	S	27	E	330	S	482	E	1863
30-015-20104	SOUTH RED LAKE II UNIT	41	FAIRWAY RESOURCES OPERATING, LLC		I	P	Eddy	S	P	35	17	S	27	E	990	S	990	E	1235
30-015-30749	LOGAN 35 FEDERAL	11	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	P	35	17	S	27	E	1310	S	400	E	1852
30-015-30750	LOGAN 35 FEDERAL	12	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	F	P	35	17	S	27	E	580	S	1030	E	1263
30-015-00681	SOUTH RED LAKE II UNIT	27	LEGACY RESERVES OPERATING, LP		O	TA	Eddy	O	M	36	17	S	27	E	990	S	330	W	2555
30-015-00662	STATE	2	B L & W B ACREY		O	P	Eddy	O	M	36	17	S	27	E	330	S	330	W	2638

30-015-00721	SOUTH RED LAKE II UNIT	36	LEGACY RESERVES OPERATING, LP		O	A	Eddy	S	A	2	18	S	27	E	330	N	990	E	1307
30-015-00718	STATE	2	BRAINAR & GUY		O	P	Eddy	S	A	2	18	S	27	E	330	N	610	E	2085
30-015-00720	RIVERWOLF UNIT	4	BP AMERICA PRODUCTION COMPANY		O	P	Eddy	S	B	2	18	S	27	E	990	N	1650	E	2061
30-015-00737	SOUTH RED LAKE II UNIT	38	LEGACY RESERVES OPERATING, LP		O	A	Eddy	S	B	2	18	S	27	E	905	N	1610	E	1992
30-015-00738	STATE BZ	2	CITIES SERVICE OIL CO		O	P	Eddy	S	B	2	18	S	27	E	990	N	2310	E	1981
30-015-01211	SOUTH RED LAKE II UNIT	35	LEGACY RESERVES OPERATING, LP		I	A	Eddy	S	B	2	18	S	27	E	330	N	2310	E	1322
30-015-33111	LOGAN 2C STATE	3	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	S	C	2	18	S	27	E	530	N	2310	W	1692
30-015-30406	LOGAN 2 STATE	2	LIME ROCK RESOURCES II-A, L.P.		O	A	Eddy	S	C	2	18	S	27	E	990	N	1750	W	2371
30-015-01213	SOUTH RED LAKE GB UN	33	S & J OPERATING LLC		O	P	Eddy	S	C	2	18	S	27	E	280	N	1650	W	1893
30-015-00736	STATE BZ	4	CITIES SERVICE OIL CO		O	P	Eddy	S	C	2	18	S	27	E	990	N	2310	W	2115
30-015-00719	RIVERWOLF UNIT	5	BP AMERICA PRODUCTION COMPANY		O	P	Eddy	S	C	2	18	S	27	E	990	N	1980	W	2253
30-015-00725	SOUTH RED LAKE II UNIT	34	LEGACY RESERVES OPERATING, LP		O	A	Eddy	S	C	2	18	S	27	E	330	N	2310	W	1515
30-015-10623	HONDO C STATE	1	ATLANTIC REFINING CO		O	P	Eddy	S	D	2	18	S	27	E	330	N	990	W	2450
30-015-32179	MJ STATE	2	APACHE CORP		G	A	Eddy	S	D	2	18	S	27	E	330	N	915	W	2514
30-015-39009	EMPIRE ABO UNIT	415	APACHE CORP		O	A	Eddy	S	G	2	18	S	27	E	1650	N	2430	E	2647
30-015-00740	SOUTH RED LAKE GRAY	40	MCQUADRANGLE, LC		I	P	Eddy	S	G	2	18	S	27	E	1650	N	2197	E	2640
30-015-22777	EMPIRE ABO UNIT	134	APACHE CORP		O	A	Eddy	S	M	2	18	S	27	E	10	SL	640	W	2613

		COMPLETION SCHEMATIC		O-A	APINUM: 30-015-37783						
FORM	DEPTH				OPERATOR: TARCO ENERGY LC						
					LEASENAME: RUSSELL C				WELL NO. 3		
		SURF LOC:	UL: O	SEC: 35	TWN: 17S	RNG: 27E					
		990 FSL				2225 FEL					
		BH LOC:	UL: O	SEC: 35	TWN: 17S	RNG: 27E					
		990 FSL				2225 FEL					
		TD	530	PBD	KB	DF					
						GL					
		POOL					PERFS 418-460				
		EMPIRE;YATES-SEVEN RIVERS					Open Hole				
		POOL					PERFS				
							Open Hole				

The completion schematic shows two vertical wells. The left well has a casing size of 8 5/8 inches from 0' to 361 feet depth. The right well has a total depth (TD) of 530 feet. Both wells are completed with perforations between 418 and 460 feet.

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	361	142 sxs	12.25	0' Circ
PROD	4.5	528	110 sxs	7.875	0' Circ

SPUD: 03/23/2012

COMP: 09/11/2012

PREPARED BY: Eddie Seay UPDATED: 10/08/12

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AFTER

COMPLETION SCHEMATIC		O-A		APINUM: 30-015-37783																																													
FORM	DEPTH			OPERATOR: TARCO ENERGY LC																																													
		LEASENAME: RUSSELL C				WELL NO. 3																																											
		SURF LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																																											
		990 FSL				2225 FEL																																											
		BH LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																																											
		990 FSL				2225 FEL																																											
		TD	530	PBD	KB	DF																																											
						GL																																											
		POOL				PERFS	418-460																																										
		EMPIRE; YATES-SEVEN RIVERS				Open Hole																																											
		POOL				PERFS																																											
						Open Hole																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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>361</td> <td>142 sxs</td> <td>12.25</td> <td>0' Circ</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>528</td> <td>110 sxs</td> <td>7.875</td> <td>0' Circ</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>								CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	8.625	361	142 sxs	12.25	0' Circ	PROD	4.5	528	110 sxs	7.875	0' Circ																		
CASING RECORD																																																	
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																												
SURF	8.625	361	142 sxs	12.25	0' Circ																																												
PROD	4.5	528	110 sxs	7.875	0' Circ																																												
7 RVRS	340																																																
				SPUD: 03/23/2012 COMP: 09/11/2012																																													
Queen																																																	

[illegible]

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00616																																													
FORM	DEPTH		OPERATOR: MCQUADRANGLE, LC																																													
7 RVRs	330		LEASENAME: SOUTH RED LAKE GB UNIT		WELL NO. 16																																											
			SURF LOC:	UL: F	SEC: 35	TWN: 17S	RNG: 27E																																									
			2310 FNL		2316 FWL																																											
			BH LOC:	UL: F	SEC: 35	TWN: 17S	RNG: 27E																																									
			2310 FNL		2316 FWL																																											
			TD	1618	PBD	KB	DF																																									
					GL																																											
			POOL			PERFS																																										
			RED LAKE;QUEEN-GRAYBURG-SA			Open Hole 1296-1618																																										
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
PROD	7	1296	50 sxs	8	905' Cal																																											
Queen	845		TOC @ 905 PLUG 17 sxs 840-940																																													
			PLUG 17 sxs 1000-1136																																													
Grayburg	1290		7 @ 1296' TOC @ 905'																																													
San Andres	1420		TD 1618																																													

SPUD: 08/01/1947
 COMP: 08/31/1947
 P&A: 08/13/2002

PREPARED BY: Eddie Seay	UPDATED: 10/08/12
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PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-25139							
FORM	DEPTH						OPERATOR: FREEDOM ENERGY LLC			
		LEASENAME: HARBOLD FEDERAL				WELL NO. 14				
		SURF LOC:		UL: F SEC: 35		TWN: 17S RNG: 27E				
				1848 FNL		2282 FWL				
		BH LOC:		UL: F SEC: 35		TWN: 17S RNG: 27E				
				1848 FNL		2282 FWL				
		TD 398		PBD		KB				
						DF				
						GL				
		POOL				PERFS				
		EMPIRE; YATES-SEVEN RIVERS				Open Hole 387-398				
POOL				PERFS						
				Open Hole						

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	7	387	150 sxs	8	0' Circ

7 RVRs

330 TOC @ 0'

Queen

845

TD 398

SPUD: 01/08/1985

COMP: 02/08/1985

P&A:

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-32837	
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP	
			LEASENAME: EAGLE 35 F FEDERAL	
			WELL NO. 12	
			SURF LOC:	UL: F SEC: 35 TWN: 17S RNG: 27E
				2310 FNL 1750 FWL
			BH LOC:	UL: F SEC: 35 TWN: 17S RNG: 27E
				2310 FNL 1750 FWL
			TD 3505	PBD KB DF
				GL
			POOL RED LAKE; GLORIETA-YESO, NE	
			PERFS 2966-3265	
			Open Hole	
			POOL	
			PERFS	
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	314	250 sxs	12.25	0'
PROD	5.5	3505	810 sxs	7.875	0' Circ

SPUD: 08/05/2003
 COMP: 09/29/2003

7 RVRS	330								
Queen	845								
Grayburg	1278								
San Andres	1596								
Glorieta	2963								
Yeso	3030								

8 5/8" @ 314 TOC 0

5 1/2 @ 3505 TOC @ 0'

PERFS 2966-3265

TD 3505

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-33227																									
FORM	DEPTH		OPERATOR: FREEDOM ENERGY LLC																									
8 5/8 @ 60' TOC @ 0 7 RVRS 330 Queen 845 5 1/2 @ 420 TOC @ 12' TOC @ 12' PERF 300' SQZ 50 sxs PERFS 383-403 TD 420		LEASENAME: HARBOLD FEDERAL		WELL NO. 14																								
		SURF LOC:	UL: F SEC: 35 TWN: 17S RNG: 27E																									
		2260 FNL		1590 FWL																								
		BH LOC:	UL: F SEC: 35 TWN: 17S RNG: 27E																									
		2260 FNL		1590 FWL																								
		TD 420	PBD	KB	DF																							
				GL																								
		POOL EMPIRE; YATES-SEVEN RIVERS		PERFS 383-403																								
				Open Hole																								
		POOL		PERFS																								
		Open Hole																										
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CASING RECORD																												
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																							
SURF	8.625	60	15 sxs	12	0																							
PROD	5.5	420	70 sxs	7.875	12																							
SPUD: 03/20/2004 COMP: 04/20/2004																												
PREPARED BY: Eddie Seay UPDATED 10/08/12																												

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-34511			
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING LP			
			LEASENAME: MIDNIGHT MATADOR FED			WELL NO. 2
			SURF LOC:	UL: F	SEC: 35	TWN: 17S
						RNG: 27E
			1950 FNL			2375 FWL
			BH LOC:	UL: F	SEC: 35	TWN: 17S
						RNG: 27E
			1950 FNL			2375 FWL
			TD 2478	PBD	KB	DF
					GL	
			POOL RED LAKE;QUEEN-GRAYBURG-SA			PERFS 1971-2378
						Open Hole
			POOL			PERFS
						Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	494	250 sxs	12.25	0' Circ
PROD	5.5	2478	350 sxs	7.875	450 Cal

7 RVRS 300

8 5/8" @ 494'

TOC 0

Queen 863

Grayburg 1138

San Andres 1608

5 1/2 @ 2478

TOC @ 450'

Glorieta

Yeso

TOC 5 1/2 @ 450'

PERFS 1971-2378

TD 2478

SPUD: 01/30/2006

COMP1: 06/15/2006

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00619		
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC		
7 RVRS Queen Grayburg San Andres	360 875 1363 1626	PERF 60'			
		Pump 80 sxs			
		Circ			
		PERF @ 700 SPOT 100 sxs			
		PLUG 30 sxs TAG @ 1109			
		CIBP @ 1540'			
		5 1/2 @ 1749 TOC @ 0'			
		TD 2264			

SURF LOC:		UL: J	SEC: 35	TWN: 17S	RNG: 27E
		2305 FSL		1664 FEL	
BH LOC:		UL: J	SEC: 35	TWN: 17S	RNG: 27E
		2305 FSL		1664 FEL	
TD	2264	PBD	KB	DF	
			GL		

POOL		PERFS
RED LAKE;QUEEN-GB-SAN ANDRES		Open Hole 1749-2264
POOL		PERFS
		Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	5.5	1749	250 sxs	na	

SPUD: 02/08/1947
COMP: 03/30/1947
P&A: 01/10/2007

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-01225				
FORM	DEPTH		OPERATOR: GEORGE H WILLIAMS				
7 RVRS 280 8 5/8 @ 390 TOC @ 350 Queen 890							
					LEASENAME: BARRIENTOS		WELL NO. 2
	SURF LOC:	UL: G	SEC: 35	TWN: 17S	RNG: 27E		
	2310 FNL			2310 FEL			
	BH LOC:	UL: G	SEC: 35	TWN: 17S	RNG: 27E		
	2310 FNL			2310 FEL			
	TD 446	PBD	KB	DF			
				GL			
	POOL EMPIRE; YATES-SEVEN RIVERS				PERFS		
					Open Hole 390-446		
POOL				PERFS			
				Open Hole			

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	8.625	390	20 sxs	na	365 Cal

No info on how well was plugged

SPUD: 12/07/1941

COMP: 01/11/1942

P&A: 11/30/1942

TOC @ 350

TD 446

PREPARED BY: Eddie Seay

UPDATED 10/08/12

WELLBORE SCHEMATIC AND HISTORY

[illegible]

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-33765	
FORM	DEPTH		OPERATOR: OCCIDENTAL PERMIAN OPERATING LP	
			LEASENAME: OPL EAGLE 35 FEDERAL	
			WELL NO. 1	
			SURF LOC:	UL: G SEC: 35 TWN: 17S RNG: 27E
			2210 FNL 2310 FEL	
			BH LOC:	UL: G SEC: 35 TWN: 17S RNG: 27E
			2210 FNL 2310 FEL	
			TD 3600	PBD KB DF
				GL
			POOL RED LAKE; GLORIETA-YESO, NE	
			PERFS 3000-3466	
			Open Hole	
			POOL	
			PERFS	
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	300	245 sxs	12.25	0 Circ
PROD	5.5	3600	585 sxs	7.875	0 Circ

7 RVRS 320

Queen 880

Grayburg 1297

San Andres 1622

Glorieta 2992

Yeso 3063

8 5/8 @ 300' TOC 0

5 1/2 @ 3600 TOC @ 0'

PERFS 3000-3466

TD 3600

SPUD: 03/04/2005

COMP: 04/15/2005

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-34385			
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING LP			
			LEASENAME: MIDNIGHT MATADOR A FED		WELL NO. 1	
			SURF LOC:	UL: G SEC: 35	TWN: 17S	RNG: 27E
			1896 FNL		2000 FEL	
			BH LOC:	UL: F SEC: 35	TWN: 17S	RNG: 27E
			1950 FNL		2375 FWL	
			TD 2475	PBD	KB	DF
					GL	
			POOL RED LAKE;QUEEN-GRAYBURG-SA			PERFS 1988-2389
						Open Hole
			POOL			PERFS
						Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	520	425 sxs	12.25	0' Circ
PROD	5.5	2473	365 sxs	7.875	65 Cal

7 RVRS 300

8 5/8" @ 520' TOC 0

Queen 863

Grayburg 1138

San Andres 1608

5 1/2 @ 2473 TOC @ 65'

Glorieta

Yeso

TOC 5 1/2 @ 65'

PERFS 1988-2389

TD 2475

SPUD: 01/23/2006

COMP1: 06/03/2006

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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COMPLETION SCHEMATIC		O-A
FORM	DEPTH	
7 RVRS	320	
	8 5/8" @ 350' TOC 0	
Queen	898	
Grayburg	1388	
San Andres	1645	
	5 1/2 @ 2420 TOC @ 0'	
		PERFS 1804-1839
		PERFS 1959-2370
		PBTD 2380
		TD 2505
Glorieta		
Yeso		

APINUM: 30-015-35619	
OPERATOR: LEGACY RESERVES OPERATING LP	
LEASENAME: MIDNIGHT MATADOR A	WELL NO. 2
SURF LOC: UL: G SEC: 35 TWN: 17S RNG: 27E	
2310 FNL	1700 FEL
BH LOC: UL: G SEC: 35 TWN: 17S RNG: 27E	
2310 FNL	1700 FEL
TD 2505 PBD KB DF	GL
POOL RED LAKE;QUEEN-GRAYBURG-SA	PERFS 1959-2370
	1804-1839
	Open Hole
POOL	PERFS
	Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	350	250 sxs	12.25	0' Circ
PROD	5.5	2420	450 sxs	7.875	0' Circ

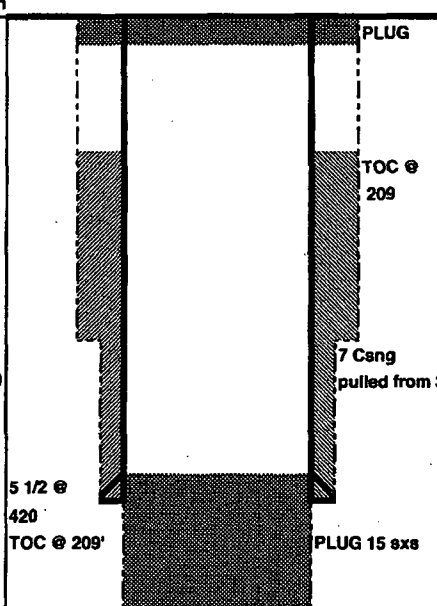
SPUD: 07/23/2007

COMP1: 08/17/2007

PREPARED BY:	Eddie Seay	UPDATED	10/08/12

SPUD: 07/23/2007
COMP1: 08/17/2007

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-01228			
FORM	DEPTH		OPERATOR: RANDOLF J JOHNSTON			
7 RVRs	360		LEASENAME: FEDERAL 35		WELL NO. 4	
			SURF LOC: UL: H SEC: 35 TWN: 17S RNG: 27E		2310 FNL 990 FEL	
			BH LOC: UL: H SEC: 35 TWN: 17S RNG: 27E		2310 FNL 990 FEL	
			TD 472 PBD KB DF		GL	
			POOL		PERFS	
			EMPIRE;YATES-7 RVRs		Open Hole 420-472	
			POOL		PERFS	
					Open Hole	
CASING RECORD						
	SIZE	DEPTH	CMT	HOLE SIZE	TOC	
SURF	7	347	PULLED	na	na	
PROD	5.5	420	60 sxs	na	209 Est	
7 Casing pulled from 347'						
SPUD: 11/03/1941						
COMP: 12/11/1941						
P&A: 11/1942						
Queen	860					
			PREPARED BY: Eddie Seav	UPDATED	10/08/12	

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-32861																																													
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING LP																																													
7 RVRS 320 Queen 947 Grayburg 1323 San Andres 1657 Glorieta Yeso 8 5/8" @ 498' TOC 0 5 1/2" @ 2440 TOC @ 0' PERFS 2213-2344 TD 2700		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">LEASENAME: MIDNIGHT MATADOR</td> <td colspan="2">WELL NO. 1</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: H SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">2300 FNL</td> <td colspan="2">990 FEL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: H SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">2300 FNL</td> <td colspan="2">990 FEL</td> </tr> <tr> <td>TD 2443</td> <td>PBD</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2"></td> <td>GL</td> <td></td> </tr> <tr> <td colspan="2">POOL RED LAKE; QUEEN-GRAYBURG-SA</td> <td colspan="2">PERFS 2213-2344</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> <tr> <td colspan="2">POOL</td> <td colspan="2">PERFS</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> </table>			LEASENAME: MIDNIGHT MATADOR		WELL NO. 1		SURF LOC:	UL: H SEC: 35	TWN: 17S	RNG: 27E	2300 FNL		990 FEL		BH LOC:	UL: H SEC: 35	TWN: 17S	RNG: 27E	2300 FNL		990 FEL		TD 2443	PBD	KB	DF			GL		POOL RED LAKE; QUEEN-GRAYBURG-SA		PERFS 2213-2344				Open Hole		POOL		PERFS				Open Hole	
		LEASENAME: MIDNIGHT MATADOR		WELL NO. 1																																												
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		2300 FNL		990 FEL																																												
		TD 2443	PBD	KB	DF																																											
				GL																																												
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SURF	8.625	498	200 sxs	12.25	0' Circ																																											
PROD	5.5	2440	725 sxs	7.875	0' Circ																																											
SPUD: 08/18/2003 COMP1: 09/06/2003																																																
PREPARED BY: Eddie Seay UPDATED 10/08/12																																																

COMPLETION SCHEMATIC

O-P

APINUM: 30-015-00622

OPERATOR: FAIRWAY RESOURCES OPERATING LLC

LEASENAME: SOUTH RED LAKE II UNIT

WELL NO. 24

SURF LOC: UL: I SEC: 35 TWN: 17S RNG: 27E

1650 FSL

330 FEL

BH LOC: UL: I SEC: 35 TWN: 17S RNG: 27E

1650 FSL

330 FEL

TD 1741 PBD KB DF

GL

POOL RED LAKE;QUEEN-GB-SAN ANDRES

PERFS

Open Hole 1592-1741

POOL

PERFS

Open Hole

FORM DEPTH

10 3/4 @ 20'

8 5/8 @ 130

7 RVRS 440

Queen 940

Grayburg 1360

San Andres 1704

8 1/4 Csg pulled from 992'

TOC @ 1250

TD 1741

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.25	992	PULLED	na	na
PROD	7	1592-120	50 sxs	na	1250 est
	10.75	20			NO CMNT
	8.625	103			NO CMNT

SPUD: 05/24/1949

COMP: 05/23/1949

P&A: 04/2006

PULLED 120' DAMAGED 7" CASNG

RAN 20' 10 3/4 CSNG

RAN 130' 8 5/8 TO SURROUND DAMAGED 7" CSNG

UNKOWN HOW WELL WAS PLUGGED BELOW DAMAGED 7" CSNG

TAG UNKNOWED TD WITH 1" TUBING FILL HOLE WITH CEMENT

PREPARED BY: Eddie Seay

UPDATED 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00623																																													
FORM	DEPTH		OPERATOR: LEGACY RESOURCES OPERATING LLC																																													
7 RVRS	440		LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 19																																											
		SURF LOC:	UL: I	SEC: 35	TWN: 17S	RNG: 27E																																										
		2310 FSL		990 FEL																																												
		BH LOC:	UL: I	SEC: 35	TWN: 17S	RNG: 27E																																										
		2310 FSL		990 FEL																																												
		TD	1705	PBD	KB	DF																																										
				GL																																												
		POOL		PERFS																																												
		RED LAKE;QUEEN-GRAYBURG-SA		Open Hole																																												
		POOL		PERFS																																												
		Open Hole																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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</td> <td>815</td> <td>PULLED</td> <td>na</td> <td>na</td> </tr> <tr> <td>INT1</td> <td>7</td> <td>1350</td> <td>50 sxs</td> <td>na</td> <td>1010 est</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>na</td> <td>na</td> <td>na</td> <td>na</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	8	815	PULLED	na	na	INT1	7	1350	50 sxs	na	1010 est	PROD	4.5	na	na	na	na												
CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
SURF	8	815	PULLED	na	na																																											
INT1	7	1350	50 sxs	na	1010 est																																											
PROD	4.5	na	na	na	na																																											
		8" Casing pulled from 815'																																														
		SPUD: 04/18/1947 COMP: 05/28/1947																																														
Queen	940		TOC @ 1010																																													
			TOC NA (Based ON similar completions approximately 1250')																																													
Grayburg	1360	7"	@ 1350																																													
			TOC 1010																																													
		4 1/2 @	NA																																													
			TOC @ NA'																																													
San Andres	1704		SETTING DEPTH 4 1/2 UNKNOWN																																													
			TD 1705																																													

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00624																																																			
FORM	DEPTH	OPERATOR: CITIES SERVICE CO																																																				
80 SXS CMNT 100 SXS CMNT 160 SXS CMNT 50 SXS CMNT TD 511		LEASENAME: MAGRUDER A WELL NO. 2																																																				
		SURF LOC: UL: I SEC: 35 TWN: 17S RNG: 27E																																																				
		1650 FSL 990 FEL																																																				
		BH LOC: UL: I SEC: 35 TWN: 17S RNG: 27E																																																				
		1650 FSL 990 FEL																																																				
		TD 511 PBD KB DF																																																				
		GL																																																				
		POOL																																																				
		PERFS																																																				
		EMPIRE; YATES-7 RVRS																																																				
Open Hole 426-511																																																						
POOL																																																						
PERFS																																																						
Open Hole																																																						
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CASING RECORD																																																						
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																																	
PROD	8	426	45 sxs	na	275 est																																																	
TOC @ 275 EST																																																						
8 @ 426																																																						
440 TOC @ 275																																																						
7 RVRS																																																						
Queen 940																																																						
SPUD: 10/21/1941 COMP: 10/25/1941 P&A: 08/27/1979 PLUGGED WITH TOTAL 390 SXS CMNT IN 4 STAGES (50 SXS, 160 SXS, 100 SXS, 80 SXS CMNT)																																																						
PREPARED BY: Eddie Seay UPDATED 10/08/12																																																						

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30436																																													
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																													
			LEASENAME: LOGAN 35 FEDERAL			WELL NO. 2																																										
			SURF LOC:	UL: I	SEC: 35	TWN: 17S																																										
			2100 FSL		840 FEL																																											
			BH LOC:	UL: I	SEC: 35	TWN: 17S																																										
			2100 FSL		840 FEL																																											
			TD 3725	PBD	KB	DF																																										
						GL																																										
			POOL RED LAKE;GLORIETA-YESO, NE			PERFS 3176-3454																																										
						Open Hole																																										
			POOL RED LAKE;QUEEN-GRAYBURG-SA			PERFS 2032-2456																																										
						2742-2861																																										
						Open Hole																																										
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CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
SURF	8.625	1097	550 sxs	12.25	0' Circ																																											
PROD	5.5	3725	745 sxs	7.875	0' Circ																																											
7 RVRS	320																																															
Queen	942																																															
		8 5/8" @ 1097 TOC 0																																														
Grayburg	1362																																															
San Andres	1704																																															
			PERFS 2032-2456																																													
			PERFS 2742-2861																																													
Glorieta	3050																																															
Yeso	3136		PERFS 3176-3454																																													
		5 1/2 @ 3725 TOC @ 0'																																														
			TD 3725																																													
			SPUD:		03/07/2000																																											
			COMP1:		03/24/2000																																											
			COMP2:		06/07/2001																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PREPARED BY:</td> <td>Eddie Seay</td> <td>UPDATED</td> <td>10/08/12</td> </tr> </table>							PREPARED BY:	Eddie Seay	UPDATED	10/08/12																																						
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-36081																																													
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																													
			LEASENAME: LOGAN 35 FEDERAL		WELL NO. 1																																											
			SURF LOC:	UL: I SEC: 35	TWN: 17S	RNG: 27E																																										
			1520 FSL		1280 FEL																																											
			BH LOC:	UL: I SEC: 35	TWN: 17S	RNG: 27E																																										
			1520 FSL		1280 FEL																																											
			TD 3505	PBD	KB	DF																																										
					GL																																											
			POOL RED LAKE; GLORIETA-YESO, NE		PERFS 3041-3453																																											
					Open Hole																																											
			POOL RED LAKE; QUEEN-GRAYBURG-SA		PERFS 2056-2345																																											
					Open Hole																																											
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SURF	8.625	1180	420 sxs	11	0' Circ																																											
PROD	5.5	3585	597 sxs	7.875	0' Circ																																											
7 RVRS	330																																															
Queen	945																																															
		8 5/8" @ 1180 TOC 0																																														
Grayburg	1370																																															
San Andres	1696																																															
			PERFS 2056-2345																																													
Glorieta	3060																																															
			PERFS 3041-3453																																													
Yeso	3164																																															
		5 1/2 @ 3585 TOC @ 0'																																														
			TD 3585																																													
			SPUD: 04/15/2008 COMP1: 04/19/2008 COMP2: 02/25/2010																																													

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-37742																												
FORM	DEPTH	OPERATOR: TARCO ENERGY LC																													
7 RVRS 440 8 5/8 @ 380' TOC @ 0 5 1/2 @ 558 TOC @ 12' Queen PERFS 483-522 TD 558		LEASENAME: MAGRUDER			WELL NO. 17																										
		SURF LOC:	UL: I	SEC: 35	TWN: 17S	RNG: 27E																									
		1653 FSL			990 FEL																										
		BH LOC:	UL: I	SEC: 35	TWN: 17S	RNG: 27E																									
		1653 FSL			990 FEL																										
		TD 558	PBD	KB	DF																										
					GL																										
		POOL EMPIRE; YATES-SEVEN RIVERS				PERFS 483-522																									
						Open Hole																									
		POOL				PERFS																									
				Open Hole																											
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CASING RECORD																															
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																										
SURF	8.625	380	70 sxs	12.25	0																										
PROD	5.5	558	95 sxs	7.875	0																										
			SPUD: 08/20/2011																												
			COMP: 03/08/2012																												
PREPARED BY: Eddie Seay UPDATED 10/08/12																															

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-37744																											
FORM	DEPTH		OPERATOR: TARCO ENERGY LC																											
7 RVRS 440 8 5/8 @ 360 TOC @ 0 5 1/2 @ 540 TOC @ 0' PERFS 446-487 TD 540		LEASENAME: MAGRUDER WELL NO. 19																												
		SURF LOC:		UL: I	SEC: 35	TWN: 17S	RNG: 27E																							
				1610 FSL		1645 FEL																								
		BH LOC:		UL: I	SEC: 35	TWN: 17S	RNG: 27E																							
				1610 FSL		1645 FEL																								
		TD 540		PBD	KB	DF																								
				GL																										
		POOL EMPIRE; YATES-SEVEN RIVERS				PERFS 446-487																								
						Open Hole																								
		POOL				PERFS																								
				Open Hole																										
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CASING RECORD																														
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																									
SURF	8.625	360	70 sxs	12.25	0																									
PROD	5.5	540	95 sxs	7.875	0																									
			SPUD: 11/14/2010 COMP: 08/24/2011																											
Queen																														

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00625																																											
FORM	DEPTH		OPERATOR: JOE L TARVER																																											
		LEASENAME: MAGRUDER A		WELL NO. 1																																										
		SURF LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																								
		1630 FSL		1645 FEL																																										
		BH LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																								
		1630 FSL		1645 FEL																																										
		TD	465	PBD	KB	DF																																								
				GL																																										
		POOL		PERFS																																										
		EMPIRE; YATES-7 RVRS		Open Hole 401-456																																										
		POOL		PERFS																																										
		Open Hole																																												
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CASING RECORD																																														
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
PROD	10	400	20 sxs	na	325 est																																									
7 RVRS	445	10 @ 400 TOC @ 325																																												
Queen	945																																													
SPUD: 09/07/1941 COMP: 09/16/1941 P&A: 04/21/1985																																														
PREPARED BY: Eddie Seay			UPDATED 10/08/12																																											

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00626																																											
FORM	DEPTH	OPERATOR: PRE-ONGARD WELL OPERATOR																																												
7 RVRS	440	LEASENAME: PRE-ONGARD WELL			WELL NO. 6																																									
		SURF LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																								
		1650 FSL		2310 FEL																																										
		BH LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																								
		1650 FSL		2310 FEL																																										
		TD	NA	PBD	KB	DF																																								
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		POOL			PERFS																																									
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
SURF																																														
PROD	NO WELL FILE FOR THIS																																													
SPUD: COMP: P&A:																																														
Queen	940																																													
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00627					
FORM	DEPTH		OPERATOR: MCQUADRANGLE, LC					
			LEASENAME: SOUTH RED LAKE GB UNIT				WELL NO. 18	
		CSNG CUT OFF 8' BELOW GROUND WITH WELDED STEEL PLATE	SURF LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E	
			2304 FSL			2310 FEL		
			BH LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E	
			2304 FSL			2310 FEL		
			TD 1665 PBD		KB	DF		
					GL			
			POOL				PERFS	
			RED LAKE; QU-GB-SA				Open Hole 1590-1665	
			POOL				PERFS	
							Open Hole	
7 RVRs	440		Perf 4 1/2 @ 600' SQZ 50 sxs circ to surface fell back 57'					
			8" Casing pulled from 826'					
			CASING RECORD					
				SIZE	DEPTH	CMT	HOLE SIZE	TOC
			SURF	8	826	PULLED	na	na
			INT1	7	1335	50 sxs	na	950 est
			PROD	4.5	na	na	na	na
Queen	940		SPUD: 06/09/1947 COMP: 07/09/1947 P&A: 05/25/2003					
			TOC @ 950					
			TOC NA (Based ON similar completions approximately 1250')					
				7"	@ 1350			
Grayburg	1360			TOC 1010				
			Plug 50 cf Tag TOC @ 1008					
				4 1/2 @	NA			
			SETTING DEPTH 4 1/2 UNKNOWN (Proposed setting at top of shot hole)					
				TOC @ NA'				
San Andres	1704		TD 1665					

PREPARED BY: Eddie Seay UPDATED: 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-27224																																													
FORM	DEPTH		OPERATOR: MEWBOURNE OIL CO																																													
7 RVRS	380		LEASENAME: CHALK BLUFF 35 FEDERAL		WELL NO. 1																																											
			SURF LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																									
			1980 FSL		1980 FEL																																											
			BH LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																																									
			1980 FSL		1980 FEL																																											
			TD 9963	PBD	KB	DF																																										
					GL																																											
			POOL		PERFS 9700-9752																																											
			ILLINOIS CAMP; MORROW, NORTH		Open Hole																																											
			POOL		PERFS 6714-7180																																											
LOGAN DRAW; WOLFCAMP		Open Hole																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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>13.375</td> <td>385</td> <td>600 sxs</td> <td>17.5</td> <td>0 Circ</td> </tr> <tr> <td>INT1</td> <td>9.625</td> <td>2600</td> <td>1100 sxs</td> <td>12.25</td> <td>0 Circ</td> </tr> <tr> <td>PROD</td> <td>5.5</td> <td>9963</td> <td>2345 sxs</td> <td>8.75</td> <td>0 Circ</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>							CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	13.375	385	600 sxs	17.5	0 Circ	INT1	9.625	2600	1100 sxs	12.25	0 Circ	PROD	5.5	9963	2345 sxs	8.75	0 Circ												
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INT1	9.625	2600	1100 sxs	12.25	0 Circ																																											
PROD	5.5	9963	2345 sxs	8.75	0 Circ																																											
Queen	900																																															
Grayburg	1337																																															
San Andres	1730																																															
		9 5/8 @ 2600																																														
Glorieta	3015																																															
			SPUD: 07/08/1993																																													
			COMP(1): 08/20/1993																																													
			COMP(2): 09/11/1993																																													
			DV TOOL @ 6656 STG1: 825 SXS, STG2 1520 sxs																																													
Wolfcamp	6785		PERFS 6714-7180																																													
Penn	7540																																															
Canyon	7975																																															
Strawn	8735																																															
Atoka	9245																																															
Morrow	9468																																															
		RPP @ 9600																																														
		PERFS 9700-9752																																														
		5 1/2 @ 9963																																														
		TOC @ 0'	TD 9963																																													

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30408																																																			
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																																			
7 RVRS 320 Queen 947 Grayburg 1358 San Andres 1678 Glorieta 3030 Yeso 3105			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">LEASENAME: LOGAN 35 FEDERAL</td> <td colspan="2">WELL NO. 3</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: J SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">2210 FSL</td> <td colspan="2">1650 FEL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: J SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">2210 FSL</td> <td colspan="2">1650 FEL</td> </tr> <tr> <td>TD 3807</td> <td>PBD</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2"></td> <td>GL</td> <td></td> </tr> <tr> <td colspan="2">POOL RED LAKE;GLORIETA-YESO, NE</td> <td colspan="2">PERFS 3148-3360</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> <tr> <td colspan="2">POOL RED LAKE;QUEEN-GRAYBURG-SA</td> <td colspan="2">PERFS 2248-2442</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">2726-2846</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> </table>				LEASENAME: LOGAN 35 FEDERAL		WELL NO. 3		SURF LOC:	UL: J SEC: 35	TWN: 17S	RNG: 27E	2210 FSL		1650 FEL		BH LOC:	UL: J SEC: 35	TWN: 17S	RNG: 27E	2210 FSL		1650 FEL		TD 3807	PBD	KB	DF			GL		POOL RED LAKE;GLORIETA-YESO, NE		PERFS 3148-3360				Open Hole		POOL RED LAKE;QUEEN-GRAYBURG-SA		PERFS 2248-2442				2726-2846				Open Hole	
	LEASENAME: LOGAN 35 FEDERAL		WELL NO. 3																																																			
	SURF LOC:	UL: J SEC: 35	TWN: 17S	RNG: 27E																																																		
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	POOL RED LAKE;GLORIETA-YESO, NE		PERFS 3148-3360																																																			
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																																	
SURF	8.625	1180	350 sxs	11	0' Circ																																																	
PROD	5.5	3585	800 sxs	7.875	0' Circ																																																	
			8 5/8" @ 1126 TOC 0 SPUD: 10/03/2000 COMP1: 10/20/2000 COMP2: 10/24/2001																																																			
			5 1/2 @ 3807 TOC @ 0' PERFS 2248-2442 PERFS 2726-2846 PERFS 3148-3360 TD 3807																																																			

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30437			
FORM	DEPTH	OPERATOR: LIME ROCK RESOURCES II-A, LP				
			LEASENAME: LOGAN 35 FEDERAL		WELL NO. 4	
			SURF LOC:	UL: J	SEC: 35	TWN: 17S
			1650 FSL		2050 FEL	
			BH LOC:	UL: J	SEC: 35	TWN: 17S
			1650 FSL		2050 FEL	
			TD 4400	PBD	KB	DF
					GL	
			POOL RED LAKE;GLORIETA-YESO, NE		PERFS 3122-3244	
					Open Hole	
			POOL RED LAKE;QUEEN-GRAYBURG-SA		PERFS 2004-2420	
					2703-2828	
					Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1152	550 sxs	12.25	0' Circ
PROD	5.5	4400	1030 sxs	7.875	0' Circ

7 RVRS	320						
Queen	914						
		8 5/8"					
		@ 1152					
		TOC 0					
Grayburg	1111						
San Andres	1651						
Glorieta	3007						
Yeso	3109						
		5 1/2 @					
		4400					
		TOC @ 0'					

SPUD: 08/24/1999
 COMP1: 09/17/1999
 COMP2: 10/15/2000

PERFS 2004-2420

PERFS 2703-2828

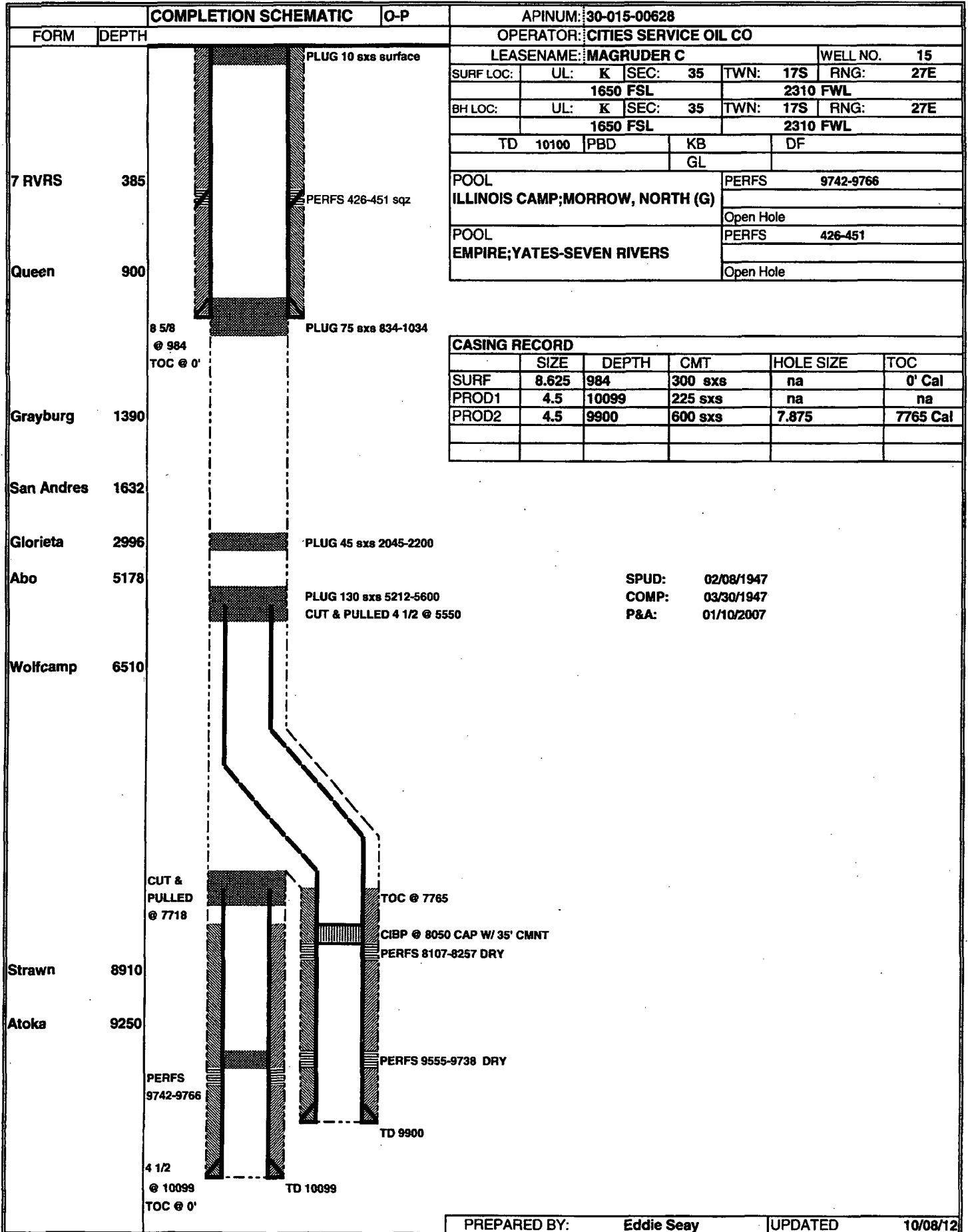
PERFS 3122-3244

TD 4400

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-37744																									
FORM	DEPTH	OPERATOR: TARCO ENERGY LC																										
7 RVRS 440 8 5/8 @ 380 TOC @ 0 5 1/2 @ 540 TOC @ 0' PERFS 421-461 TD 540		LEASENAME: MAGRUDER		WELL NO. 21																								
		SURF LOC:	UL: J	SEC: 35	TWN: 17S	RNG: 27E																						
		1624 FSL		2306 FEL																								
		BH LOC:	UL: I	SEC: 35	TWN: 17S	RNG: 27E																						
		1610 FSL		1645 FEL																								
		TD 540	PBD	KB	DF																							
				GL																								
		POOL EMPIRE; YATES-SEVEN RIVERS			PERFS 421-461																							
					Open Hole																							
		POOL			PERFS																							
			Open Hole																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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>380</td> <td>70 sxs</td> <td>12.25</td> <td>0</td> </tr> <tr> <td>PROD</td> <td>5.5</td> <td>540</td> <td>95 sxs</td> <td>7.875</td> <td>0</td> </tr> </tbody> </table>					CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	8.625	380	70 sxs	12.25	0	PROD	5.5	540	95 sxs	7.875	0
CASING RECORD																												
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																							
SURF	8.625	380	70 sxs	12.25	0																							
PROD	5.5	540	95 sxs	7.875	0																							
SPUD: 07/22/2011 COMP: 02/14/2012																												
Queen																												

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		1-A	APINUM: 30-015-00630																																					
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																					
7 RVRS	385		Plug 70 sxs PERF @ 60 Pump 160 sxs Tag @ 18'		LEASENAME: SOUTH RED LAKE II UNIT WELL NO. 17																																			
			SURF LOC: UL: K SEC: 35 TWN: 17S RNG: 27E 2263 FSL 1650 FWL																																					
			BH LOC: UL: K SEC: 35 TWN: 17S RNG: 27E 2263 FSL 1650 FWL																																					
			TD 1694 PBD KB DF GL																																					
			POOL RED LAKE;QU-GB-SA POOL																																					
			PERFS Open Hole 1556-1694 PERFS Open Hole																																					
			CASING RECORD																																					
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				SIZE	DEPTH	CMT	HOLE SIZE	TOC																																
			SURF	8.25	914	PULLED	na	na																																
INT1	7	1320	50 sxs	na	950 est																																			
PROD	4.5	1556	50 sxs	na	1250 est																																			
SPUD: 01/19/1948 COMP: 03/11/1948 P&A: 01/16/2007																																								
PERF @ 700 Pump 50 sxs tag @ 434																																								
Queen	900		8 1/4" Casing pulled from 914' TOC 7 @ 950 TOC 4 1/2 @ 1250																																					
			7" @ 1320 TOC 950																																					
			Plug 50 cf Tag TOC @ 1008 CIBP @ 1500 CAP W/ 25 sxs																																					
			4 1/2 @ 1556 TOC @ 1250																																					
Grayburg	1390		TD 1556																																					
			San Andres 1632																																					

COMPLETION SCHEMATIC

O-P

APINUM: 30-015-00631

FORM

DEPTH

OPERATOR: JOE L TARVER

LEASENAME: MAGRUDER A

LEASENAME: MAGRUDER A

WELL NO. 3

SURF LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E
-----------	-------	---------	----------	----------

2310 FSL

2313 FEL

100

BH LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E
---------	-------	---------	----------	----------

2300 FSL

2313 FEL

100

PBD

DF

GL

POOL

PERFS

EMPIRE;YATES- 7 RVRS

Open Hole	405-441
-----------	---------

POOL

PERFS

Open Hole

PLUG
285 sxs
0-441'

TOC @ 265

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	8	405	25 sxs	na	265 est

8 @ 405

385 | TOC @ 265

7 RVRS

TD 441

SPUD: 11/10/1941

COMP: 11/14/1941

P&A: 06/01/1965

Queen

900

PREPARED BY: **Eddie Seay**

UPDATED

10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00632																																					
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP																																						
7 RVRS 385 Queen 900 Grayburg 1390 San Andres 1630 Glorieta 2996 Abo 5170 8 5/8" @ 513 TOC 0 TOC 5 1/2 @ 829 est PERFS 1590-1617 PERFS 2140-2204 5 1/2 @ 2348 TOC @ 829 TD 2350		LEASENAME: SOUTH RED LAKE II UNIT WELL NO. 25 SURF LOC: UL: K SEC: 35 TWN: 17S RNG: 27E 1703 FSL 2310 FWL BH LOC: UL: K SEC: 35 TWN: 17S RNG: 27E 1703 FSL 2310 FWL TD 2350 PBD KB DF GL																																						
		POOL RED LAKE;QUEEN-GB-SAN ANDRES PERFS 2140-2204 1590-1617 Open Hole																																						
		POOL PERFS Open Hole																																						
		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>513</td> <td>100 sxs</td> <td>na</td> <td>0 est</td> </tr> <tr> <td>PROD</td> <td>5.5</td> <td>2348</td> <td>330 sxs</td> <td>na</td> <td>829 est</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	8.625	513	100 sxs	na	0 est	PROD	5.5	2348	330 sxs	na	829 est																		
			SIZE	DEPTH	CMT	HOLE SIZE	TOC																																	
		SURF	8.625	513	100 sxs	na	0 est																																	
		PROD	5.5	2348	330 sxs	na	829 est																																	
SPUD: 09/14/1957 COMP: 09/30/1957																																								
PREPARED BY: Eddie Seay																																								
UPDATED 10/08/12																																								

COMPLETION SCHEMATIC

O-A

APINUM: 30-015-30438

OPERATOR: LIME ROCK RESOURCES II-A, LP

LEASENAME: LOGAN 35 FEDERAL

WELL NO.	6
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SURF LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E
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1750 FSL

1680 FWL

BH LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E
---------	-------	---------	----------	----------

1750 FSL

1680 FWL

PBD

DF

TD	3597	PBD
----	------	-----

KB

DF

GL

POOL
RED LAKE;GLORIETA-YESO, NE

PERFS	3075-3288
-------	-----------

Open Hole

POOL
RED LAKE;QUEEN-GRAYBURG-SA

PERFS	2134-2759
-------	-----------

Open Hole

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1135	420 sxs	12.25	0' Circ
PROD	5.5	3596	597 sxs	7.875	0' Circ

SPUD: 12/04/1998

COMP1: 06/04/1999

COMP2: 04/18/2007

7 RVRS

320

Queen

879

8 5/8"
@ 1135
TOC 0

Grayburg

1330

San Andres

1610

Glorieta

2962

Yeso

3047

5 1/2 @
3596
TOC @ 0'

TD 3597

PERFS 2134-2759

PERFS 3075-3288

PREPARED BY: Eddie Seay

UPDATED

10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30475																																											
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																											
7 RVRS	325		LEASENAME: LOGAN 35 FEDERAL																																											
			WELL NO. 5																																											
			SURF LOC: UL: K SEC: 35 TWN: 17S RNG: 27E																																											
			2210 FSL 1950 FWL																																											
			BH LOC: UL: K SEC: 35 TWN: 17S RNG: 27E																																											
			2210 FSL 1950 FWL																																											
			TD 3800 PBD KB DF																																											
			GL																																											
			POOL RED LAKE;GLORIETA-YESO, NE																																											
			PERFS 3061-3274																																											
Open Hole																																														
POOL RED LAKE;QUEEN-GRAYBURG-SA																																														
PERFS 1989-2922																																														
Open Hole																																														
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SURF	8.625	1142	650 sxs	12.25	0' Circ																																									
PROD	5.5	3795	875 sxs	7.875	0' Circ																																									
Queen	886		SPUD: 12/27/2000																																											
		8 5/8" @ 1142 TOC 0	COMP1: 01/25/2001																																											
			COMP2: 05/02/2007																																											
Grayburg	1306																																													
San Andres	1618																																													
Glorieta	2960																																													
Yeso	3040																																													
		5 1/2 @ 3795 TOC @ 0'																																												
		TD 3800																																												
		PERFS 1989-2922																																												
		PERFS 3061-3274																																												
<table border="1"> <thead> <tr> <th>PREPARED BY:</th> <th>Eddie Seay</th> <th>UPDATED</th> <th>10/08/12</th> </tr> </thead> </table>					PREPARED BY:	Eddie Seay	UPDATED	10/08/12																																						
PREPARED BY:	Eddie Seay	UPDATED	10/08/12																																											

WELLBORE SCHEMATIC AND HISTORY

		COMPLETION SCHEMATIC		O-P		APINUM: 30-015-01223	
FORM DEPTH		OPERATOR: PRE-ONGARD WELL OPERATOR					
		LEASENAME: PRE-ONGARD WELL					WELL NO. 2
		SURF LOC:		UL: L	SEC: 35	TWN: 17S	RNG: 27E
		2310 FSL					990 FWL
		BH LOC:		UL: L	SEC: 35	TWN: 17S	RNG: 27E
		2310 FSL					990 FWL
		TD		NA	PBD	KB	DF
					GL		
		POOL					PERFS
							Open Hole
		POOL					PERFS
					Open Hole		

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF					
PROD	NO WELL FILE FOR THIS				

7 RVRs

Queen

SPUD:

COMP:

P&A:

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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COMPLETION SCHEMATIC		O-A	APINUM: 30-015-29633	
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP	
7 RVRs	270		LEASENAME: EAGLE 35 L FEDERAL	
			WELL NO. 2	
			SURF LOC:	UL: L SEC: 35 TWN: 17S RNG: 27E
			1820 FSL	
			BH LOC:	UL: L SEC: 35 TWN: 17S RNG: 27E
			1820 FSL	
			960 FWL	
			TD 2700 PBD KB DF	
			GL	
			POOL RED LAKE; QUEEN-GRAYBURG-SA	
PERFS 1953-2368				
Open Hole				
POOL				
PERFS				
Open Hole				

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1171	650 sxs	12.25	0' Circ
PROD	5.5	2699	500 sxs	7.875	0' Circ

Queen 866

8 5/8" @ 1171 TOC 0

Grayburg 1288

San Andres 1594

5 1/2" @ 2699 TOC @ 0'

Glorieta 3000

Yeso

SPUD: 09/02/1997

COMP1: 09/19/1997

PERFS 1953-2368

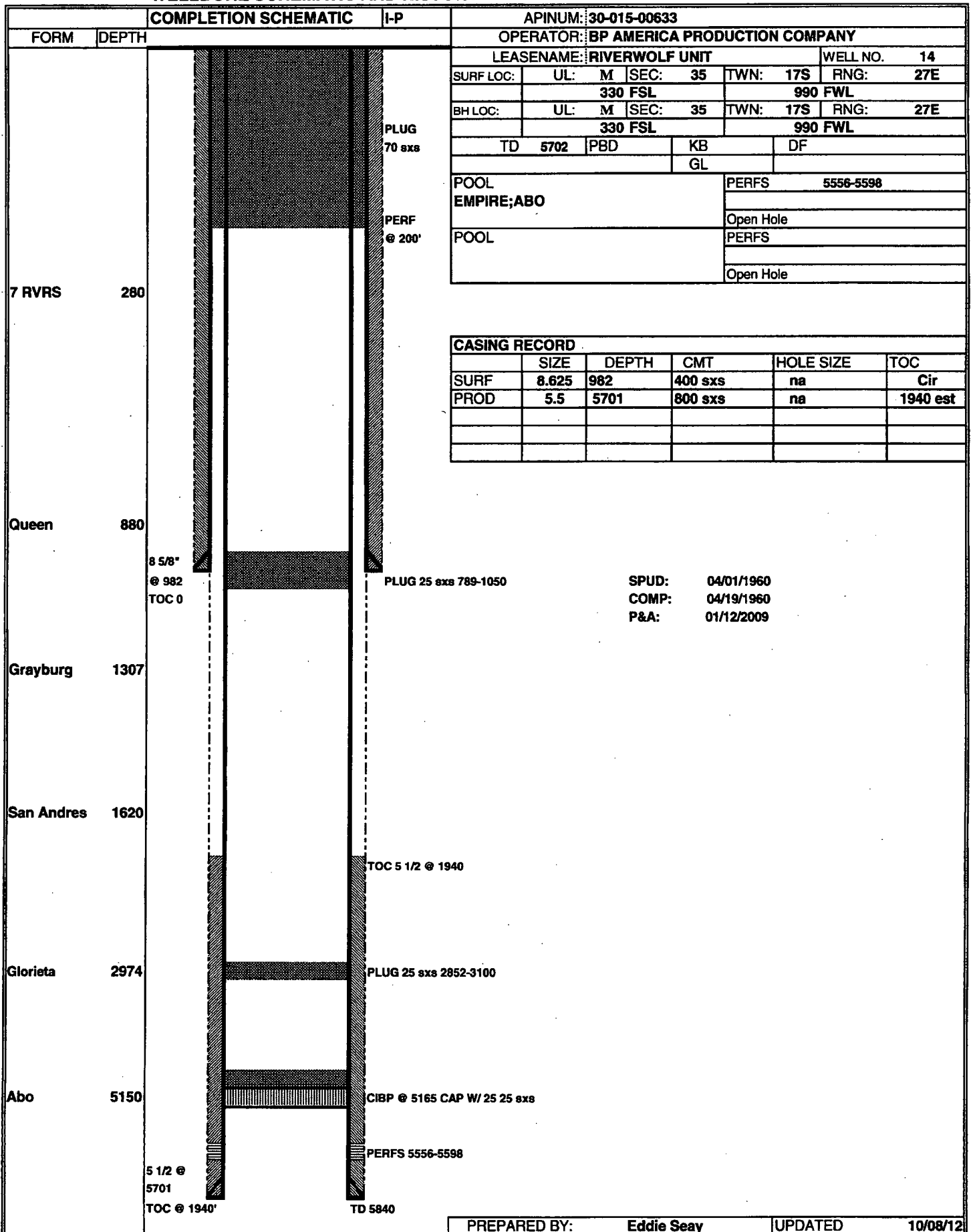
TD 2700

PREPARED BY: Eddie Seay	UPDATED: 10/08/12
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COMPLETION SCHEMATIC	O-A
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PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

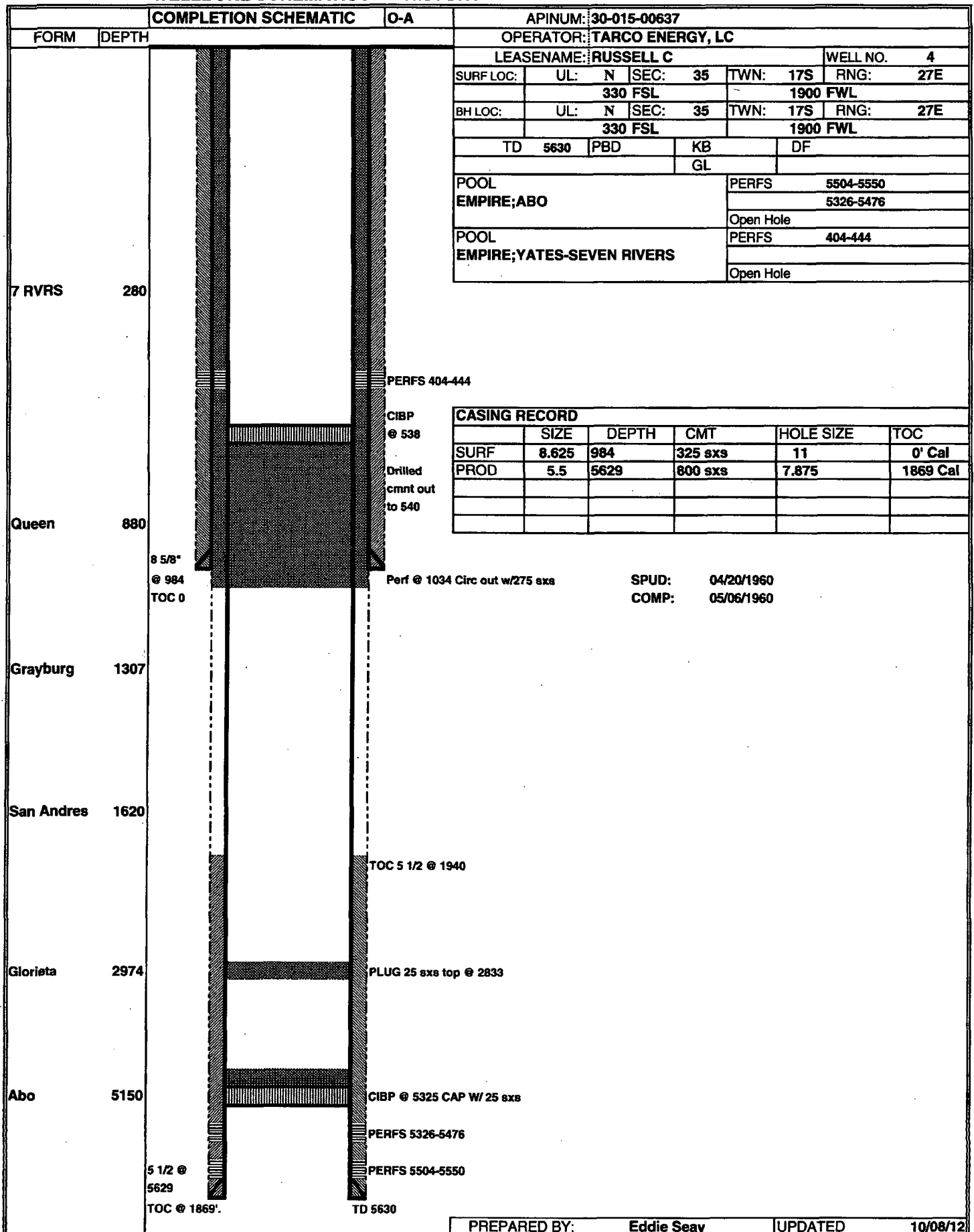
COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30735																																																		
FORM	DEPTH	OPERATOR: LIME ROCK RESOURCES II-A, LP																																																			
7 RVRs	320	LEASENAME: LOGAN 35 FEDERAL				WELL NO. 13																																															
		SURF LOC:	UL: M	SEC: 35	TWN: 17S	RNG: 27E																																															
		990 FSL				990 FWL																																															
		BH LOC:	UL: M	SEC: 35	TWN: 17S	RNG: 27E																																															
		990 FSL				990 FWL																																															
		TD 3800	PBD	KB	DF																																																
						GL																																															
		POOL RED LAKE;GLORIETA-YESO, NE				PERFS 3061-3274																																															
						Open Hole																																															
		POOL RED LAKE;QUEEN-GRAYBURG-SA				PERFS 1989-2922																																															
				Open Hole																																																	
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PROD	5.5	3795	700 sxs	7.875	0' Circ																																																
Queen	879	8 5/8" @ 1141 TOC 0				SPUD: 12/27/2000																																															
Grayburg	1330					COMP1: 01/03/2001																																															
San Andres	1610					COMP2: 05/02/2007																																															
Glorieta	2962	PERFS 1989-2922																																																			
Yeso	3047	PERFS 3061-3274																																																			
		5 1/2" @ 3795 TOC @ 0'																																																			
		TD 3800																																																			

PREPARED BY: Eddie Seay UPDATED: 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30736																																													
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																													
			LEASENAME: LOGAN 35 FEDERAL		WELL NO. 14																																											
			SURF LOC:	UL: M SEC: 35	TWN: 17S	RNG: 27E																																										
			330 FSL		500 FWL																																											
			BH LOC:	UL: M SEC: 35	TWN: 17S	RNG: 27E																																										
			330 FSL		500 FWL																																											
			TD 3700	PBD	KB	DF																																										
					GL																																											
			POOL RED LAKE;GLORIETA-YESO, NE		PERFS 3104-3374																																											
					Open Hole																																											
			POOL RED LAKE;QUEEN-GRAYBURG-SA		PERFS 2000-2423																																											
					2743-2872																																											
					Open Hole																																											
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PROD	5.5	3700	800 sxs	7.875	0' Circ																																											
7 RVRS	310																																															
Queen	904																																															
		8 5/8" @ 1150' TOC 0																																														
Grayburg	1324																																															
San Andres	1624																																															
			PERFS 2020-2423																																													
			PERFS 2743-2872																																													
Glorieta	2988		CIBP @ 3000																																													
Yeso	3087		PERFS 3104-3374																																													
		5 1/2 @ 3700 TOC @ 0'	TD 3700																																													
			SPUD: 10/12/1999 COMP1: 11/03/1999 COMP2: 08/12/2000																																													
			PREPARED BY: Eddie Seay UPDATED 10/08/12																																													

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00638																																											
FORM	DEPTH		OPERATOR: TARCO ENERGY, LC																																											
7 RVRS 280 8 @ 380 TOC @ 340 Queen 880 PLUG 0-431' 1) 25 sxs Class C 2) Ready mix to surf TOC @ 340 TD 431		LEASENAME: RUSSELL C		WELL NO. 6																																										
	SURF LOC:	UL: N	SEC: 35	TWN: 17S	RNG: 27E																																									
			1009 FSL		2297 FWL																																									
	BH LOC:	UL: N	SEC: 35	TWN: 17S	RNG: 27E																																									
			1009 FSL		2297 FWL																																									
	TD	431	PBD	KB	DF																																									
			GL																																											
	POOL EMPIRE; YATES-SEVEN RIVERS				PERFS																																									
					Open Hole 380-431																																									
	POOL				PERFS																																									
				Open Hole																																										
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PROD	8	380	25 sxs	10	340 est																																									
			SPUD:	11/29/1941																																										
			COMP:	12/06/1941																																										
			P&A:	09/05/2007																																										
			PREPARED BY: Eddie Seay UPDATED 10/08/12																																											

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00644																																					
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																					
			LEASENAME: SOUTH RED LAKE II UNIT WELL NO. 31																																					
			SURF LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E																																				
			330 FSL 2310 FWL																																					
			BH LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E																																				
			330 FSL 2310 FWL																																					
			TD 1623	PBD KB DF																																				
				GL																																				
			POOL RED LAKE;QUEEN-GB-SAN ANDRES																																					
			PERFS																																					
			Open Hole 947-1623																																					
			POOL																																					
			PERFS																																					
			Open Hole																																					
READY MIX 0-106' 7 RVRS 280 10" @ 460 TOC ??? Queen 880 Grayburg 1310 8 1/4 @ 947 TOC @ ???' San Andres 1620 TD 1623			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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>10</td> <td>460</td> <td>No cmnt</td> <td>na</td> <td>0</td> </tr> <tr> <td>PROD</td> <td>8.25</td> <td>947</td> <td>No cmnt</td> <td>na</td> <td>0</td> </tr> <tr> <td colspan="6">USED NO CMNT WHE SETTING CASING IN 1927</td> </tr> <tr> <td colspan="6">Circ cmnt on all strings when well plugged circ 20 sxs</td> </tr> </tbody> </table>		CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	10	460	No cmnt	na	0	PROD	8.25	947	No cmnt	na	0	USED NO CMNT WHE SETTING CASING IN 1927						Circ cmnt on all strings when well plugged circ 20 sxs					
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TOC @ ??? TOC @ ??? Tag TOP cmnt plug @ 106'																																								
SPUD: 08/08/1927 COMP: 09/13/1927 P&A: 01/19/2007																																								

COMPLETION SCHEMATIC		I-A		APINUM: 30-015-00645																																					
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP																																							
7 RVRS	280	LEASENAME: SOUTH RED LAKE II UNIT			WELL NO. 32																																				
		SURF LOC: UL: N SEC: 35		TWN: 17S RNG: 27E																																					
		330 FSL		1650 FWL																																					
		BH LOC: UL: N SEC: 35		TWN: 17S RNG: 27E																																					
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					Open Hole 1217-1630																																				
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PROD	10	1217	No cmnt	na	na																																				
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12 1/2" @ 713 Queen 880 10 @ 1217 Grayburg 1310 San Andres 1620 TD 1630 SPUD: 05/15/1926 COMP: 07/01/1926																																									
<table border="1"> <thead> <tr> <th colspan="2">PREPARED BY: Eddie Seay</th> <th colspan="2">UPDATED 10/08/12</th> </tr> </thead> </table>						PREPARED BY: Eddie Seay		UPDATED 10/08/12																																	
PREPARED BY: Eddie Seay		UPDATED 10/08/12																																							

COMP: 07/01/1926

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-20105																																											
FORM	DEPTH		OPERATOR: S & J OPERATING, LLC																																											
7 RVRS	280	PLUG 10 sxs	LEASENAME: SOUTH RED LAKE GB UNIT																																											
			WELL NO. 42																																											
			SURF LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E																																										
			990 FSL																																											
			BH LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E																																										
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			POOL		PERFS 1584-1595																																									
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PROD	4.5	1626	700 sxs	6.25	912 Cal																																									
Queen	880	7" @ 456 TOC @ 0'	PLUG sqz 25 sxs 400-500																																											
			PLUG 25 sxs 712-772																																											
			PERF @ 885 PLUG 20 sxs 795-895																																											
Grayburg	1340	TOC @ 912	PLUG 15 sxs 1170-1270																																											
			PLUG 55 sxs 1539-1617																																											
			PERFS 1584-1595																																											
San Andres	1620	4 1/2 @ 1626 TOC @ 912'	PBTD 1623																																											
			TD 1630																																											

SPUD: 11/24/1967

COMP: 12/02/1967

P&A: 02/24/1988

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-21358																																																								
FORM	DEPTH		OPERATOR: BP AMERICA PRODUCTION COMPANY																																																								
7 RVRS Queen Grayburg San Andres Glorieta Abo	280	PLUG 5 sxs	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4">LEASENAME: RIVERWOLF UNIT</td> <td>WELL NO. 11</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: N</td> <td>SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">990 FSL</td> <td>1880 FWL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: N</td> <td>SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">990 FSL</td> <td>1880 FWL</td> </tr> <tr> <td>TD</td> <td>5600</td> <td>PBD</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">GL</td> <td></td> </tr> <tr> <td colspan="3">POOL EMPIRE; ABO</td> <td colspan="2">PERFS 5482-5532</td> </tr> <tr> <td colspan="3"></td> <td colspan="2">Open Hole</td> </tr> <tr> <td colspan="3">POOL</td> <td colspan="2">PERFS</td> </tr> <tr> <td colspan="3"></td> <td colspan="2">Open Hole</td> </tr> </table>		LEASENAME: RIVERWOLF UNIT				WELL NO. 11	SURF LOC:	UL: N	SEC: 35	TWN: 17S	RNG: 27E			990 FSL		1880 FWL	BH LOC:	UL: N	SEC: 35	TWN: 17S	RNG: 27E			990 FSL		1880 FWL	TD	5600	PBD	KB	DF			GL			POOL EMPIRE; ABO			PERFS 5482-5532					Open Hole		POOL			PERFS					Open Hole	
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PROD	4.5	5600	700 sxs	7.875	2090 TS																																																						
8 5/8" @ 1010 TOC 0 Perf @ 1060 PLUG 250 sxs circ TAG top @ 774 SPUD: 12/22/1974 COMP: 06/16/1974 P&A: 06/08/2002																																																											
1307	TOC 4 1/2 @ 2090																																																										
1620	PLUG 25 sxs 2900-3150																																																										
2974	CIBP @ 5400 CAP W/ 25 sxs																																																										
5150	PERFS 5482-5532																																																										
4 1/2 @ 5600 TOC @ 2090'		TD 5600																																																									

PREPARED BY: Eddie Seay UPDATED 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30439																																																	
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP																																																	
7 RVRS 290 Queen 889 Grayburg 1318 San Andres 1625 Glorieta 2998 Yeso 3086			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">LEASENAME: LOGAN 35 B FEDERAL</td> <td colspan="2">WELL NO. 7</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: N SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2" style="text-align: center;">1090 FSL</td> <td colspan="2" style="text-align: center;">2120 FWL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: N SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2" style="text-align: center;">1090 FSL</td> <td colspan="2" style="text-align: center;">2120 FWL</td> </tr> <tr> <td>TD 3800</td> <td>PBD</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2"></td> <td>GL</td> <td></td> </tr> <tr> <td colspan="2">POOL RED LAKE;GLORIETA-YESO, NE</td> <td colspan="2">PERFS 3123-3356</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> <tr> <td colspan="2">POOL RED LAKE;QUEEN-GRAYBURG-SA</td> <td colspan="2">PERFS 2016-2404</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">2747-2798</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole</td> </tr> </table>		LEASENAME: LOGAN 35 B FEDERAL		WELL NO. 7		SURF LOC:	UL: N SEC: 35	TWN: 17S	RNG: 27E	1090 FSL		2120 FWL		BH LOC:	UL: N SEC: 35	TWN: 17S	RNG: 27E	1090 FSL		2120 FWL		TD 3800	PBD	KB	DF			GL		POOL RED LAKE;GLORIETA-YESO, NE		PERFS 3123-3356				Open Hole		POOL RED LAKE;QUEEN-GRAYBURG-SA		PERFS 2016-2404				2747-2798				Open Hole	
	LEASENAME: LOGAN 35 B FEDERAL		WELL NO. 7																																																	
	SURF LOC:	UL: N SEC: 35	TWN: 17S	RNG: 27E																																																
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SURF	8.625	1144	500 sxs	11	0' Circ																																															
PROD	5.5	3797	900 sxs	7.875	0' Circ																																															
			8 5/8" @ 1144 TOC 0 5 1/2 @ 3797 TOC @ 0' SPUD: 12/16/2000 COMP1: 01/12/2001 COMP2: 07/25/2001																																																	
			PERFS 2016-2404 PERFS 2747-2798 PERFS 3123-3356 TD 3800																																																	

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-36073	
FORM	DEPTH		OPERATOR: TARCO ENERGY LC	
			LEASENAME: RUSSELL C	
			WELL NO. 6X	
			SURF LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E
				999 FSL 2297 FWL
			BH LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E
				999 FSL 2297 FWL
			TD 520	PBD KB DF
				GL
			POOL	PERFS 403-442
			EMPIRE;YATES-SEVEN RIVERS	Open Hole
			POOL	PERFS
				Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	4.5	520	92 sxs	7.875	0' Circ

7 RVRS 300

4 1/2 @ 520' TOC @ 0'

Queen 845

PERFS 403-442'

TD 520

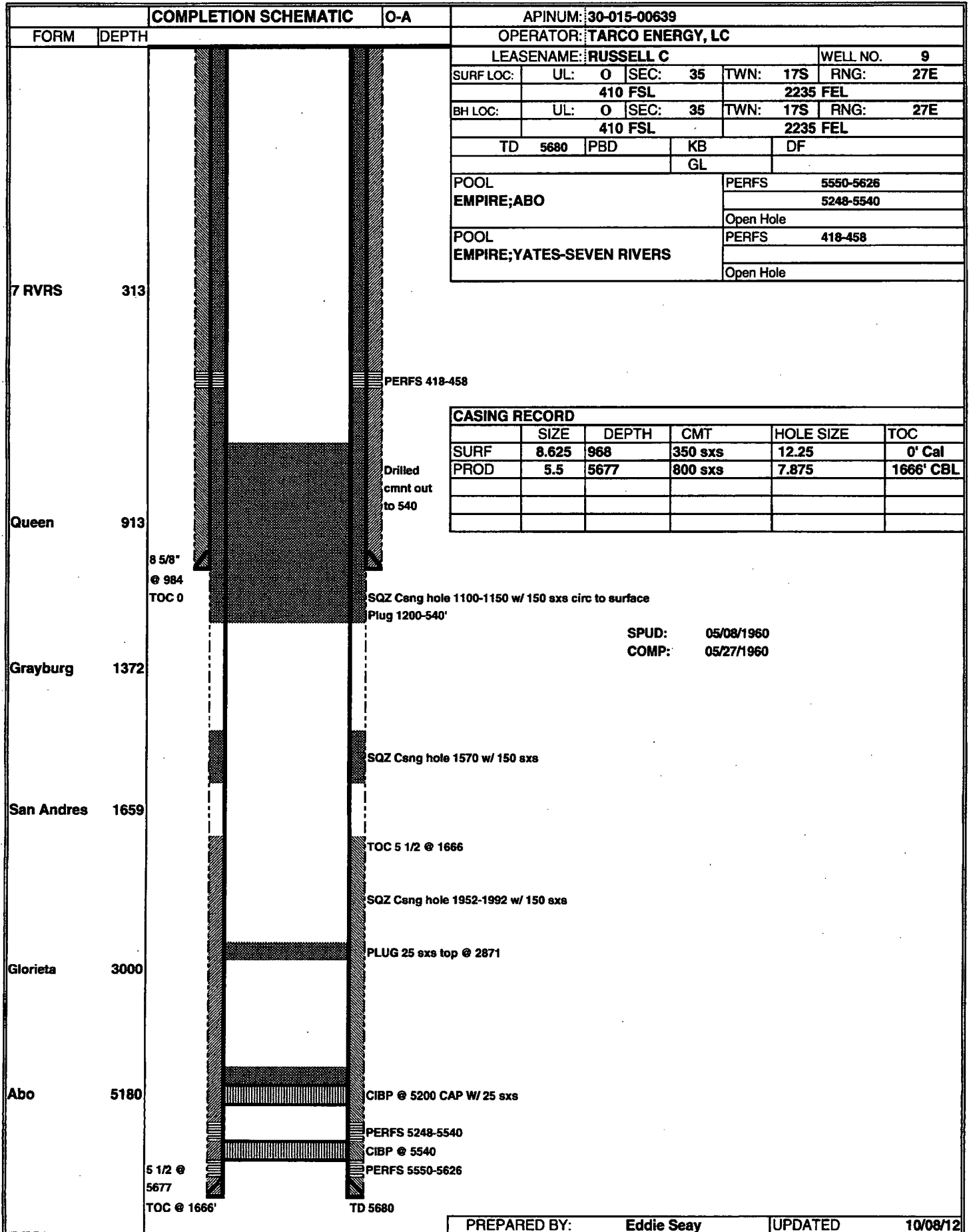
SPUD: 06/01/2008

COMP: 07/29/2008

P&A:

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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WELLBORE SCHEMATIC AND HISTORY



PREPARED BY: Eddie Seay UPDATED: 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00640																																											
FORM	DEPTH	OPERATOR: PRE-ONGARD WELL OPERATOR																																												
		LEASENAME: PRE-ONGARD WELL			WELL NO. 8																																									
		SURF LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																																								
		450 FSL			1650 FEL																																									
		BH LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																																								
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SURF																																														
PROD		NO WELL FILE FOR THIS																																												
7 RVRS	310																																													
Queen	910																																													
SPUD: COMP: P&A:																																														
PREPARED BY: Eddie Seay			UPDATED 10/08/12																																											

COMPLETION SCHEMATIC		O-P																																										
FORM	DEPTH																																											
7 RVRS	305		APINUM: 30-015-00641																																									
			OPERATOR: TARCO ENERGY, LC																																									
			LEASENAME: RUSSELL C	WELL NO. 7																																								
			SURF LOC: UL: 0 SEC: 35 TWN: 17S RNG: 27E																																									
			395 FSL	1622 FEL																																								
			BH LOC: UL: 0 SEC: 35 TWN: 17S RNG: 27E																																									
			395 FSL	1622 FEL																																								
			TD 477 PBD KB DF																																									
			GL																																									
			POOL	PERFS																																								
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POOL	PERFS																																											
	Open Hole 432-477																																											
	PERFS																																											
	Open Hole																																											
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PROD	8.25	432	25 sxs	na	440 est																																							
			SPUD: 12/14/1942																																									
			COMP: 12/30/1942																																									
			P&A: 02/17/1977																																									
Queen	915																																											
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00642			
FORM	DEPTH		OPERATOR: JOE L TARVER			
			LEASENAME: RUSSELL C			WELL NO. 5
			SURF LOC:	UL: 0	SEC: 35	TWN: 17S
						RNG: 27E
			1002 FSL			1633 FEL
			BH LOC:	UL: 0	SEC: 35	TWN: 17S
						RNG: 27E
			1002 FSL			1633 FEL
			TD 476	PBD	KB	DF
				GL		
			POOL EMPIRE; YATES-SEVEN RIVERS			PERFS
						Open Hole 402-476
			POOL			PERFS
						Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	8	402	25 sxs	10	365 Cal

7 RVRS 305

8 @ 402
TOC @ 365

Queen 915

PLUG
0-476'
150 sxs

TOC @ 365

TD 476

SPUD: 10/08/1941
COMP: 10/17/1941
P&A: 11/18/1976

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-01222																																																															
FORM	DEPTH	OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																																																
7 RVRS 305 Queen 915 Grayburg 1375 San Andres 1660		Plug 50 ex 0-100 Perf 4 1/2 @ 600' SQZ 50 sxs circ to surface fell back 57'' 10" @ 435 TOC ??? Perf @ 485 sqz 40 sxs circ TOC @ 280 8 1/4" @ 948 TOC ??? PERF @ 999 SQZ 40 sxs TAG top of plug @ 780 PLUG 25 sxs 1309-1624 TOC 6 5/8 UNKNOWN SETTING DEPTH 6 5/8 UNKNOWN (Probably top of shot hole) 6 5/8 @ NA TOC @ NA' TD 1638			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">SURF LOC:</td> <td>UL: 0</td> <td>SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">330 FSL</td> <td colspan="2">2310 FEL</td> </tr> <tr> <td colspan="2">BH LOC:</td> <td>UL: 0</td> <td>SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">330 FSL</td> <td colspan="2">2310 FEL</td> </tr> <tr> <td>TD</td> <td>1638</td> <td>PBD</td> <td>KB</td> <td colspan="2">DF</td> </tr> <tr> <td colspan="3"></td> <td>GL</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">POOL</td> <td colspan="2">PERFS</td> </tr> <tr> <td colspan="4">RED LAKE;QU-GB-SA</td> <td colspan="2">Open Hole na-1624</td> </tr> <tr> <td colspan="4">POOL</td> <td colspan="2">PERFS</td> </tr> <tr> <td colspan="4"></td> <td colspan="2">Open Hole</td> </tr> </table>		SURF LOC:		UL: 0	SEC: 35	TWN: 17S	RNG: 27E			330 FSL		2310 FEL		BH LOC:		UL: 0	SEC: 35	TWN: 17S	RNG: 27E			330 FSL		2310 FEL		TD	1638	PBD	KB	DF					GL			POOL				PERFS		RED LAKE;QU-GB-SA				Open Hole na-1624		POOL				PERFS						Open Hole	
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	TD	1638	PBD	KB	DF																																																													
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SPUD: 02/14/1927 COMP: 03/12/1927 P&A: 02/05/2009																																																																		
PREPARED BY: Eddie Seay UPDATED 10/08/12																																																																		

COMPLETION SCHEMATIC	O-A
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PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-36213	
FORM	DEPTH		OPERATOR: TARCO ENERGY LC	
7 RVRS	280		LEASENAME: RUSSELL C	
			WELL NO. 5Y	
			SURF LOC:	UL: O SEC: 35 TWN: 17S RNG: 27E
			1052 FSL 1643 FEL	
			BH LOC:	UL: O SEC: 35 TWN: 17S RNG: 27E
			1052 FSL 1643 FEL	
			TD 530	PBD KB DF
			GL	
			POOL PERFS 442-514	
			EMPIRE; YATES-SEVEN RIVERS Open Hole	
POOL PERFS				
Open Hole				

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	4.5	530	75 sxs	6.75	0' Circ

SPUD: 01/16/2006

COMP: 01/22/2006

PERFS 442-514'

TD 530

Queen

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-37762		
FORM	DEPTH	OPERATOR: TARCO ENERGY LC			
7 RVRS 280 4 1/2 @ 489 TOC @ 0' Queen 845 PERFS 446-486' TD 510'		LEASENAME: RUSSELL C		WELL NO. 7Y	
		SURF LOC:	UL: 0	SEC: 35	TWN: 17S
		445 FSL		1622 FEL	
		BH LOC:	UL: 0	SEC: 35	TWN: 17S
		445 FSL		1622 FEL	
		TD	510	PBD	KB
				GL	DF
		POOL		PERFS 446-486	
		EMPIRE; YATES-SEVEN RIVERS		Open Hole 489-510	
		POOL		PERFS	
		Open Hole			

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	4.5	489	65 sxs	na	0' Circ

SPUD: 11/15/2005

COMP: 01/31/2006

P&A:

PREPARED BY: Eddie Seay UPDATED 10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-00629																																													
FORM	DEPTH		OPERATOR: BP AMERICA PRODUCTION COMPANY																																													
			LEASENAME: RIVERWOLF UNIT			WELL NO. 13																																										
			SURF LOC:	UL: P	SEC: 35	TWN: 17S																																										
			330 FSL			480 FEL																																										
			BH LOC:	UL: P	SEC: 35	TWN: 17S																																										
			330 FSL			480 FEL																																										
			TD	5840	PBD	KB																																										
						DF																																										
						GL																																										
			POOL			PERFS 5750-5804																																										
			EMPIRE; ABO																																													
						Open Hole																																										
			POOL			PERFS																																										
						Open Hole																																										
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PROD	5.5	5840	800 sxs	na	952 Cal																																											
7 RVRS	380		TOC @ 54																																													
Queen	984		TOC 5 1/2 @ 952																																													
		7"																																														
		@ 1295																																														
		TOC 420																																														
Grayburg	1398																																															
San Andres	1730																																															
Glorieta	3100																																															
Abo	5170																																															
		5 1/2 @																																														
		5840																																														
		TOC @ 952'																																														
			PERFS 5750-5804																																													
			TD 5840																																													
			SPUD:		03/09/1960																																											
			COMP:		03/28/1960																																											
			P&A:		01/06/2009																																											
			PREPARED BY:		Eddie Seay																																											
			UPDATED		10/08/12																																											

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00634																																											
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING LP																																											
7 RVRS	380		LEASENAME: SOUTH RED LAKE II UNIT																																											
			WELL NO. 29																																											
		SURF LOC:	UL: P SEC: 35 TWN: 17S RNG: 27E																																											
			330 FSL																																											
		BH LOC:	UL: P SEC: 35 TWN: 17S RNG: 27E																																											
			330 FSL																																											
		TD 1805	PBD KB DF																																											
			GL																																											
		POOL		PERFS																																										
		RED LAKE;QUEEN-GB-SAN ANDRES		Open Hole 1721-1805																																										
POOL		PERFS																																												
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SURF	8.25	948	PULLED	na	na																																									
INT1	7	1543	50 sxs	na	1152 est																																									
PROD	4.5	1721	50 sxs	na	1409 est																																									
SPUD: 03/29/1948 COMP: 05/01/1948																																														
Queen	985		8 1/4" Casing pulled from 948'																																											
			TOC 7 @ 1152																																											
			TOC 4 1/2 @ 1409																																											
Grayburg	1400	7" @ 1543																																												
		TOC 1152																																												
		4 1/2 @ 1721																																												
		TOC @ 1409																																												
San Andres	1730																																													
		TD 1805																																												

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00635																																																	
FORM	DEPTH		OPERATOR: JOE L TARVER																																																	
		LEASENAME: MAGRUDER A		WELL NO. 4																																																
		SURF LOC:	UL: P	SEC: 35	TWN: 17S	RNG: 27E																																														
		332 FSL		990 FEL																																																
		BH LOC:	UL: P	SEC: 35	TWN: 17S	RNG: 27E																																														
		332 FSL		990 FEL																																																
		TD	504	PBD	KB	DF																																														
				GL																																																
		POOL		PERFS																																																
		EMPIRE; YATES-SEVEN RIVERS		Open Hole 453-502																																																
		POOL		PERFS																																																
		Open Hole																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>PROD</td> <td>8</td> <td>471</td> <td>25 8xs</td> <td>na</td> <td>330 est</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	PROD	8	471	25 8xs	na	330 est																														
CASING RECORD																																																				
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																															
PROD	8	471	25 8xs	na	330 est																																															
SPUD: 12/15/1941 COMP: 12/23/1941 P&A: 02/11/1977																																																				
PREPARED BY: Eddie Seay UPDATED 10/08/12																																																				

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00636			
FORM	DEPTH		OPERATOR: PATON BROTHERS			
			LEASENAME: MAGRUDER			WELL NO. 5
			SURF LOC:	UL: P	SEC: 35	TWN: 17S
						RNG: 27E
			990 FSL			970 FEL
			BH LOC:	UL: P	SEC: 35	TWN: 17S
						RNG: 27E
			990 FSL			970 FEL
			TD	502	PBD	KB
						DF
					GL	
			POOL			PERFS
			EMPIRE;YATES-SEVEN RIVERS			
						Open Hole 453-502
			POOL			PERFS
						Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	8.25	453	25 sxs	na	330 est

PLUG 0-450'

TOC @ 330

TD 502

8 @ 453

380 TOC @ 330

7 RVRS

Queen

980

SPUD: 12/15/1941

COMP: 12/23/1941

P&A: 05/14/1948

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-20104																																													
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																													
10 3/4" @ 100 7 RVRS 380 Queen 980 Grayburg 1400 San Andres 1730			LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 41																																											
			SURF LOC:	UL: P	SEC: 35	TWN: 17S																																										
			990 FSL		990 FEL																																											
			BH LOC:	UL: P	SEC: 35	TWN: 17S																																										
			990 FSL		990 FEL																																											
			TD 1630	PBD	KB	DF																																										
					GL																																											
			POOL RED LAKE;QUEEN-GB-SAN ANDRES		PERFS 1679-1688																																											
					Open Hole																																											
			POOL		PERFS																																											
				Open Hole																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <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>10.75</td> <td>100</td> <td>No cmnt</td> <td>17</td> <td>na</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>1712</td> <td>445 sxs</td> <td>7.875</td> <td>0 Circ</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>							CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	10.75	100	No cmnt	17	na	PROD	4.5	1712	445 sxs	7.875	0 Circ																		
CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
SURF	10.75	100	No cmnt	17	na																																											
PROD	4.5	1712	445 sxs	7.875	0 Circ																																											
PLUG 25 sxs @ 700 tag top @ 382 Original TOC 4 1/2 @ 197' sqz 328 sxs circ SPUD: 11/17/1967 COMP: 12/02/1967 P&A: 01/18/2007																																																
			CIBP @ 1600 cap w/ 25 sxs																																													
			PERFS 1679-1688																																													
			4 1/2 @ 1712																																													
			TOC @ 0																																													
			TD 1712																																													

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30749	
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP	
7 RVRS	400		LEASENAME: LOGAN 35 FEDERAL	
			WELL NO. 11	
			SURF LOC: UL: P SEC: 35 TWN: 17S RNG: 27E	
			1310 FSL 400 FEL	
			BH LOC: UL: P SEC: 35 TWN: 17S RNG: 27E	
			1310 FSL 400 FEL	
			TD 3800 PBD KB DF	
			GL	
			POOL RED LAKE;GLORIETA-YESO, NE	
			PERFS 3210-3520	
Open Hole				
POOL RED LAKE;QUEEN-GRAYBURG-SA				
PERFS 2096-2505				
2851-3001				
Open Hole				

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1142	500 sxs	12.25	0' Circ
PROD	5.5	3793	875 sxs	7.875	0' Circ

Queen 992

8 5/8" @ 1142' TOC 0

Grayburg 1400

San Andres 1733

Glorieta 3099

Yeso 3188

5 1/2 @ 3793 TOC @ 0'

TD 3800

PERFS 2096-2505

PERFS 2851-3001

CIBP @ 3000

PERFS 3210-3520

SPUD: 12/08/2000

COMP1: 12/21/2000

COMP2: 07/17/2001

PREPARED BY:	Eddie Seay	UPDATED	10/08/12

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-30750	
FORM	DEPTH		OPERATOR: LIME ROCK RESOURCES II-A, LP	
7 RVRs	320		LEASENAME: LOGAN 35 FEDERAL	
			WELL NO. 1	
			SURF LOC: UL: P SEC: 35 TWN: 17S RNG: 27E	
			580 FSL 1030 FEL	
			BH LOC: UL: P SEC: 35 TWN: 17S RNG: 27E	
			580 FSL 1030 FEL	
			TD 3800 PBD KB DF	
			GL	
			POOL RED LAKE;GLORIETA-YESO, NE	
			PERFS 3216-3334	
Open Hole				
POOL RED LAKE;QUEEN-GRAYBURG-SA				
PERFS 2266-2506				
2796-3002				
Open Hole				

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1145	420 sxs	12.25	0' Circ
PROD	5.5	3798	597 sxs	7.875	0' Circ

Queen 947

8 5/8" @ 1145 TOC 0

Grayburg 1358

San Andres 1678

Glorieta 3030

Yeso 3105

5 1/2" @ 3798 TOC @ 0'

PERFS 2266-2506

PERFS 2796-3002

PERFS 3216-3334

TD 3800

SPUD: 11/30/2000

COMP1: 12/15/2000

COMP2: 08/23/2001

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00662																																											
FORM	DEPTH		OPERATOR: B L & W B ACREY																																											
FILLED HOLE WITH MUD		LEASENAME: STATE WELL NO. 2																																												
		SURF LOC: UL: M SEC: 36 TWN: 17S RNG: 27E		330 FSL 330 FWL																																										
		BH LOC: UL: M SEC: 36 TWN: 17S RNG: 27E		330 FSL 330 FWL																																										
		TD 592 PBD KB GL		DF																																										
		POOL		PERFS																																										
		EMPIRE; YATES-SEVEN RIVERS		Open Hole ???-592																																										
		POOL		PERFS																																										
				Open Hole																																										
			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>PROD</td> <td>5.5</td> <td>na</td> <td>na</td> <td>na</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				SIZE	DEPTH	CMT	HOLE SIZE	TOC	PROD	5.5	na	na	na																														
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
PROD	5.5	na	na	na																																										
7 RVRS	360	PULLED CSNG @ 390'																																												
	5 1/2 @ ??? TOC @ ???'																																													
		TD ???																																												
Queen	845																																													
		SPUD: ???? COMP: ???? P&A: 10/24/1942																																												
		PREPARED BY: Eddie Seay UPDATED 10/08/12																																												

[illegible]

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00718			
FORM	DEPTH		OPERATOR: BRAINARD & GUY			
7 RVRS 330 7 @ 478 TOC @ 0' Queen 845			LEASENAME: STATE		WELL NO. 2	
	SURF LOC:	UL: A	SEC: 35	TWN: 17S	RNG: 27E	
	330 FNL		610 FEL			
	BH LOC:	UL: A	SEC: 35	TWN: 17S	RNG: 27E	
	330 FNL		610 FEL			
	TD 512	PBD	KB	DF		
			GL			
	POOL				PERFS	
	DRY & ABANDONED				Open Hole 478-512	
					PERFS	
POOL				Open Hole		

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	7	478	NA	8	NA

SPUD: 01/10/1942

COMP: 03/18/1942

P&A: 04/09/1942

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00721	
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING, LP	
			LEASENAME: SOUTH RED LAKE II UNIT	
			WELL NO. 12	
			SURF LOC:	UL: A SEC: 2 TWN: 18S RNG: 27E
			330 FNL 990 FEL	
			BH LOC:	UL: A SEC: 2 TWN: 18S RNG: 27E
			330 FNL 990 FEL	
			TD 1707	PBD KB DF
			GL	
			POOL	
			EMPIRE;YATES-SEVEN RIVERS	
			PERFS	
			Open Hole 457-512	
			POOL	
			RED LAKE;QUEEN-GB-SA	
			PERFS	
			Open Hole 1229-1707	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	457	25 sxs	12.25	426 Cal
PROD	7	1707	26 sxs	8	1059 Cal

FORMATION	DEPTH	TOC
7 RVRS	330	
Queen	845	
Grayburg	1278	
San Andres	1596	
Glorieta		
Yeso		

SPUD: 10/21/1941

COMP(1): 11/13/1941

DEEPEN: ?????

COMP(2): ?????

COMPLETION SCHEMATIC		O-A

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00720	
FORM	DEPTH		OPERATOR: BP AMERICA PRODUCTION COMPANY	
			LEASENAME: RIVERWOLF UNIT	
			WELL NO. 4	
			SURF LOC:	UL: B SEC: 2 TWN: 18S RNG: 27E
			990 FNL 1650 FEL	
			BH LOC:	UL: B SEC: 2 TWN: 18S RNG: 27E
			990 FNL 1650 FEL	
			TD 5881	PBD KB DF
			GL	
			POOL	PERFS 5672-5742
			EMPIRE; ABO	
			POOL	PERFS
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	963	425 sxs	11	0' Cir
PROD	5.5	5880	300 sxs	7.875	4504 Cal

FORMATION	DEPTH	COMMENTS
7 RVRS	360	
Queen	800	8 5/8" @ 967 TOC 0
Grayburg	1110	PLUG 30 SXS 805-1100' THEN FILL UP CASING TO SURFACE
San Andres	1715	
Glorieta	3128	PLUG 25 SXS 2525-2275
Abo	5240	PERF @ 3130' SQZ W/ 50 SXS
		TOC 5 1/2 @ 4504
		CIBP @ 5200 CAP W/ 25 sxs cmnt
		CIBP @ 5590 CAP W/ 25 sxs cmnt
		PERFS 5672-5742 SQZ
		5 1/2 @ 5880
		TOC @ 4504'
		TD 5881

DATE	TIME	BY	REVISION
09/02/1959		SPUD:	
10/01/1959		COMP:	
12/12/2008		P&A:	

DATE	TIME	BY	REVISION
10/08/12		PREPARED BY: Eddie Seay	UPDATED

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00737																																											
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING, LP																																												
		LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 38																																										
		SURF LOC: UL: B SEC: 2	TWN: 18S	RNG: 27E																																										
		905 FNL		1610 FEL																																										
		BH LOC: UL: B SEC: 2	TWN: 18S	RNG: 27E																																										
		905 FNL		1610 FEL																																										
		TD 1722	PBD	KB																																										
			GL	DF																																										
		POOL		PERFS																																										
		RED LAKE;QUEEN-GB-SA		Open Hole 1480-1722																																										
		POOL		PERFS																																										
				Open Hole																																										
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CASING RECORD																																														
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
SURF	8.25	976	NONE	na	na																																									
PROD	7	1480	75 sxs	8	837 Cal																																									
7 RVRS	330																																													
Queen	845	TOC @ 837																																												
		8 1/4" @ 976'																																												
Grayburg	1278	7 @ 1480																																												
		TOC @ 837'																																												
San Andres	1596	TD 1707																																												
Glorieta																																														
Yeso																																														
		SPUD: 04/20/1948		COMP: 05/23/1948																																										
		PREPARED BY: Eddie Seay		UPDATED 10/08/12																																										

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00738				
FORM	DEPTH		OPERATOR: CITIES SERVICE OIL CO				
7 RVRS 360 7 @ 412 TOC @ UNK Queen 915			LEASENAME: STATE BZ		WELL NO. 2		
			SURF LOC:	UL: B	SEC: 2	TWN: 18S	RNG: 27E
			990 FNL		2310 FEL		
			BH LOC:	UL: B	SEC: 2	TWN: 18S	RNG: 27E
			990 FNL		2310 FEL		
			TD 440	PBD	KB	DF	
					GL		
			POOL EMPIRE; YATES-SEVEN RIVERS			PERFS	
						Open Hole 412-440	
			POOL			PERFS	
			Open Hole				

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	7	412	NA	NA	UNK

SPUD: 03/16/1944

COMP: 03/29/1944

P&A: 1977

PREPARED BY: Eddie Seay	UPDATED 10/08/12
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COMPLETION SCHEMATIC

O-A

APINUM: 30-015-01211

OPERATOR: LEGACY RESERVES OPERATING, LP

LEASENAME: SOUTH RED LAKE II UNIT

WELL NO.	35
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SURF LOC:	UL: B	SEC: 2	TWN: 18S	RNG: 27E
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	330 FNL	2310 FEL
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BH LOC:	UL: B	SEC: 2	TWN: 18S	RNG: 27E
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	330 FNL	2310 FEL
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TD	NA	PBD	KB	DF
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	GL	
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POOL	PERFS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
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90	90
91	91
92	92
93	93
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95	95
96	96
97	97
98	98
99	99
100	100

RED LAKE:QUEEN-GB-SA

Open Hole 1949-NA

POOL	PERES
------	-------

[illegible]

Open Hole

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	10	446	na	na	426 Cal
PROD1	8.5	1707	na	na	1059 Cal
PROD2	4.5	1515	50 sxs		1350 Cal

SPUD: 11/12/1926

COMP: 01/01/1927

TD ?????

PREPARED BY: Eddie Seay

UPDATED

10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00719	
FORM	DEPTH		OPERATOR: BP AMERICA PRODUCTION COMPANY	
			LEASENAME: RIVERWOLF UNIT WELL NO. 5	
			SURF LOC:	UL: C SEC: 2 TWN: 18S RNG: 27E
			990 FNL 1980 FWL	
			BH LOC:	UL: C SEC: 2 TWN: 18S RNG: 27E
			990 FNL 1980 FWL	
			TD 5765	PBD KB DF
				GL
			POOL EMPIRE;ABO	
			PERFS 5627-5731 SQZ	
			5500-5530 SQZ	
			5253-5443	
			POOL	
			PERFS	
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	963	425 sxs	11	0' Cir
PROD	5.5	5764	300 sxs	7.875	4388 Cal

7 RVRS 360

Queen 895

Grayburg 1190

San Andres 1665

Glorieta 3085

Abo 5240

8 5/8" @ 963 TOC 0

PERF @ 1020' SQZ W/ 255 SXS TAG TOC @ 30' TOPPED OF W/ CMT TO SURFACE

SPUD: 07/05/1959
COMP: 07/30/1959
P&A: 12/23/2008

PERF @ 3060' SQZ W/ 50 SXS

TOC 5 1/2 @ 4388

CIBP @ 5200 CAP W/ 25 sxs cmnt

PERFS 5253-5443

PERFS 5500-5530 SQZ

PERFS 5627-5731 SQZ

5 1/2 @ 5764 TOC @ 4388'

TD 5765

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00736	
FORM	DEPTH		OPERATOR: CITIES SERVICE OIL CO	
7 RVRS 305 7 @ NA TOC @ UNK Queen 915			LEASENAME: STATE BZ SURF LOC: UL: C SEC: 2 TWN: 18S RNG: 27E 990 FNL 2310 FWL BH LOC: UL: C SEC: 2 TWN: 18S RNG: 27E 990 FNL 2310 FWL TD 441 PBD KB DF GL POOL EMPIRE; YATES-SEVEN RIVERS PERFS Open Hole NA-441 POOL PERFS Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	7	illegible	25 sxs	NA	UNK

SPUD: 02/02/1944
 COMP: 03/12/1944
 P&A: 1977

PREPARED BY: Eddie Seay	UPDATED 10/08/12
-------------------------	------------------

COMPLETION SCHEMATIC

OPERATOR: S J OPERATING CO

LEASENAME: SOUTH RED LAKE GB UNIT

WELL NO.	33
----------	----

SURF LOC:	UL: C	SEC: 2	TWN: 18S	RNG: 27E
-----------	-------	--------	----------	----------

	280 FNL	1650 FWL
--	---------	----------

BH LOC:	UL: C	SEC: 2	TWN: 18S	RNG: 27E
---------	-------	--------	----------	----------

	280 FNL	1650 FWL
--	---------	----------

TD	1630	PBD	KB	DF
----	------	-----	----	----

GL	
----	--

POOL	PERFS
------	-------

RED LAKE:QU-GB-SA	Open Hole	1601-1630
-------------------	-----------	-----------

POOL	PERFS
------	-------

Open Hole

7 RVRS

380

Perf 4 1/2 @ 425' SQZ 45 8xs TOC @ 350

10"
@ 435
TOC ???

Perf @ 485 sqz 40 sxs circ TOC @ 280

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	10	448	na	na	na
INT1	8.25	849	na	na	na
PROD	4.5	1601	50 sxs	na	na

No indications in well file of cmnt run on surface & intermediate

SPUD: 11/12/1926

COMP: 01/01/1927

P&A: 01/14/1993

Queen

900

8 1/4"
@ 849
TOC ???

PERF @ 1000 Pump 25 sxs TAG top of plug @ 1000**PLUG 15 sxs 1150-1370**

Grayburg

1370

TOC 4 1/2 UNKNOWN

4 1/2 @
1601
TOC @ NA'

TD 1638

San Andres

1640

PREPARED BY: Eddie Seay

UPDATED

10/08/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	
FORM	DEPTH		
7 RVRS	320		
Queen	910		
		8 5/8" @ 1150' TOC 0	
Grayburg	1346		
San Andres	1656		
		PERFS 2072-2450	
		PERFS 2812-2944	
Glorieta	3049	CIBP @ 3100	
Yeso	3172	PERFS 3198-3459	
		5 1/2 @ 3710 TOC @ 0'	
		TD 3710	

APINUM: 30-015-30406

OPERATOR: LIME ROCK RESOURCES II-A, LP

LEASENAME: LOGAN 2 STATE

WELL NO. 2

SURF LOC: UL: C SEC: 2 TWN: 18S RNG: 27E

990 FNL 1750 FWL

BH LOC: UL: C SEC: 2 TWN: 18S RNG: 27E

990 FNL 1750 FWL

TD 3710 PBD KB DF

GL

POOL RED LAKE; GLORIETA-YESO, NE

PERFS 3198-3459

CIBP @ 3100

Open Hole

POOL RED LAKE; QUEEN-GRAYBURG-SA

PERFS 2072-2450

2812-2944

Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1170	650 sxs	12.25	0' Circ
PROD	5.5	3710	950 sxs	7.875	0' Circ

SPUD: 10/02/1999

COMP1: 10/21/1999

COMP2: 03/19/2000

PREPARED BY: Eddie Seay

UPDATED 10/08/12

COMPLETION SCHEMATIC		O-A	
FORM	DEPTH		
7 RVRS	368		
Queen	909		
Grayburg	1368		
San Andres	1657		
Glorieta	3037		
Yeso	3153		
		8 5/8" @ 1180 TOC 0 5 1/2" @ 3666 TOC @ 0'	

APINUM: 30-015-33111	
OPERATOR: LIME ROCK RESOURCES II-A, LP	
LEASENAME: LOGAN 2 C STATE	WELL NO. 3
SURF LOC: UL: C SEC: 2 TWN: 18S RNG: 27E	
530 FNL	2310 FWL
BH LOC: UL: C SEC: 2 TWN: 18S RNG: 27E	
530 FNL	2310 FWL
TD 3666 PBD KB DF	
GL	
POOL RED LAKE;GLORIETA-YESO, NE	PERFS 3047-3459
	Open Hole
POOL RED LAKE;QUEEN-GRAYBURG-SA	PERFS 2060-2387
	Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	1180	420 sxs	12.25	0' Circ
PROD	5.5	3585	597 sxs	7.875	0' Circ

SPUD: 05/11/2004

COMP1: 05/28/2004

COMP2: 02/26/2010

PERFS 2060-2387	

PERFS 3047-3459	

TD 3666	

PREPARED BY: Eddie Seay		UPDATED: 10/08/12	
-------------------------	--	-------------------	--

SPUD: 05/11/2004
COMP1: 05/28/2004
COMP2: 02/26/2010

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
--------------	------------	---------	----------

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-10623																																											
FORM	DEPTH		OPERATOR: ATLANTIC REFINING CO																																											
7 Rivers	380	Plug 10 sx PERF 549-550 SQZ 100 SXS	LEASENAME: HONDO C STATE WELL NO. 1																																											
			SURF LOC:	UL: D SEC: 2 TWN: 18S RNG: 27E																																										
			330 FNL 990 FWL																																											
			BH LOC:	UL: D SEC: 2 TWN: 18S RNG: 27E																																										
			330 FNL 990 FWL																																											
		TD 8725 PBD KB GL DF																																												
Queen	900		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>POOL</td> <td>PERFS</td> </tr> <tr> <td>RED LAKE;QU-GB-SA</td> <td></td> </tr> <tr> <td>Open Hole</td> <td>1604-1624</td> </tr> </table>		POOL	PERFS	RED LAKE;QU-GB-SA		Open Hole	1604-1624																																				
POOL	PERFS																																													
RED LAKE;QU-GB-SA																																														
Open Hole	1604-1624																																													
		PLUG 40 SXS 860-960																																												
Grayburg	1370																																													
San Andres	1640																																													
		CUT & PULL @ 1734 SPOT 160 SXS PLUG 1304-1765																																												
Glorieta	3040		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">CASING RECORD</th> </tr> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> <tr> <td>SURF</td> <td>8.625</td> <td>938</td> <td>Mudded in</td> <td>na</td> <td>na</td> </tr> <tr> <td>INT1</td> <td>7</td> <td>3700</td> <td>25 sxs</td> <td>8</td> <td>3562 Cal</td> </tr> <tr> <td>PROD</td> <td></td> <td></td> <td></td> <td>6.25</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	8.625	938	Mudded in	na	na	INT1	7	3700	25 sxs	8	3562 Cal	PROD				6.25													
CASING RECORD																																														
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
SURF	8.625	938	Mudded in	na	na																																									
INT1	7	3700	25 sxs	8	3562 Cal																																									
PROD				6.25																																										
		TOC @ 3562																																												
		PLUG 3664-3820 29 sxs																																												
		PLUG 4297-4340 8 sxs																																												
		PLUG 4483-4720 14 sxs																																												
Abo	5100		SPUD: 12/10/1926 COMP: 01/23/1927 DEEPEN: 10/03/1943 P&A: Date unknown																																											
Wolfcamp	6500																																													
		PLUG 8168-8270 19 sxs																																												
		HOLE 6 1/4 TO 8725																																												

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00740			
FORM	DEPTH	OPERATOR: MCQUADRANGLE, LC				
7 RVRS 380 Queen 900 Grayburg 1370 San Andres 1644	CUT & PULL @ 31' PLUG 30 SXS 0-31 PLUG 200 SXS TOP @ 37' CUT & PULL @ 260 TOC 7" @ ???? TOC 4 1/2 @ ??? PLUG 25 SXS TAG @ 1292 TD 1707	LEASENAME: SOUTH RED LAKE GB UNIT			WELL NO. 40	
		SURF LOC:	UL: G	SEC: 2	TWN: 18S	RNG: 27E
		1650 FNL		2197 FEL		
		BH LOC:	UL: G	SEC: 2	TWN: 18S	RNG: 27E
		1650 FNL		2197 FEL		
		TD	1707	PBD	KB	DF
				GL		
		POOL RED LAKE;QUEEN-GB-SAN ANDRES				PERFS
						Open Hole 1644-1707
		POOL				PERFS
				Open Hole		
CASING RECORD						
	SIZE	DEPTH	CMT	HOLE SIZE	TOC	
SURF	7	1542	50 sxs	na	NA	
PROD	4.5	1644	50 sxs	na	NA	
SPUD: 08/08/1927						
COMP: 09/13/1927						
P&A: 01/19/2007						
PREPARED BY: Eddie Seay						
UPDATED 10/08/12						

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
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WELLBORE SCHEMATIC AND HISTORY

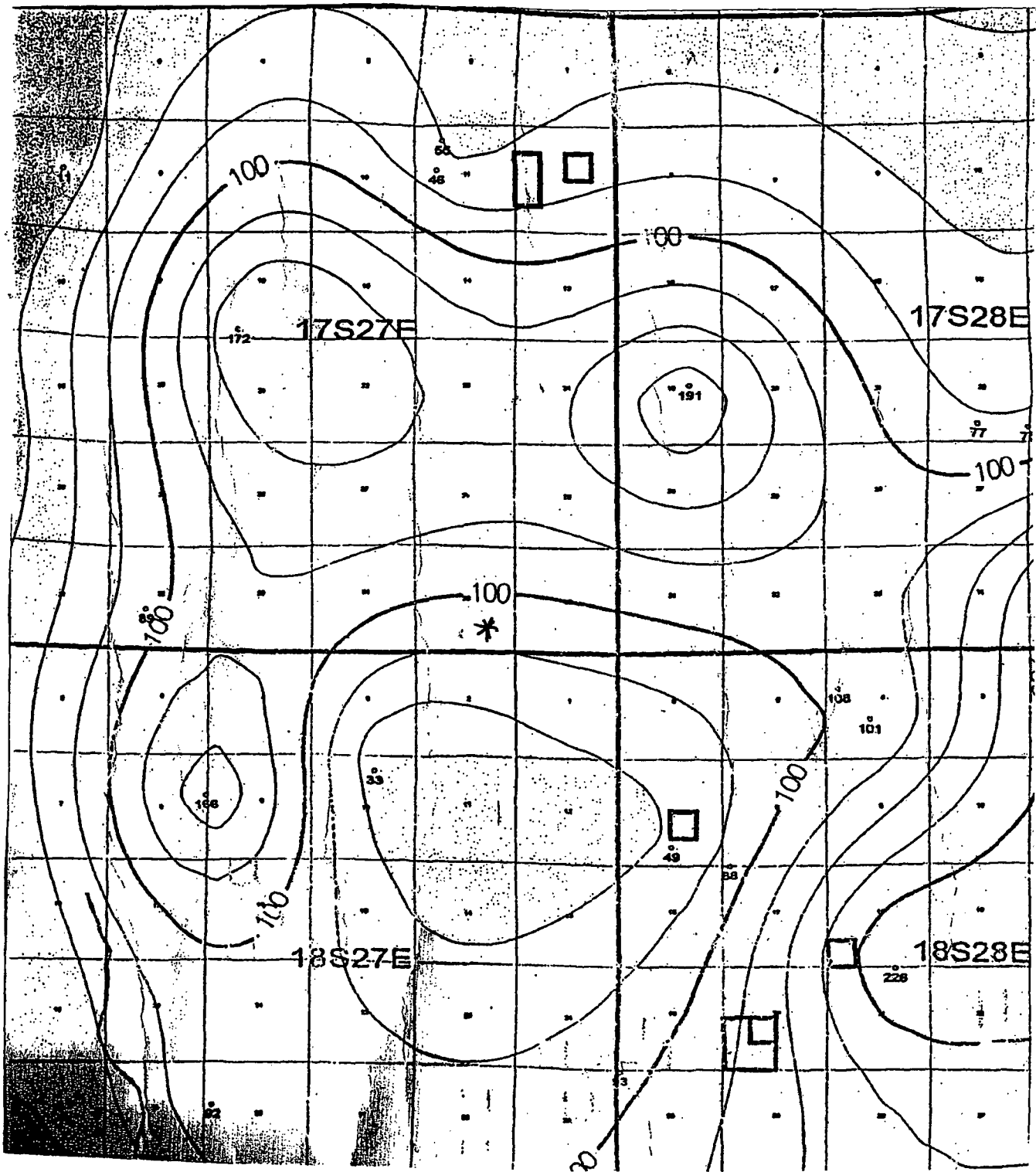
COMPLETION SCHEMATIC		O-A	APINUM: 30-015-39009	
FORM	DEPTH		OPERATOR: APACHE CORP	
			LEASENAME: EMPIRE ABO UNIT	
			WELL NO. 415	
			SURF LOC:	UL: G SEC: 2 TWN: 18S RNG: 27E
			1650 FNL 2430 FEL	
			BH LOC:	UL: G SEC: 2 TWN: 18S RNG: 27E
			1650 FNL 2430 FEL	
			TD 6300	PBD KB DF
				GL
			POOL EMPIRE;ABO	
			PERFS 5386-5700	
			Open Hole	
			POOL	
			PERFS	
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	498	400 sxs	12.25	54 Cal
PROD	5.5	6300	800 sxs	7.875	952 Cal

7 RVRS	381		
Queen	920	8 5/8" @ 498 TOC 0'	
Grayburg	1366		
San Andres	1689		
Glorieta	3089		
Abo	4981		
Abo Reef	5376		
		5 1/2" @ 6300 TOC @ 0'	
			PERFS 5386-5700
			TD 6300

SPUD:	12/07/2011
COMP:	01/17/2012

PREPARED BY:	Eddie Seay	UPDATED	10/08/12
--------------	------------	---------	----------





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

No records found.

Basin/County Search:

County: Eddy

PLSS Search:

Township: 17S Range: 28E

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

4/23/12 12:23 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

Basin/County Search:

County: Eddy

PLSS Search:

Section(s): 35

Township: 17N

Range: 27E

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4/23/12 12:20 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

TARCO ENERGY L.C.

October 15, 2012

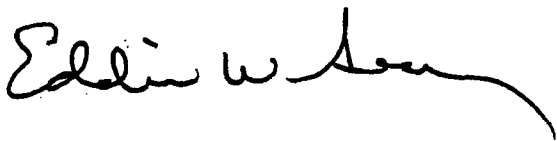
RE: Russell C #3
Unit O, Section 35, Tws. 17 S., Rng. 27 E.
Eddy Co. New Mexico

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", with a long, sweeping underline.

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

LEASE OWNERS AND OFFSETS

SURFACE OWNER & MINERAL INTEREST OWNER

BLM

620 E. Green St.

Carlsbad, NM 88220

OFFSET OPERATORS

McQuadrangle LC

7008 Salem Ave.

Lubbock, TX 79424

BP American Production Co.

Box 22048

Tulsa, OK 74121

Mewbourne Oil Co.

Box 7698

Tyler, TX 75711

Devon Energy Prod. Co. LP

20 N. Broadway, Ste. 1500

Oklahoma City, OK 73102

Occidental Permian LTD

Box 4294, 580 Westlake Park Blvd.

Houston, TX 77210-0494

Freedom Energy LLC

R 649 N. 13th St.

Lake Arthur, NM 88253

Fairway Resources Operating

538 Silcon Dr. Ste. 101

Southlake, TX 76092

Legacy Reserves Operating

Box 10848

Midland, TX 79702

Lime Rock Resources

1111 Bagby St., Ste. 4600

Houston, TX 77002

Apache Corp.

6120 S. Yale, Ste. 1500

Tulsa, OK 74136

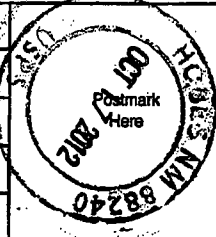
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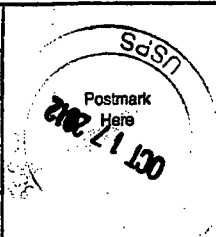
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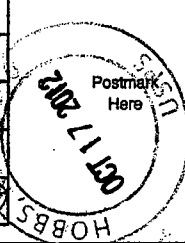
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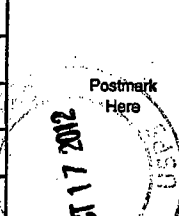
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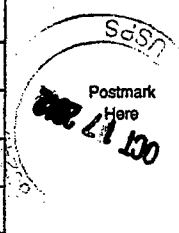
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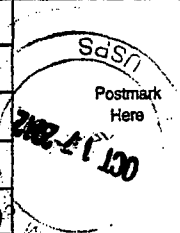
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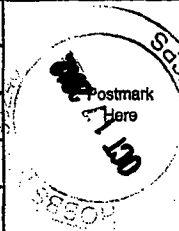
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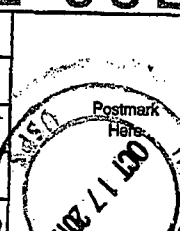
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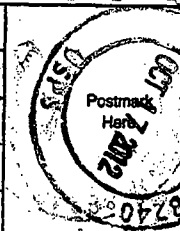
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LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Tarco Energy, L.C., 12403 CR 2300, Lubbock, Texas 79423, is filing a C-108, Application for Pressure Maintenance Injection Well. The well being applied for is a new drilled well, the Russell C-3, located in Unit O, Section 35, Township 17 S., Range 27 E., Eddy Co., NM. The injection formation is the Empire Yates-7 Rivers, which is located from 380' to 540' below surface. Expected maximum injection rate is approximately 1500 bpd., and the expected maximum injection pressure is 76 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.

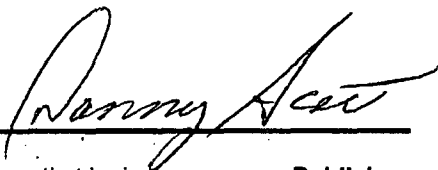
Affidavit of Publication

NO. 22338

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 October 12, 2102

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Subscribed and sworn to before me this

12th day of October 2012



OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2015



Latisha Romine
Notary Public, Eddy County, New Mexico

Copy of Publication:

LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Jarco Energy, L.P. C-12403 CR-2300, Lubbock, Texas 79423, is filing a C-108, Application for Pressure Maintenance Injection Well. The well being applied for is a new drilled well the Russell C-3, located in unit O, Section 35, Township 17 S, Range 27 E, Eddy Co., NM. The injection formation is the Empire Yates-7 Rivers, which is located from 380' to 540' below surface. Expected maximum injection rate is approximately 1500 bpd, and the expected maximum injection pressure is 76 psi or what the OGD 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)476-344, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within fifteen (15) days. Published in the Artesia Daily Press, Artesia, N.M., Oct. 12, 2012, Legal No. 22338.

NMOCD Case No. 14931

Application of Tarco Energy, L.C. for approval of a pressure maintenance project in Eddy County, New Mexico; Applicant seeks approval to institute a lease pressure maintenance project in its Russell C #3 well location 990 FSL, 2225 FEL in Unit O of Section 35, Township 17 South, Range 27 East, N.M.P.M., Eddy County, New Mexico. Applicant intends to inject produced water into the Yates and Seven Rivers formations at a depth 418 feet to 460 feet (perforated).

RECEIVED OGD
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