

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

RECEIVED OCD

2012 AUG 28 P 4: 21

Case No. 14908

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 #10 located in Unit O, 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 #10 well located 660 FNL and 1980 FEL, Unit O, Section 35, Township 17 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, at a depth of 380 feet to 540 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", is written over a rectangular area with a light gray, textured background.

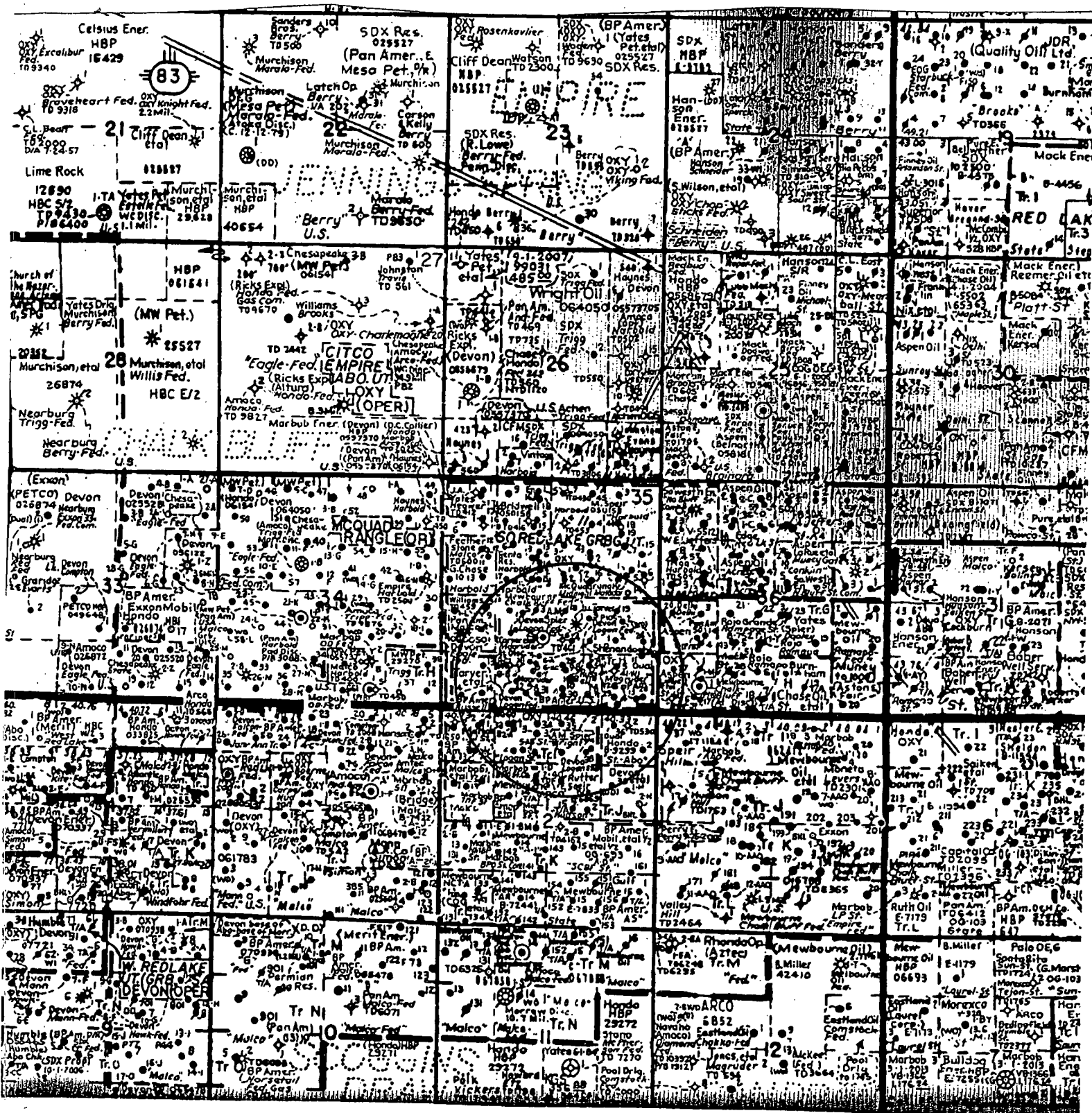
ERNEST L. PADILLA,
Attorney for Tarco Energy, L.C.
PO Box 2523
Santa Fe, New Mexico 87504
505-988-7577

EXHIBIT A

APPLICATION FOR AUTHORIZATION TO INJECT

Case 14908

- I. PURPOSE: Secondary Recovery Pressure Maintenance X 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 X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Joe Tarver TITLE: Owner, President
SIGNATURE: [Signature] DATE: 5/8/2012
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: _____



ATTACHMENT TO APPLICATION C-108

Russell C #10
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 380' to 540'.
 - 3) This will be a new drilled well.
 - 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 380' 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.

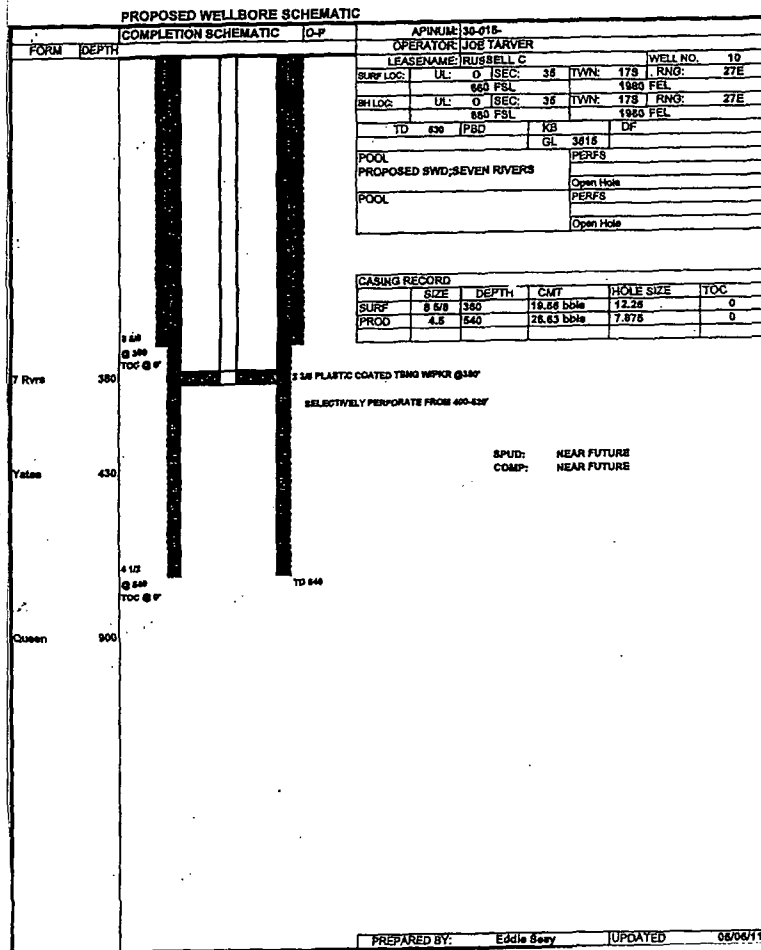
X. LOGS WILL BE SUBMITTED AFTER DRILLING.

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 EnergyWELL NAME & NUMBER: Russell C # 10WELL LOCATION: 660/S 1980/E
FOOTAGE LOCATION0
UNIT LETTER35
SECTION17 S
TOWNSHIP27 E
RANGEWELLBORE SCHEMATICProposedWELL CONSTRUCTION DATASurface CasingHole Size: 12 1/4 Casing Size: 8 5/8Cemented with: 70 7 SX. or _____ ft³Top of Cement: circulate Method Determined: _____Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ SX. or _____ ft³

Top of Cement: _____ Method Determined: _____

Production CasingHole Size: 7 7/8 Casing Size: 4 1/2Cemented with: 100 7 SX. or _____ ft³Top of Cement: to Cme to surface Method Determined: _____Total Depth: 540Injection Interval400 feet to 520

(Perforated) or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 $\frac{3}{8}$ " Lining Material: IPC
Type of Packer: Baker Model D Tension Pkr
Packer Setting Depth: 380'
Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? X Yes No
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Yates & 7 Rivers
3. Name of Field or Pool (if applicable): Empire Yates 7R
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NO

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
The Tansill is at 245'
The Queen is at 900'

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
511 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 22230	Pool Name EMPIRE YATES-7 RIVERS
Property Code	Property Name RUSSELL "C"	Well Number 10
OGRD No. 37594	Operator Name JOE TARVER	Elevation 3609

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	35	17S	27E		660	SOUTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>[Signature]</i> Signature JOE L. TARVER Printed Name PRESIDENT TI Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 5/22/2006 Date Surveyed Signature of Surveyor Professional Surveyor HERSCHEL L. JONES Certification No. 3640 RUSSELL C. JONES GENERAL SURVEYING COMPANY	
	N. 32° 47' 06.8" W. 104° 14' 50.1"	
	3610 3620 3599 3612 1980'	

0 330' 660' 990' 1650' 1980' 2310' 2310' 1 1650' 990' 660' 330' 0'

DRILLING PROGRAM

Russell # 10
Lease # LC-028755A
Sec. 35, T-17-S, R-27-E
Eddy County
Tarco Energy, LC - Operator

1. **Geologic Name of Surface Formation:**

a. Rustler

2. **Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:**

a. Upper Permian Sands	300'	We have not encountered water in this area.
b. Yates	430'	Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by 8 5/8" casing set @ 360' and cement circulated to the surface, and 4 1/2" casing set @ 530' and cement circulated to the surface.

3. **Casing Program:**

<u>Hole Size</u>	<u>Interval</u>	<u>O.D. Casing</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
12 1/4"	0' - 360'	8 5/8"	24#	S/T	J55	1370	2950	139,000
				Safety Factor=		4.57	147	27.11
7 7/8"	0' - 540'	4 1/2"	11.6#	S/T	J55	4960	5350	162,000
				Safety Factor =		15.51	248	26.35

Active and new wells within 1/2 mile of proposed disposal well.

	API WellNo		Type	Dia	Hole Bot	Hole Top	cmnt	cmnt bot	cmnt top			perfs	Dt update
11	30-015-00615	Actual	HOL1	NA	322	0							04/15/2012
12	30-015-00615	Actual	HOL2	NA	425	322							04/15/2012
26	30-015-00615	Actual	PROD	7	322	0	75 sxs	1296	0	TOC @ 0 Cal		OH 322-425	04/15/2012
11	30-015-00623	Actual	HOL1	NA	815	0							04/15/2012
12	30-015-00623	Actual	HOL2	NA	1350	815							04/15/2012
13	30-015-00623	Actual	HOL3	NA	1705	1350							04/15/2012
21	30-015-00623	Actual	SURF	8	0	0				8" casing pulled			04/15/2012
22	30-015-00623	Actual	SURF	7	1350	0	50 sxs	1350	1010	TOC @ 1010 est			04/15/2012
26	30-015-00623	Actual	PROD	4.5	NA	0	NA sxs	NA	NA	Depth 4.5 set @ unknown		OH 1350-1705	04/15/2012
11	30-015-00629	Actual	HOL1	NA	1067	0							04/15/2012
12	30-015-00629	Actual	HOL2	NA	5840	1067							04/15/2012
21	30-015-00629	Actual	SURF	8.625	1067	0	400 sxs	1067	0				04/15/2012
26	30-015-00629	Actual	PROD	5.5	5840	0	800 sxs	5840	0		PERF 5750-5804 CIBP @ 5740'	PERF 5718-5401	04/15/2012
11	30-015-00632	Actual	HOL1	NA	513	0							04/15/2012
12	30-015-00632	Actual	HOL2	NA	2350	513							04/15/2012
21	30-015-00632	Actual	SURF	8.625	513	0	100 sxs	513	0				04/15/2012
26	30-015-00632	Actual	PROD	5.5	2348	0	330 sxs	2348	0		PERF 1590-1617 GRAYBURG	PERF 2140-2152	04/15/2012
11	30-015-00634	Actual	HOL1	NA	948	0							04/15/2012
12	30-015-00634	Actual	HOL2	NA	1543	948							04/15/2012
13	30-015-00634	Actual	HOL3	NA	1805								04/15/2012
21	30-015-00634	Actual	SURF	8.25	0	0				8.25" Pulled			04/15/2012
22	30-015-00634	Actual	SURF	7	1543	0	50 sxs	1543	1152	TOC @ 1152 Cal			04/15/2012
26	30-015-00634	Actual	PROD	4.5	1721	0	50 sxs	1721	1409	TOC @ 1409 Cal		OH 1721-1805	04/15/2012
11	30-015-00637	Actual	HOL1	11	984	0							04/15/2012
12	30-015-00637	Actual	HOL2	7.875	5630	984							04/15/2012
21	30-015-00637	Actual	SURF	8.625	984	0	325 sxs	984	0	Circ cmnt to surface			04/15/2012
26	30-015-00637	Actual	PROD	5.5	5629	0	800 sxs	5630	0	Circ cmnt to surface	PERF 5504-5550 SQZ	PERF 404-444	04/15/2012
11	30-015-00639	Actual	HOL1	12.25	969	0							04/15/2012
12	30-015-00639	Actual	HOL2	7.875	5680	969							04/15/2012
21	30-015-00639	Actual	SURF	8.625	969	0	350 sxs	969	0	Circ cmnt to surface			04/15/2012
26	30-015-00639	Actual	PROD	5.5	5687	0	800 sxs	5687	0	Circ cmnt to surface	PERF 5248-5540, 5550-5600 PLUGGED	PERF 418-458	04/15/2012

11	30-015-00645	Actual	HOL1		713	0											04/15/2012
12	30-015-00645	Actual	HOL2		1217	713											04/15/2012
13	30-015-00645	Actual	HOL3		1630	1217											04/15/2012
21	30-015-00645	Actual	SURF	12.5	713	0	NA		NA	NA							04/15/2012
26	30-015-00645	Actual	PROD	10	1217	0	NA		NA	NA					OH 1217-1623		04/15/2012
11	30-015-27224	Actual	HOL1	17.5	1075	0											04/15/2012
12	30-015-27224	Actual	HOL2	12.25	2650	1075											04/15/2012
12	30-015-27224	Actual	HOL2	8.75	2650	1075											04/15/2012
21	30-015-27224	Actual	SURF	13.375	385	0	600	sxs	385	0	Circ 10 sxs cmnt to surface						04/15/2012
22	30-015-27224	Actual	I1	9.625	2600	0	1100	sxs	2600	0	Circ 50 sxs cmnt to surface						04/15/2012
26	30-015-27224	Actual	PROD	5.5	9963	0	2345	sxs	9963	0	Circ cmnt to surface	DV Tool @ 6656 Stg1: 825 sxs Stg2: 1520 sxs	PERF 6714-7180				04/15/2012
11	30-015-29633	Actual	HOL1	12.25	1171	0											04/15/2012
12	30-015-29633	Actual	HOL2	7.875	2700	1171											04/15/2012
21	30-015-29633	Actual	SURF	8.625	1171	0	650	sxs	1171	0	Circ 125 sxs cmnt to surface						04/15/2012
26	30-015-29633	Actual	PROD	5.5	2699	0	500	sxs	2700	0	Circ 33 sxs cmnt to surface				PERF 1953-2368		04/15/2012
11	30-015-30408	Actual	HOL1	11	1167	0											04/15/2012
12	30-015-30408	Actual	HOL2	7.875	3807	1167											04/15/2012
21	30-015-30408	Actual	SURF	8.625	1126	0	350	sxs	1167	97	TOC @ 97						04/15/2012
26	30-015-30408	Actual	PROD	5.5	3807	0	800	sxs	3807	0	Circ 80 sxs cmnt to surface	PERF 2248-2846 SAN ANDRES	PERF 3148-3360 YESO				04/15/2012
11	30-015-30409	Actual	HOL1	12.25	1150	0											04/15/2012
12	30-015-30409	Actual	HOL2	7.875	3400	1150											04/15/2012
21	30-015-30409	Actual	SURF	8.625	1147	0	650	sxs	1150	0	Circ 100 sxs cmnt to surface						04/15/2012
26	30-015-30409	Actual	PROD	5.5	3397	0	670	sxs	3400	0	Circ 45 sxs cmnt to surface	PERF 2036-2434 SAN ANDRES	PERF 3140-3172 YESO				04/15/2012
11	30-015-30436	Actual	HOL1	12.25	1097	0											04/15/2012
12	30-015-30436	Actual	HOL2	7.875	3725	1097											04/15/2012
21	30-015-30436	Actual	SURF	8.625	1097	0	550	sxs	1097	0	Circ 45 sxs cmnt to surface						04/15/2012
26	30-015-30436	Actual	PROD	5.5	3725	0	745	sxs	3725	0	Circ 45 sxs cmnt to surface	PERF 2096-3001 SAN ANDRES	PERF 3176-3454 YESO				04/15/2012
11	30-015-30437	Actual	HOL1	12.25	1152	0											04/15/2012
12	30-015-30437	Actual	HOL2	7.875	4400	1152											04/15/2012
21	30-015-30437	Actual	SURF	8.625	1152	0	550	sxs	1152	0	Circ 40 sxs cmnt to surface						04/15/2012
26	30-015-30437	Actual	PROD	5.5	4400	0	1030	sxs	4400	0	Circ 30 sxs cmnt to surface	PERF 2004-2828 SAN ANDRES	PERF 3122-3244 YESO				04/15/2012
11	30-015-30438	Actual	HOL1	12.25	1150	0											04/15/2012
12	30-015-30438	Actual	HOL2	7.875	3597	1150											04/15/2012
21	30-015-30438	Actual	SURF	8.625	1135	0	650	sxs	1135	0	Circ 60 sxs cmnt to surface						04/15/2012

26	30-015-30438	Actual	PROD	5.5	3596	0	702	sxs	3596	0	Circ 45 sxs cmnt to surface	PERF 2134-2759 SAN ANDRES	PERF 3075-3288 YESO	04/15/2012
11	30-015-30439	Actual	HOL1	11	1150	0								04/15/2012
12	30-015-30439	Actual	HOL2	7.875	3800	1150								04/15/2012
21	30-015-30439	Actual	SURF	8.625	1144	0	500	sxs	1144	0	Circ 61 sxs cmnt to surface			04/15/2012
26	30-015-30439	Actual	PROD	5.5	3797	0	900	sxs	3800	0	Circ 70 sxs cmnt to surface	PERF 2016-2798 SAN ANDRES	PERF 3123-3356 YESO	04/15/2012
11	30-015-30440	Actual	HOL1	12.25	1150	0								04/15/2012
12	30-015-30440	Actual	HOL2	7.875	3710	1150								04/15/2012
21	30-015-30440	Actual	SURF	8.625	1150	0	650	sxs	1150	0	Circ 80 sxs cmnt to surface			04/15/2012
26	30-015-30440	Actual	PROD	5.5	3710	0	825	sxs	3710	0	Circ 134 sxs cmnt to surface	PERF 2024-2952 SAN ANDRES	PERF 3126-3262 YESO	04/15/2012
11	30-015-30475	Actual	HOL1	12.25	1150	0								04/15/2012
12	30-015-30475	Actual	HOL2	7.875	3800	1150								04/15/2012
21	30-015-30475	Actual	SURF	8.625	1142	0	650	sxs	1142	0	Circ 90 sxs cmnt to surface			04/15/2012
26	30-015-30475	Actual	PROD	5.5	3795	0	875	sxs	3795	0	Circ 90 sxs cmnt to surface	PERF 1989-2922 SAN ANDRES	PERF 3061-3274 ABND	04/15/2012
11	30-015-30735	Actual	HOL1	12.25	1150	0								04/15/2012
12	30-015-30735	Actual	HOL2	7.875	3800	1150								04/15/2012
21	30-015-30735	Actual	SURF	8.625	1141	0	500	sxs	1141	0	Circ 60 sxs cmnt to surface			04/15/2012
26	30-015-30735	Actual	PROD	5.5	3795	0	700	sxs	3795	600	TOC @ 600 Cal	PERF 1986-2786 SAN ANDRES	PERF 3092-3290 YESO	04/15/2012
11	30-015-30749	Actual	HOL1	12.25	1150	0								04/15/2012
12	30-015-30749	Actual	HOL2	7.875	3800	1150								04/15/2012
21	30-015-30749	Actual	SURF	8.625	1142	0	500	sxs	1150	0	Circ 60 sxs cmnt to surface			04/15/2012
26	30-015-30749	Actual	PROD	5.5	3793	0	875	sxs	38000	0	Circ 40 sxs cmnt to surface	PERF 2096-3001 SAN ANDRES	PERF 3210-3520 YESO	04/15/2012
11	30-015-30750	Actual	HOL1	12.25	1145	0								04/15/2012
12	30-015-30750	Actual	HOL2	7.875	3800	1145								04/15/2012
21	30-015-30750	Actual	SURF	8.625	1145	0	500	sxs	1145	0	Circ cmnt to surface			03/07/2002
26	30-015-30750	Actual	PROD	5.5	3798	0	875	sxs	3800	0	Circ 52 sxs cmnt to surface	PERF 2266-3002 SAN ANDRES	PERF 3216-3334 YESO	03/07/2002
11	30-015-32861	Actual	HOL1	12.25	498	0								04/15/2012
12	30-015-32861	Actual	HOL2	7.875	2443	498								04/15/2012
21	30-015-32861	Actual	SURF	8.625	498	0	200	sxs	498	0	Circ cmnt to surface			04/15/2012
26	30-015-32861	Actual	PROD	5.5	2440	0	725	sxs	2443	0	Circ cmnt to surface		PERF 2213-2344 SA	04/15/2012
11	30-015-33010	Actual	HOL1	12.25	326	0								04/15/2012
12	30-015-33010	Actual	HOL2	7.875	3500	326								04/15/2012
21	30-015-33010	Actual	SURF	8.625	312	0	330	sxs	312	0	Circ 68 sxs cmnt to surface			04/15/2012
26	30-015-33010	Actual	PROD	5.5	3500	0	800	sxs	3500	0	Circ 85 sxs cmnt to surface		PERF 3022-3368 YESO	04/15/2012

11	30-015-35619	Actual	HOL1	12.25	350	0								04/15/2012
12	30-015-35619	Actual	HOL2	7.875	2520	350								04/15/2012
21	30-015-35619	Actual	SURF	8.625	350	0	250	sxs	350	0	Circ cmnt to surface			04/15/2012
26	30-015-35619	Actual	PROD	5.5	2520	0	450	sxs	2520	0	Circ cmnt to surface		PERF 1959-2370 SA	04/15/2012
11	30-015-36073	Actual	HOL1	7.875	520	0								04/15/2012
26	30-015-36073	Actual	PROD	4.5	520	0	92	sxs	520	0	Circ cmnt to surface		PERF 403-442	04/15/2012
11	30-015-36081	Actual	HOL1	11	1180	0								04/15/2012
12	30-015-36081	Actual	HOL2	7.875	3585	1180								04/15/2012
21	30-015-36081	Actual	SURF	8.625	1180	0	420	sxs	1180	0	Circ cmnt to surface			04/15/2012
26	30-015-36081	Actual	PROD	5.5	3585	0	597	sxs	3585	0	Circ cmnt to surface	PERF 3041-3453 YESO ABND	PERF 2056-2345 SA	04/15/2012
11	30-015-36213	Actual	HOL1	6.75	530	0								04/15/2012
26	30-015-36213	Actual	PROD	4.5	530	0	92	sxs	530	0	Circ cmnt to surface		PERF 442-514	04/15/2012
11	30-015-37744	Actual	HOL1	12.25	380	0								04/15/2012
12	30-015-37744	Actual	HOL2	7.875	540	380								04/15/2012
21	30-015-37744	Actual	SURF	8.625	380	0	70	sxs	380	0	Circ cmnt to surface			04/15/2012
26	30-015-37744	Actual	PROD	4.5	540	0	95	sxs	540	0	Circ cmnt to surface		PERF 446-487 YATES	04/15/2012
11	30-015-37746	Actual	HOL1	11	380	0								04/15/2012
12	30-015-37746	Actual	HOL2	7.875	540	380								04/15/2012
21	30-015-37746	Actual	SURF	8.625	300	0	70	sxs	300	0	Circ cmnt to surface			04/15/2012
26	30-015-37746	Actual	PROD	4.5	540	0	95	sxs	540	0	Circ cmnt to surface		PERF 421-461 YATES	04/15/2012
11	30-015-37762	Actual	HOL1	6.75	510	0								04/15/2012
26	30-015-37762	Actual	PROD	4.5	489	0	80	sxs	489	0				04/15/2012
11	30-015-37737	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37737	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37737	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37737	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37738	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37738	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37738	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37738	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37739	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37739	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37739	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37739	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012

11	30-015-37740	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37740	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37740	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37740	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37741	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37741	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37741	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37741	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37742	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37742	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37742	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37742	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37743	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37743	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37743	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37743	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37745	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37745	Proposed	HOL2	7.875	530	380								04/15/2012
21	30-015-37745	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37745	Proposed	PROD	4.5	530	0	27	bbls	530	0				04/15/2012
11	30-015-37747	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37747	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37747	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37747	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-37783	Proposed	HOL1	11	380	0								04/15/2012
12	30-015-37783	Proposed	HOL2	7.875	540	380								04/15/2012
21	30-015-37783	Proposed	SURF	8.625	380	0	20	bbls	380	0				04/15/2012
26	30-015-37783	Proposed	PROD	4.5	540	0	27	bbls	540	0				04/15/2012
11	30-015-00681	Actual	HOL1	8	1240	0								04/15/2012
12	30-015-00681	Actual	HOL2	NA	1762	1240								04/15/2012
21	30-015-00681	Actual	SURF	7	1240	0	50	sxs	1240	849	TOC @ 849 Cal	TA CIBP @ 1200'	OH 1240-1762 SA	04/15/2012
11	30-015-21623	Actual	HOL1	7.875	1366	0								04/15/2012
26	30-015-21623	Actual	PROD	5.5	1355	0	450	sxs	1366	0	Circ cmnt to surface			04/15/2012

11	30-015-00715	Actual	HOL1	8	1510	0									04/15/2012
12	30-015-00715	Actual	HOL2	NA	1835	1510									04/15/2012
21	30-015-00715	Actual	SURF	7	1510	0	50	sxs	1510	1110	TOC @ 1110 Cal		OH 1510-1835 SA		04/15/2012
11	30-015-00721	Actual	HOL1	12.5	713	0									04/15/2012
12	30-015-00721	Actual	HOL2	NA	1217	713									04/15/2012
13	30-015-00721	Actual	HOL3	NA	1707	1217									04/15/2012
21	30-015-00721	Actual	SURF	8.625	457	270	25	sxs	457	400	TOC @ 400 CAL				04/15/2012
26	30-015-00721	Actual	PROD	7	1229	0	25	sxs	1229	950	TOC @ 950 CAL		OH 1229-1707		04/15/2012
11	30-015-00724	Actual	HOL1	NA	976	0									04/15/2012
12	30-015-00724	Actual	HOL2	NA	5920	976									04/15/2012
21	30-015-00724	Actual	SURF	8.625	976	0	300	sxs	976	0	Circ cmnt to surface				04/15/2012
26	30-015-00724	Actual	PROD	5.5	5920	0	300	sxs	5920	4350	TOC @ 4350 EST	CIBP @ 5580 PERF 5773-5872	PERF 5444-5514		04/15/2012
11	30-015-00725	Actual	HOL1	NA	NA	0									04/15/2012
12	30-015-00725	Actual	HOL2	NA	NA	NA									04/15/2012
13	30-015-00725	Actual	HOL3	NA	NA	NA									04/15/2012
21	30-015-00725	Actual	SURF	NA	NA	NA	NA		NA	NA		WELL FILE INCOMPLETE			04/15/2012
26	30-015-00725	Actual	PROD	NA	NA	NA	NA		NA	NA		CSNG SIZE, DEPTH & CMNT UNKNOWN	NA		04/15/2012
11	30-015-00737	Actual	HOL1	8	1480	0									04/15/2012
12	30-015-00737	Actual	HOL2	NA	1723	1480									04/15/2012
26	30-015-00737	Actual	PROD	7	1480	0	75	sxs	1480	823	TOC @ 837 CAL		OH 1480-1723 SA		04/15/2012
11	30-015-01211	Actual	HOL1	NA	445	0									04/15/2012
12	30-015-01211	Actual	HOL2	NA	949	445									04/15/2012
13	30-015-01211	Actual	HOL3	NA	1653	949									04/15/2012
21	30-015-01211	Actual	SURF	10	445	0	NA	NA	NA	NA	TOC UNKNOWN				04/15/2012
22	30-015-01211	Actual	H1	8.25	949	0	NA	NA			TOC UNKNOWN				04/15/2012
26	30-015-01211	Actual	PROD	4.5	1615	0	50	sxs	1615	NA	TOC UNKNOWN		OH 1615-1653		04/15/2012
11	30-015-30406	Actual	HOL1	12.25	1170	0									04/15/2012
12	30-015-30406	Actual	HOL2	7.875	3710	1170									04/15/2012
21	30-015-30406	Actual	SURF	8.625	1170	0	650	sxs	1170	0	Circ cmnt to surface				04/15/2012
26	30-015-30406	Actual	PROD	5.5	3710	0	950	sxs	3710	0	Circ cmnt to surface	PERF 2072-2450, 2812-2944 SA	PERF 3198-3459 Yeso		04/15/2012
11	30-015-32179	Actual	HOL1	12.25	353	0									04/15/2012
12	30-015-32179	Actual	HOL2	7.875	3924	353									04/15/2012
21	30-015-32179	Actual	SURF	8.625	353	0	350	sxs	353	0	Circ cmnt to surface				04/15/2012
26	30-015-32179	Actual	PROD	5.5	3924	0	725	sxs	3924	0	Circ cmnt to surface	PERF 2034-2664, 2797-2846 SA	PERF 3162-3454 Yeso		04/15/2012

11	30-015-32900	Actual	HOL1	12.25	359	0								04/15/2012
12	30-015-32900	Actual	HOL2	7.875	4000	359								04/15/2012
21	30-015-32900	Actual	SURF	8.625	359	0	300	sxs	359	0	Circ cmnt to surface			04/15/2012
26	30-015-32900	Actual	PROD	5.5	3980	0	948	sxs	4000	0	Circ cmnt to surface	PERF 2024-2551, 2632-2933 SA	PERF 3162-3454 Yeso	04/15/2012
11	30-015-33111	Actual	HOL1	12.25	470	0								04/15/2012
12	30-015-00645	Actual	HOL2	7.875	3666	470								04/15/2012
21	30-015-00645	Actual	SURF	8.625	470	0	300	sxs	470	0	Circ cmnt to surface			04/15/2012
26	30-015-00645	Actual	PROD	5.5	3666	0	948	sxs	3666	0	Circ cmnt to surface	PERF 2060-2387 SA	PERF 3047-3459 Yeso	04/15/2012

List of all wells within 1/2 mile of proposed SWD well.

DISPOSAL WELL

30-015- RUSSELL C

10 JOE L TARVER

O 35 17 S 27 E 660 S 1980 E

API #	PROPERTY NAME	#	OPERATOR	TD	TY	STATUS	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distan
30-015-00615	HARBOLD FEDERAL	3	FREEDOM ENERGY	425	O	A	F	F	35	17 S	27 E	2310 N	2310 W	2513
30-015-00616	SOUTH RED LAKE GRAYBURG UNIT	16	MCQUADRANGLE, LC	1618	O	P&A	F	F	35	17 S	27 E	2310 N	2316 W	2510
30-015-00619	SOUTH RED LAKE II UNIT	15	FAIRWAY RESOURCES OP LLC	2250	O	P&A	F	G	35	17 S	27 E	2305 S	1664 E	1675
30-015-00622	SOUTH RED LAKE II UNIT	24	FAIRWAY RESOURCES OP LLC	1741	O	P&A	F	I	35	17 S	27 E	1650 S	330 E	1924
30-015-00623	SOUTH RED LAKE II UNIT	19	LEGACY RESERVES OP LLC	1705	I	A	F	I	35	17 S	27 E	2310 S	990 E	1924
30-015-00624	MAGRUDER A	2	CITIES SERVICE OIL CO	511	O	P&A	F	I	35	17 S	27 E	1650 S	990 E	1400
30-015-00625	MAGRUDER A	1	JOE L TARVER	456	O	P&A	F	J	35	17 S	27 E	1650 S	1650 E	1043
30-015-00626	PRE-ONGARD WELL	6	PRE-ONGARD WELL OPERATOR	UNK	O	P&A	F	J	35	17 S	27 E	1650 S	2310 E	1043
30-015-00627	SOUTH RED LAKE GRAYBURG UNIT	18	MCQUADRANGLE, LC	1665	I	P&A	F	J	35	17 S	27 E	2304 S	2310 E	1676
30-015-00628	MAGRUDER C	15	CITIES SERVICE OIL CO	9900	O	P&A	F	K	35	17 S	27 E	1650 S	2310 W	1400
30-015-00629	RIVERWOLF UNIT	13	TARCO ENERGY, LC	5840	O	A	F	P	35	17 S	27 E	330 S	480 E	1535
30-015-00630	SOUTH RED LAKE II UNIT	17	FAIRWAY RESOURCES OP LLC	1694	I	P&A	F	K	35	17 S	27 E	2263 S	1650 W	2300
30-015-00631	MAGRUDER A	3	JOE L TARVER	441	O	P&A	F	K	35	17 S	27 E	2310 S	2310 W	1924
30-015-00632	SOUTH RED LAKE II UNIT	25	LEGACY RESERVES OP LLC	2350	O	A	F	K	35	17 S	27 E	1703 S	2310 W	1438
30-015-00633	RIVERWOLF UNIT	14	BP AMERICA PRODUCTION CO	5702	O	P&A	F	M	35	17 S	27 E	330 S	990 W	2333
30-015-00634	SOUTH RED LAKE II UNIT	29	LEGACY RESERVES OP LLC	1805	I	A	F	P	35	17 S	27 E	330 S	330 E	1682
30-015-00635	MAGRUDER A	4	JOE L TARVER	504	O	P&A	F	P	35	17 S	27 E	330 S	990 E	1043
30-015-00636	MAGRUDER	5	PATON BROTHERS	502	O	P&A	F	P	35	17 S	27 E	990 S	970 E	1062
30-015-00637	RIVERWOLF UNIT	9	TARCO ENERGY, LC	5630	O	A	F	N	35	17 S	27 E	330 S	1900 W	1438
30-015-00638	RUSSELL C	6	TARCO ENERGY, LC	431	O	P&A	F	N	35	17 S	27 E	990 S	2310 W	1043
30-015-00639	RUSSELL C	9	TARCO ENERGY, LC	5680	O	A	F	O	35	17 S	27 E	410 S	2235 E	357
30-015-00640	PRE-ONGARD WELL	8	PRE-ONGARD WELL OPERATOR	UNK	O	P&A	F	O	35	17 S	27 E	450 S	1650 E	391
30-015-00641	RUSSELL C	7	TARCO ENERGY, LC	477	O	P&A	F	O	35	17 S	27 E	330 S	1650 E	466
30-015-00642	RUSSELL C	5	JOE L TARVER	461	O	P&A	F	O	35	17 S	27 E	990 S	1650 E	466
30-015-00643	SOUTH RED LAKE II UNIT	26	FAIRWAY RESOURCES OP LLC	1624	O	P&A	F	O	35	17 S	27 E	990 S	2310 E	466
30-015-00644	SOUTH RED LAKE II UNIT	31	FAIRWAY RESOURCES OP LLC	1623	O	P&A	F	N	35	17 S	27 E	330 S	2310 W	1043
30-015-00645	SOUTH RED LAKE II UNIT	32	LEGACY RESERVES OP LLC	1630	O	A	F	N	35	17 S	27 E	330 S	1650 W	1682
30-015-01222	SOUTH RED LAKE II UNIT	30	FAIRWAY RESOURCES OP LLC	1638	O	P&A	F	O	35	17 S	27 E	330 S	2310 E	466
30-015-01225	EARRENTOS	2	GEORGE WILLIAMS	446	O	P&A	F	G	35	17 S	27 E	2310 N	2310 E	2333
30-015-01228	FEDERAL 35	4	RANDOLPH J JOHNSTON	457		P&A	F	H	35	17 S	27 E	2310 N	990 E	2513
30-015-20104	SOUTH RED LAKE II UNIT	41	FAIRWAY RESOURCES OP LLC	1712	I	P&A	F	P	35	17 S	27 E	990 S	990 E	1043

30-015-20105	SOUTH RED LAKE GRAYBURG UNIT	42	S & J OPERATING CO	1626	O	P&A	F	N	35	17	S	27	E	990	S	1650	W	1682
30-015-21358	RIVERWOLF UNIT	11	BP AMERICA PRODUCTION CO	5600	I	P&A	F	N	35	17	S	27	E	990	S	1880	W	1457
30-015-27224	CHALK BLUFF 35 FED	1	MEWBOURNE OIL CO	9963	G	A	F	J	35	17	S	27	E	1980	S	1980	E	1320
30-015-29633	EAGLE 35 L FEDERAL	2	LIME ROCK RESOURCES II-A LP	2700	O	A	F	L	35	17	S	27	E	1820	S	960	W	2611
30-015-30407	LOGAN 35 FEDERAL	1	DEVON ENERGY PRODUCTION CO, LP	0		ABND L	F	I	35	17	S	27	E	2310	S	480	E	2229
30-015-30408	LOGAN 35 FEDERAL	3	LIME ROCK RESOURCES II-A LP	3807	O	A	F	J	35	17	S	27	E	2210	S	1650	E	1584
30-015-30409	LOGAN 35 B FEDERAL	9	LIME ROCK RESOURCES II-A LP	3397	O	A	F	O	35	17	S	27	E	990	S	2100	E	351
30-015-30436	LOGAN 35 FEDERAL	2	LIME ROCK RESOURCES II-A LP	3807	O	A	F	I	35	17	S	27	E	2100	S	840	E	1836
30-015-30437	LOGAN 35 FEDERAL	4	LIME ROCK RESOURCES II-A LP	4400	O	A	F	J	35	17	S	27	E	1650	S	2050	E	992
30-015-30438	LOGAN 35 FEDERAL	6	LIME ROCK RESOURCES II-A LP	3597	O	A	F	K	35	17	S	27	E	1750	S	1680	W	1952
30-015-30439	LOGAN 35 B FEDERAL	7	LIME ROCK RESOURCES II-A LP	3800	O	A	F	N	35	17	S	27	E	1090	S	2120	W	1255
30-015-30440	LOGAN 35 B FEDERAL	8	LIME ROCK RESOURCES II-A LP	3710	O	A	F	N	35	17	S	27	E	650	S	1800	W	1500
30-015-30466	LOGAN 35 B FEDERAL	10	DEVON ENERGY PRODUCTION CO, LP	0		ABND L	F	O	35	17	S	27	E	650	S	2410	E	430
30-015-30475	LOGAN 35 FEDERAL	5	LIME ROCK RESOURCES II-A LP	3800	O	A	F	K	35	17	S	27	E	2210	S	1950	W	2055
30-015-30735	LOGAN 35 FEDERAL	13	LIME ROCK RESOURCES II-A LP	3700	O	A	F	M	35	17	S	27	E	990	S	990	W	2333
30-015-30749	LOGAN 35 FEDERAL	11	LIME ROCK RESOURCES II-A LP	3800	O	A	F	P	35	17	S	27	E	1310	S	400	E	1708
30-015-30750	LOGAN 35 FEDERAL	12	LIME ROCK RESOURCES II-A LP	3800	O	A	F	P	35	17	S	27	E	580	S	1030	E	953
30-015-32861	MIDNIGHT MATADOR	1	LEGACY RESERVES OP LLC	2443	O	A	F	H	35	17	S	27	E	2300	N	990	E	2522
30-015-33010	EAGLE 35 H FEDERAL	14	LIME ROCK RESOURCES II-A LP	3500	O	A	F	H	35	17	S	27	E	2560	N	760	E	2394
30-015-33351	MIDNIGHT MATADOR	1	MCQUADRANGLE, LC	0		ABND L	F	G	35	17	S	27	E	2155	N	1650	E	2486
30-015-35619	MIDNIGHT MATADOR A	2	LEGACY RESERVES OP LLC	2505	O	A	F	G	35	17	S	27	E	2310	N	1700	E	2326
30-015-36073	RUSSELL C	6X	TARCO ENERGY, LC	530	O	A	F	N	35	17	S	27	E	999	S	2297	W	1058
30-015-36081	LOGAN 35 FEDERAL	1	LIME ROCK RESOURCES II-A LP	3585	O	A	F	I	35	17	S	27	E	1520	S	1280	E	1108
30-015-36213	RUSSELL C	5Y	TARCO ENERGY, LC	530	O	A	F	O	35	17	S	27	E	1052	S	1643	E	516
30-015-37737	MAGRUDER	12	TARCO ENERGY, LC	0	O	N	F	P	35	17	S	27	E	986	S	350	E	1662
30-015-37738	MAGRUDER	13	TARCO ENERGY, LC	0	O	N	F	I	35	17	S	27	E	1687	S	330	E	1943
30-015-37739	MAGRUDER	14	TARCO ENERGY, LC	0	O	N	F	I	35	17	S	27	E	2308	S	330	E	2332
30-015-37740	MAGRUDER	15	TARCO ENERGY, LC	0	O	N	F	P	35	17	S	27	E	289	S	921	E	1122
30-015-37741	MAGRUDER	16	TARCO ENERGY, LC	0	O	N	F	P	35	17	S	27	E	965	S	970	E	1055
30-015-37742	MAGRUDER	17	TARCO ENERGY, LC	0	O	N	F	I	35	17	S	27	E	1653	S	990	E	1402
30-015-37743	MAGRUDER	18	TARCO ENERGY, LC	0	O	N	F	I	35	17	S	27	E	2308	S	1034	E	1900
30-015-37744	MAGRUDER	19	TARCO ENERGY, LC	540	O	A	F	I	35	17	S	27	E	1610	S	1645	E	1007
30-015-37745	MAGRUDER	20	TARCO ENERGY, LC	0	O	N	F	J	35	17	S	27	E	2319	S	1652	E	1691
30-015-37746	MAGRUDER	21	TARCO ENERGY, LC	540	O	A	F	J	35	17	S	27	E	1624	S	2306	E	1017
30-015-37747	MAGRUDER	22	TARCO ENERGY, LC	0	O	N	F	J	35	17	S	27	E	2275	S	2244	E	1636
30-015-37762	RUSSELL C	7Y	TARCO ENERGY, LC	510	O	A	F	O	35	17	S	27	E	445	S	1622	E	417
30-015-37783	RUSSELL C	3	TARCO ENERGY, LC	0	O	N	F	O	35	17	S	27	E	990	S	2225	E	411

30-015-33765	OPL EAGLE 35 FEDERAL	1	OCCIDENTAL PERMIAN LTD	3600	O	A	F	G	35	17	S	27	E	2210	N	2310	E	2432
30-015-00662	STATE	2	B L & W B ACREY	592	O	P&A	S	M	36	17	S	27	E	330	S	330	W	2333
30-015-00681	SOUTH RED LAKE II UNIT	27	LEGACY RESERVES OP LLC	1762	O	TA	S	M	36	17	S	27	E	990	S	330	W	2333
30-015-21623	STATE	7	GEORGE A CHASE	1366	O	A	S	M	36	17	S	27	E	360	S	455	W	2453
30-015-39322	BIG BOY STATE	3	COG OPERATING LLC		O	A	S	M	36	17	S	27	E	840	S	425	W	2411
30-015-00701	PRE-ONGARD WELL	1	PRE-ONGARD WELL OPERATOR	UNK	O	P&A	F	D	1	18	S	27	E	330	N	330	W	2513
30-015-00715	SOUTH RED LAKE II UNIT	37	LEGACY RESERVES OP LLC	1835	I	A	F	D	1	18	S	27	E	330	N	330	W	2513
30-015-00719	RIVERWOLF UNIT	5	BP AMERICA PRODUCTION CO	5765	O	P&A	S	C	2	18	S	27	E	990	N	1980	W	2113
30-015-00720	RIVERWOLF UNIT	4	BP AMERICA PRODUCTION CO	5881	O	P&A	S	B	2	18	S	27	E	990	N	1650	E	1682
30-015-00721	SOUTH RED LAKE II UNIT	36	LEGACY RESERVES OP LLC	1707	O	A	S	A	2	18	S	27	E	330	N	990	E	1400
30-015-00724	EMPIRE ABO UNIT	16B	APACHE CORP	5920	O	A	S	A	2	18	S	27	E	990	N	330	E	2333
30-015-00725	SOUTH RED LAKE II UNIT	34	LEGACY RESERVES OP LLC	UNK	O	A	S	C	2	18	S	27	E	330	N	2310	W	1400
30-015-00728	HUDSON D STATE	1	ARCO OIL & GAS CO	440	O	P&A	S	F	2	18	S	27	E	1650	N	2310	W	2513
30-015-00736	STATE BZ	4	CITIES SERVICE OIL CO	441	O	P&A	S	C	2	18	S	27	E	990	N	2310	W	1924
30-015-00737	SOUTH RED LAKE II UNIT	38	LEGACY RESERVES OP LLC	1723	O	A	S	B	2	18	S	27	E	905	N	1610	E	1608
30-015-00738	PRE-ONGARD WELL	2	PRE-ONGARD WELL OPERATOR	440	O	P&A	S	B	2	18	S	27	E	990	N	2310	E	1682
30-015-00740	SOUTH RED LAKE GRAYBURG UNIT	40	MCQUADRANGLE, LC	1707	I	P&A	S	G	2	18	S	27	E	1650	N	2197	E	2320
30-015-00742	SOUTH RED LAKE GRAYBURG UNIT	39	S & J OPERATING CO	1742	O	P&A	S	H	2	18	S	27	E	1650	N	990	E	2513
30-015-01211	SOUTH RED LAKE II UNIT	35	LEGACY RESERVES OP LLC	1653	I	A	S	B	2	18	S	27	E	330	N	2310	E	1043
30-015-01213	SOUTH RED LAKE GRAYBURG UNIT	33	S & J OPERATING CO	1630	O	P&A	S	C	2	18	S	27	E	280	N	1650	W	1898
30-015-10623	HONDO C STATE	1	ATLANTIC REFINING CO	8725	O	P&A	S	D	2	18	S	27	E	330	N	990	W	2513
30-015-30389	LOGAN 2 STATE	1	DEVON ENERGY PRODUCTION CO, LP	0	O	ABND L	S	C	2	18	S	27	E	500	N	2310	W	1525
30-015-30406	LOGAN 2 STATE	2	LIME ROCK RESOURCES II-A LP	3710	O	A	S	C	2	18	S	27	E	990	N	1750	W	2263
30-015-30864	LOGAN 2 STATE	4	DEVON ENERGY PRODUCTION CO, LP	0	O	ABND L	S	B	2	18	S	27	E	990	N	2110	E	1655
30-015-30926	LOGAN 2 STATE	3	LIME ROCK RESOURCES II-A LP	0	O	ABND L	S	B	2	18	S	27	E	474	N	1650	E	1181
30-015-32179	MJ STATE	2	APACHE CORP	3923	G	A	S	D	2	18	S	27	E	330	N	915	W	2582
30-015-32900	TDF STATE	2	APACHE CORP	4000	O	A	S	F	2	18	S	27	E	1650	N	2305	W	2515
30-015-33111	LOGAN 2C STATE	3	LIME ROCK RESOURCES II-A LP	3666	O	A	S	C	2	18	S	27	E	530	N	2310	W	1547
30-015-39009	EMPIRE ABO UNIT	415	APACHE CORP		O	A	S	G	2	18	S	27	E	1650	N	2430	E	2353

PROPOSED WELLBORE SCHEMATIC

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-																																	
FORM	DEPTH	OPERATOR: JOE TARVER																																		
		LEASENAME: RUSSELL C				WELL NO. 10																														
		SURF LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																														
		660 FSL		1980 FEL																																
		BH LOC:	UL: 0	SEC: 35	TWN: 17S	RNG: 27E																														
		660 FSL		1980 FEL																																
		TD 530	PBD	KB	DF																															
		GL 3615																																		
POOL PROPOSED SWD;SEVEN RIVERS		PERFS																																		
		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 5/8</td> <td>360</td> <td>19.56 bbls</td> <td>12.25</td> <td>0</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>540</td> <td>26.63 bbls</td> <td>7.875</td> <td>0</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 5/8	360	19.56 bbls	12.25	0	PROD	4.5	540	26.63 bbls	7.875	0						
CASING RECORD																																				
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																															
SURF	8 5/8	360	19.56 bbls	12.25	0																															
PROD	4.5	540	26.63 bbls	7.875	0																															
7 Rvrs 380 Yates 430 Queen 900 8 5/8 @ 360 TOC @ 0' 4 1/2 @ 540 TOC @ 0' TD 540 2 3/8 PLASTIC COATED TBNG W/PKR @380' SELECTIVELY PERFORATE FROM 400-520' SPUD: NEAR FUTURE COMP: NEAR FUTURE																																				
		PREPARED BY: Eddie Seay UPDATED 05/06/11																																		

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00616																																													
FORM	DEPTH		OPERATOR: MCQUADRANGLE, LC																																													
7 RVRS 330 Queen 845 Grayburg 1290 San Andres 1420		PLUG 0-60'	LEASENAME: SOUTH RED LAKE GB UNIT																																													
		100 sxs PLUG @ 64'	SURF LOC: UL: F SEC: 35		WELL NO. 16																																											
			2310 FNL		2316 FWL																																											
			BH LOC: UL: F SEC: 35		RNG: 27E																																											
			2310 FNL		2316 FWL																																											
			TD 1618	PBD	KB	DF																																										
			GL																																													
			POOL		PERFS																																											
			RED LAKE;QUEEN-GRAYBURG-SA		Open Hole 1296-1618																																											
			50 sxs PLUG 398-497																																													
<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>7</td> <td>1296</td> <td>50 sxs</td> <td>8</td> <td>905' Cal</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	7	1296	50 sxs	8	905' Cal																								
CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
PROD	7	1296	50 sxs	8	905' Cal																																											
		TOC @ 905 PLUG 17 sxs 840-940	SPUD: 08/01/1947 COMP: 08/31/1947 P&A: 08/13/2002																																													
		PLUG 17 sxs 1000-1136																																														
		7 @ 1296' TOC @ 905'																																														
		TD 1618																																														

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00619																																													
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																													
7 RVRS	360		LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 15																																											
			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																																														
<table border="1"> <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>5.5</td> <td>1749</td> <td>250 sxs</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> </tbody> </table>							CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	PROD	5.5	1749	250 sxs	na																									
CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
PROD	5.5	1749	250 sxs	na																																												
Queen	875		PERF @ 700 SPOT 100 sxs																																													
			SPUD: 02/08/1947 COMP: 03/30/1947 P&A: 01/10/2007																																													
Grayburg	1363		PLUG 30 sxs TAG @ 1109																																													
San Andres	1626		CIBP @ 1540'																																													
			5 1/2 @ 1749 TOC @ 0'																																													
		TD 2264																																														
			PREPARED BY: Eddie Seay		UPDATED 04/17/12																																											

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00622																																							
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																							
			LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 24																																					
	10 3/4 @ 20'		SURF LOC:	UL: I SEC: 35	TWN: 17S	RNG: 27E																																				
			1650 FSL		330 FEL																																					
	8 5/8 @ 130		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																																				
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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																																					
7 RVRS	440		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 UNKNOWN HOW WELL WAS PLUGGED BELOW DAMAGED 7" CSNG TAG UNKNOWN TD WITH 1" TUBING FILL HOLE WITH CEMENT																																							
Queen	940		8 1/4 Csg pulled from 992' TOC @ 1250																																							
Grayburg	1360																																									
	4 1/2 @ 1592																																									
	TOC @ 1250'																																									
San Andres	1704		TD 1741																																							

PREPARED BY: Eddie Seay

UPDATED

04/17/12

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 8 @ 426 440 TOC @ 275 7 RVRS Queen 940	TOC @ 275 EST		<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>426</td> <td>45 sxs</td> <td>na</td> <td>275 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	426	45 sxs	na	275 est																														
	CASING RECORD																																																				
		SIZE	DEPTH	CMT	HOLE SIZE	TOC																																															
	PROD	8	426	45 sxs	na	275 est																																															
	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																																																					
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: 04/17/12																																																					

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																																											
SPUD: 09/07/1941 COMP: 09/16/1941 P&A: 04/21/1985																																																
PREPARED BY: Eddie Seay UPDATED: 04/17/12																																																

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																																										
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		TD		NA	PBD	KB	DF																																										
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CASING RECORD																																																	
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																												
SURF																																																	
PROD	NO WELL FILE FOR THIS																																																
		SPUD: COMP: P&A:																																															
Queen	940																																																
		PREPARED BY: Eddie Seay UPDATED: 04/17/12																																															

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'																																														
			<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>826</td> <td>PULLED</td> <td>na</td> <td>na</td> </tr> <tr> <td>INT1</td> <td>7</td> <td>1335</td> <td>50 sxs</td> <td>na</td> <td>950 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	826	PULLED	na	na	INT1	7	1335	50 sxs	na	950 est	PROD	4.5	na	na	na	na												
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')																																														
Grayburg	1360	7" @ 1350 TOC 1010	Plug 50 cf Tag TOC @ 1008																																														
		4 1/2 @ NA TOC @ NA'	SETTING DEPTH 4 1/2 UNKNOWN (Proposed setting at top of shot hole)																																														
San Andres	1704		TD 1665																																														

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00619						
FORM	DEPTH		OPERATOR: CITIES SERVICE OIL CO						
7 RVRs	385		LEASENAME: MAGRUDER C			WELL NO. 15			
			SURF LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E		
			1650 FSL			2310 FWL			
			BH LOC:	UL: K	SEC: 35	TWN: 17S	RNG: 27E		
			1650 FSL			2310 FWL			
			TD 10100 PBD		KB	DF			
					GL				
Queen	900		POOL ILLINOIS CAMP; MORROW, NORTH (G)			PERFS 9742-9766			
						Open Hole			
			POOL EMPIRE; YATES-SEVEN RIVERS			PERFS 426-451			
Grayburg	1390		CASING RECORD						
				SIZE	DEPTH	CMT	HOLE SIZE	TOC	
			SURF	8.625	984	300 sxs	na	0' Cal	
San Andres	1632		PROD1 4.5 10099 225 sxs na na						
			PROD2 4.5 9900 600 sxs 7.875 7765 Cal						
Glorieta	2996		PLUG 45 sxs 2045-2200						
Abo	5178		PLUG 130 sxs 5212-5600 CUT & PULLED 4 1/2 @ 5550						
Wolfcamp	6510		SPUD: 02/08/1947 COMP: 03/30/1947 P&A: 01/10/2007						
Strawn	8910		CUT & PULLED @ 7718						
			TOC @ 7765						
			CIBP @ 8050 CAP W/ 35' CMNT PERFS 8107-8257 DRY						
Atoka	9250		PERFS 9555-9738 DRY						
			PERFS 9742-9766						
			4 1/2 @ 10099 TOC @ 0'						
			TD 10099						
			PREPARED BY: Eddie Seay UPDATED: 04/17/12						

04/17/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00630																																												
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																												
7 RVRS	385		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 PERFS																																												
			RED LAKE;QU-GB-SA Open Hole 1556-1694																																												
			POOL PERFS																																												
Open Hole																																															
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CASING RECORD																																															
	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																																															
Queen	900		PERF @ 700 Pump 50 sxs tag @ 434																																												
			8 1/4" Casing pulled from 914'																																												
			TOC 7 @ 950																																												
			TOC 4 1/2 @ 1250																																												
Grayburg	1390		Plug 50 cf Tag TOC @ 1008																																												
			CIBP @ 1500 CAP W/ 25 sxs																																												
San Andres	1632		7" @ 1320 TOC 950																																												
			4 1/2 @ 1556 TOC @ 1250																																												
TD 1556																																															

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00631																																											
FORM	DEPTH	OPERATOR: JOE L TARVER																																												
		LEASENAME: MAGRUDER A		WELL NO. 3																																										
		SURF LOC:	UL: K SEC: 35	TWN: 17S	RNG: 27E																																									
		2310 FSL		2313 FEL																																										
		BH LOC:	UL: K SEC: 35	TWN: 17S	RNG: 27E																																									
		2300 FSL		2313 FEL																																										
		TD 441	PBD	KB	DF																																									
				GL																																										
		POOL		PERFS																																										
		EMPIRE; YATES- 7 RVRS		Open Hole 405-441																																										
		POOL		PERFS																																										
		Open Hole																																												
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
PROD	8	405	25 sxs	na	265 est																																									
SPUD: 11/10/1941 COMP: 11/14/1941 P&A: 06/01/1965																																														
PREPARED BY: Eddie Seay UPDATED: 04/17/12																																														

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-00633																																														
FORM	DEPTH		OPERATOR: BP AMERICA PRODUCTION COMPANY																																														
<!-- Wellbore Schematic Diagram --> <!-- 7 RVRS -->	280	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">LEASENAME: RIVERWOLF UNIT</td> <td colspan="2">WELL NO. 14</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: M SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">330 FSL</td> <td colspan="2">990 FWL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: M SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">330 FSL</td> <td colspan="2">990 FWL</td> </tr> <tr> <td>TD 5702</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 EMPIRE;ABO</td> <td colspan="2">PERFS 5556-5598</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: RIVERWOLF UNIT		WELL NO. 14		SURF LOC:	UL: M SEC: 35	TWN: 17S	RNG: 27E	330 FSL		990 FWL		BH LOC:	UL: M SEC: 35	TWN: 17S	RNG: 27E	330 FSL		990 FWL		TD 5702	PBD	KB	DF			GL		POOL EMPIRE;ABO		PERFS 5556-5598				Open Hole		POOL		PERFS				Open Hole	
	LEASENAME: RIVERWOLF UNIT		WELL NO. 14																																														
	SURF LOC:	UL: M SEC: 35	TWN: 17S	RNG: 27E																																													
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	TD 5702	PBD	KB	DF																																													
			GL																																														
	POOL EMPIRE;ABO		PERFS 5556-5598																																														
			Open Hole																																														
POOL		PERFS																																															
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CASING RECORD																																																	
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																												
SURF	8.625	982	400 sxs	na	Cir																																												
PROD	5.5	5701	800 sxs	na	1940 est																																												
Queen	880	8 5/8" @ 982 TOC 0 PLUG 25 sxs 789-1050 SPUD: 04/01/1960 COMP: 04/19/1960 P&A: 01/12/2009																																															
Grayburg	1307																																																
San Andres	1620																																																
		TOC 5 1/2 @ 1940																																															
Glorieta	2974	PLUG 25 sxs 2852-3100																																															
Abo	5150	CIBP @ 5165 CAP W/ 25 25 sxs																																															
		PERFS 5556-5598																																															
		5 1/2 @ 5701																																															
		TOC @ 1940'																																															
		TD 5840																																															

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																																													
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
PROD	8	471	25 sxs	na	330 est																																											
SPUD: 12/15/1941 COMP: 12/23/1941 P&A: 02/11/1977																																																
PREPARED BY: Eddie Seay			UPDATED 04/17/12																																													

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00636				
FORM	DEPTH	OPERATOR: PATON BROTHERS					
			LEASENAME: MAGRUDER		WELL NO. 3		
			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				
			POOL			PERFS	
			Open Hole 453-502				
			PERFS				
			Open Hole				

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

SPUD: 12/15/1941
 COMP: 12/23/1941
 P&A: 05/14/1948

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-015-00637			
FORM	DEPTH	OPERATOR: TARCO ENERGY, LC				
		LEASENAME: RUSSELL C			WELL NO. 4	
		SURF LOC: UL: N SEC: 35		TWN: 17S		RNG: 27E
		330 FSL		1900 FWL		
		BH LOC: UL: N SEC: 35		TWN: 17S		RNG: 27E
		330 FSL		1900 FWL		
		TD 5630	PBD	KB	DF	
					GL	
		POOL EMPIRE;ABO			PERFS 5504-5550	
					5326-5476	
					Open Hole	
		POOL EMPIRE;YATES-SEVEN RIVERS			PERFS 404-444	
					Open Hole	

7 RVRS 280

Queen 880

Grayburg 1307

San Andres 1620

Glorieta 2974

Abo 5150

5 1/2 @ 5629
TOC @ 1869'

PERFS 404-444

CIBP @ 538

Drilled cmnt out to 540

Perf @ 1034 Circ out w/275 sxs

TOC 5 1/2 @ 1940

PLUG 25 sxs top @ 2833

CIBP @ 5325 CAP W/ 25 sxs

PERFS 5326-5476

PERFS 5504-5550

TD 5630

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	984	325 sxs	11	0' Cal
PROD	5.5	5629	800 sxs	7.875	1869 Cal

SPUD: 04/20/1960

COMP: 05/06/1960

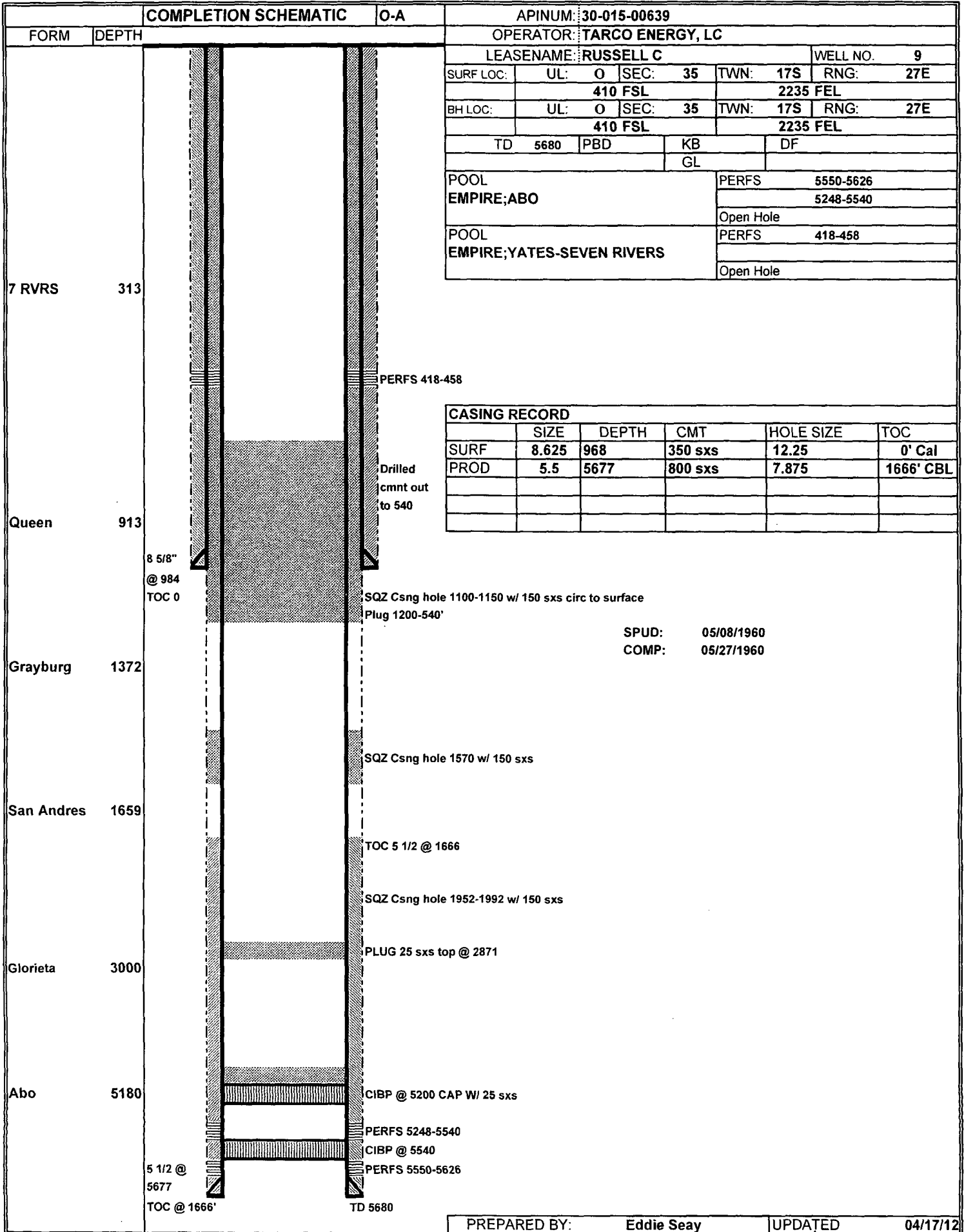
PREPARED BY: Eddie Seay

UPDATED: 04/17/12

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00638																																											
FORM	DEPTH		OPERATOR: TARCO ENERGY, LC																																											
			LEASENAME: RUSSELL C																																											
			WELL NO. 6																																											
			SURF LOC:	UL: N SEC: 35 TWN: 17S RNG: 27E																																										
			1009 FSL																																											
			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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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																									
PROD	8	380	25 sxs	10	340 est																																									
7 RVRS	280		PLUG 0-431' 1) 25 sxs Class C 2) Ready mix to surf																																											
			TOC @ 340																																											
			8 @ 380																																											
			TOC @ 340																																											
			TD 431																																											
			SPUD: 11/29/1941 COMP: 12/06/1941 P&A: 09/05/2007																																											
Queen	880																																													
PREPARED BY: Eddie Seay UPDATED: 04/17/12																																														

04/17/12

WELLBORE SCHEMATIC AND HISTORY



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
		450 FSL		1650 FEL
		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				

SPUD:

COMP:

P&A:

7 RVRS	310
Queen	910

PREPARED BY: Eddie Seay	UPDATED 04/17/12
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COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00641																																													
FORM	DEPTH	OPERATOR: TARCO ENERGY, LC																																														
7 RVRS 305 8 1/4 @ 432 TOC @ 440 TD 477 PLUG 0-477' 150 sxs TOC @ 440 Queen 915	<table border="1" style="width: 100%;"> <tr> <td colspan="2">LEASENAME: RUSSELL C</td> <td colspan="2">WELL NO. 7</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: 0 SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">395 FSL</td> <td colspan="2">1622 FEL</td> </tr> <tr> <td>BH LOC:</td> <td>UL: 0 SEC: 35</td> <td>TWN: 17S</td> <td>RNG: 27E</td> </tr> <tr> <td colspan="2">395 FSL</td> <td colspan="2">1622 FEL</td> </tr> <tr> <td>TD 477</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 EMPIRE;YATES-SEVEN RIVERS</td> <td colspan="2">PERFS</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Open Hole 432-477</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: 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 EMPIRE;YATES-SEVEN RIVERS		PERFS				Open Hole 432-477		POOL		PERFS				Open Hole	
	LEASENAME: RUSSELL C		WELL NO. 7																																													
	SURF LOC:	UL: 0 SEC: 35	TWN: 17S	RNG: 27E																																												
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	BH LOC:	UL: 0 SEC: 35	TWN: 17S	RNG: 27E																																												
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CASING RECORD																																																
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																											
PROD	8.25	432	25 sxs	na	440 est																																											
SPUD: 12/14/1942 COMP: 12/30/1942 P&A: 02/17/1977																																																
PREPARED BY: Eddie Seay UPDATED 04/17/12																																																

04/17/12

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00642				
FORM	DEPTH	OPERATOR: JOE L TARVER					
PLUG 0-476' 150 sxs		LEASENAME: RUSSELL C				WELL NO. 5	
		SURF LOC:	UL: O	SEC: 35	TWN: 17S	RNG: 27E	
		1002 FSL		1633 FEL			
		BH LOC:	UL: O	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

TD 476

SPUD: 10/08/1941

COMP: 10/17/1941

P&A: 11/18/1976

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00643																																	
FORM	DEPTH	OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																		
		LEASENAME: SOUTH RED LAKE II UNIT			WELL NO. 26																															
		SURF LOC: UL: 0 SEC: 35		TWN: 17S		RNG: 27E																														
		990 FSL		2310 FEL																																
		BH LOC: UL: 0 SEC: 35		TWN: 17S		RNG: 27E																														
		990 FSL		2310 FEL																																
		TD 1624	PBD	KB	DF																															
					GL																															
		POOL			PERFS																															
		RED LAKE;QU-GB-SA			Open Hole na-1624																															
		POOL			PERFS																															
					Open Hole																															
7 RVRS	305	Plug 25 sx 0-125 TOC ???? Perf 4 1/2 @ 600' SQZ 50 sxs circ to surface fell back 57' TOC @ 503 sqz 250 sxs circ to surf on annulus																																		
		10" @ 453 TOC ??? PERF & sqz 25 sx TOC Plug @ 670 TOC @ 890																																		
		<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>10</td> <td>453</td> <td>na</td> <td>na</td> <td>na</td> </tr> <tr> <td>INT1</td> <td>8.25</td> <td>948</td> <td>50 sxs</td> <td>na</td> <td>890 est</td> </tr> <tr> <td>PROD</td> <td>6.625</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> </tbody> </table>						SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	10	453	na	na	na	INT1	8.25	948	50 sxs	na	890 est	PROD	6.625	na	na	na	na						
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																															
SURF	10	453	na	na	na																															
INT1	8.25	948	50 sxs	na	890 est																															
PROD	6.625	na	na	na	na																															
Queen	915	8 1/4" @ 948 TOC 890 PERF @ 998 SQZ 40 sxs TAG top of plug @ 824																																		
		TOC PLUG @ 1258 TOC UNKNOWN																																		
Grayburg	1375	CIBP @ 1460 cap w/ 55' cmnt SETTING DEPTH 6 5/8 UNKNOWN (Probably top of shot hole)																																		
		6 5/8 @ NA TOC @ NA'																																		
San Andres	1660	TD 1624																																		
		SPUD: 10/19/1927 COMP: na P&A: 09/17/2008																																		
PREPARED BY: Eddie Seay UPDATED 04/17/12																																				

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			PERFS
			RED LAKE;QUEEN-GB-SAN ANDRES			
						Open Hole 947-1623
			POOL			PERFS
						Open Hole

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					

7 RVRS 280

10" @ 460 TOC ???

Queen 880

Grayburg 1310

8 1/4 @ 947 TOC @ ???

San Andres 1620

READY MIX 0-106'

TOC @ ???

TOC @ ???

Tag TOP cmnt plug @ 106'

TD 1623

SPUD: 08/08/1927

COMP: 09/13/1927

P&A: 01/19/2007

PREPARED BY: Eddie Seay	UPDATED: 04/17/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-01222																																							
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																							
7 RVRS	305		LEASENAME: SOUTH RED LAKE II UNIT		WELL NO. 30																																					
			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																																					
Queen	915		<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>435</td> <td>na</td> <td>na</td> <td>na</td> </tr> <tr> <td>INT1</td> <td>8.25</td> <td>948</td> <td>na</td> <td>na</td> <td>na</td> </tr> <tr> <td>PROD</td> <td>6.625</td> <td>na</td> <td>na</td> <td>na</td> <td>na</td> </tr> <tr> <td colspan="6">No indications in well file of cmnt run on surface & intermediate</td> </tr> </tbody> </table>				CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF	10	435	na	na	na	INT1	8.25	948	na	na	na	PROD	6.625	na	na	na	na	No indications in well file of cmnt run on surface & intermediate					
			CASING RECORD																																							
				SIZE	DEPTH	CMT	HOLE SIZE	TOC																																		
			SURF	10	435	na	na	na																																		
			INT1	8.25	948	na	na	na																																		
			PROD	6.625	na	na	na	na																																		
			No indications in well file of cmnt run on surface & intermediate																																							
			SPUD: 02/14/1927 COMP: 03/12/1927 P&A: 02/05/2009																																							
Grayburg	1375																																									
San Andres	1660																																									

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-01225																																							
FORM	DEPTH		OPERATOR: GEORGE H WILLIAMS																																							
7 RVRS 280 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 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <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>8.625</td> <td>390</td> <td>20 sxs</td> <td>na</td> <td>365 Cal</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	8.625	390	20 sxs	na	365 Cal																								
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	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

8 5/8 @ 390
 TOC @ 350

TD 446

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-01228																																											
FORM	DEPTH		OPERATOR: RANDOLF J JOHNSTON																																											
7 RVRS 360 5 1/2 @ 420 TOC @ 209' PLUG 15 sxs TD 472	PLUG TOC @ 209 17 Csg pulled from 347'	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																																												
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	SURF	7	347	PULLED	na	na																																								
	PROD	5.5	420	60 sxs	na	209 Est																																								
	7 Csg pulled from 347'																																													
SPUD: 11/03/1941 COMP: 12/11/1941 P&A: 11/1942																																														
Queen	860																																													

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		I-P	APINUM: 30-015-20104																																																			
FORM	DEPTH		OPERATOR: FAIRWAY RESOURCES OPERATING LLC																																																			
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	RNG: 27E																																															
			990 FSL		990 FEL																																																	
			BH LOC:	UL: P	SEC: 35	TWN: 17S	RNG: 27E																																															
			990 FSL		990 FEL																																																	
			TD 1630	PBD	KB	DF																																																
					GL																																																	
			POOL RED LAKE;QUEEN-GB-SAN ANDRES		PERFS 1679-1688																																																	
					Open Hole																																																	
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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																																																			
			PLUG 0-60' 10 3/4" @ 100 TD 1712																																																			

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			PERFS
			EMPIRE;ABO			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 Queen Grayburg San Andres Glorieta Abo	290 895 1190 1665 3085 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 5 1/2 @ 5764 TOC @ 4388' 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 TD 5765
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WELLBORE SCHEMATIC AND HISTORY

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																																										
			990 FNL		1650 FEL																																											
			BH LOC:	UL: B	SEC: 2	TWN: 18S																																										
			990 FNL		1650 FEL																																											
			TD 5881	PBD	KB	DF																																										
						GL																																										
			POOL EMPIRE;ABO			PERFS 5672-5742																																										
			POOL			PERFS																																										
						Open Hole																																										
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PROD	5.5	5880	300 sxs	7.875	4504 Cal																																											
7 RVRS	200																																															
Queen	800																																															
		8 5/8" @ 967 TOC 0	PLUG 30 SXS 805-1100' THEN FILL UP CASING TO SURFACE																																													
Grayburg	1110																																															
			SPUD: 09/02/1959 COMP: 10/01/1959 P&A: 12/12/2008																																													
San Andres	1715																																															
			PLUG 25 SXS 2525-2275																																													
Glorieta	3128																																															
			PERF @ 3130' SQZ W/ 50 SXS																																													
			TOC 5 1/2 @ 4504																																													
Abo	5240																																															
			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																																													

PREPARED BY: Eddie Seay UPDATED: 04/17/12

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00728																																															
FORM	DEPTH	OPERATOR: ARCO OIL & GAS CO																																																
7 RVRS	305		LEASENAME: HUDSON D STATE						WELL NO. 1																																									
			SURF LOC:		UL: F	SEC: 2	TWN: 18S	RNG: 27E																																										
					1650 FNL		2310 FEL																																											
			BH LOC:		UL: F	SEC: 2	TWN: 18S	RNG: 27E																																										
					1650 FNL		2310 FEL																																											
			TD 440		PBD	KB	DF																																											
					GL																																													
			POOL EMPIRE;YATES-SEVEN RIVERS						PERFS																																									
									Open Hole 406-440																																									
			POOL						PERFS																																									
						Open Hole																																												
<table border="1"> <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>8.625</td> <td>406</td> <td>78 sxs</td> <td>NA</td> <td>0 ???</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	8.625	406	78 sxs	NA	0 ???																								
CASING RECORD																																																		
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																													
PROD	8.625	406	78 sxs	NA	0 ???																																													
Queen	915		8 @ 406 TOC @ 365 PLUG 230-440 60 SXS TD 440																																															
			SPUD: 1927 COMP: 1927 P&A: 06/14/1988																																															
<table border="1"> <thead> <tr> <th colspan="2">PREPARED BY:</th> <th colspan="2">Eddie Seay</th> <th colspan="2">UPDATED</th> <th colspan="2">04/17/12</th> </tr> </thead> </table>									PREPARED BY:		Eddie Seay		UPDATED		04/17/12																																			
PREPARED BY:		Eddie Seay		UPDATED		04/17/12																																												

7 RVRS

305

Queen

915

PLUG
0-230'
70 sxs

8 @ 406
TOC @ 365

PLUG 230-440 60 SXS

TD 440

SPUD: 1927
COMP: 1927
P&A: 06/14/1988

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
PROD	8.625	406	78 sxs	NA	0 ???

POOL
EMPIRE;YATES-SEVEN RIVERS

PERFS

Open Hole	406-440
-----------	---------

POOL

PERFS

Open Hole

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00736					
FORM	DEPTH	OPERATOR: CITIES SERVICE OIL CO						
		LEASENAME: STATE BZ					WELL NO. 4	
		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

7 RVRs	305		TOC UNK
Queen	915		

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

PREPARED BY:	Eddie Seay	UPDATED	04/17/12
--------------	------------	---------	----------

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-P	APINUM: 30-015-00736				
FORM	DEPTH	OPERATOR: CITIES SERVICE OIL CO					
7 RVRS 360 7 @ 412 TOC @ UNK Queen 915 TOC UNK PLUG 0-440 30 SXS TD 440		LEASENAME: STATE BZ				WELL NO. 4	
		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 04/17/12
-------------------------	------------------

COMPLETION SCHEMATIC		I-A	APINUM: 30-015-00740	
FORM	DEPTH		OPERATOR: MCQUADRANGLE, LC	
			LEASENAME: SOUTH RED LAKE GB UNIT	
			WELL NO. 40	
		PLUG 30 SXS 0-31	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	

7 RVRS 380

CUT & PULL @ 31'

Queen 900

Grayburg 1370

San Andres 1644

TD 1707

PLUG 200 SXS TOP @ 37'

CUT & PULL @ 260

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	7	1542	50 sxs	na	NA
PROD	4.5	1644	50 sxs	na	NA

TOC 7" @ ????

TOC 4 1/2 @ ???

PLUG 25 SXS TAG @ 1292

7" @ 1542 TOC ???

4 1/2 @ 1644 TOC @ ???

SPUD: 08/08/1927

COMP: 09/13/1927

P&A: 01/19/2007

PREPARED BY: Eddie Seay

UPDATED 04/17/12

COMPLETION SCHEMATIC

1-A

APINUM: 30-015-00742

OPERATOR: S J OPERATING CO

LEASENAME: SOUTH RED LAKE GB UNIT

WELL NO.	39
----------	----

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

	1650 FNL	990 FEL
--	----------	---------

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

	1650 FNL	990 FEL
--	-----------------	----------------

TD	1742	PBD	KB	DF
----	------	-----	----	----

GL	
----	--

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

RED LAKE;QUEEN-GB-SAN ANDRES

Open Hole	1693-1742
-----------	-----------

PLUG SQZ 75 SXS TAG TOC @ 150'

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	7	1471	50 sxs	8	746 Calc
PROD	4.5	1693	50 sxs	NA	NA

SPUD: 01/20/1948

COMP: 04/01/1948

P&A: 11/16/1990

TOC 7" @ ????

PERF 1002-1005 SQZ 25 SXS CMNT
TAG TOC @ 800

TOC 4 1/2 @ ???

PLUG 40 SXS TAG @ 1100

CIBP @ 1640 W/2 sxs cmnt

TD 1742

PREPARED BY: **Eddie Seay**

UPDATED	04/17/12
---------	----------

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-01213	
FORM	DEPTH	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	
		RED LAKE;QU-GB-SA	
		POOL	
		PERFS	
		Open Hole 1601-1630	
		PERFS	
		Open Hole	

7 RVRS 380

10" @ 435 TOC ???

Queen 900

8 1/4" @ 849 TOC ???

Grayburg 1370

4 1/2 @ 1601 TOC @ NA

San Andres 1640

Plug 0-60

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

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

PERF @ 1000 Pump 25 sxs TAG top of plug @ 1000

PLUG 15 sxs 1150-1370

TOC 4 1/2 UNKNOWN

TD 1638

PREPARED BY: Eddie Seay

UPDATED: 04/17/12

COMPLETION SCHEMATIC

1-A

APINUM: 30-015-10623

OPERATOR: ATLANTIC REFINING CO

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	DF
----	------	-----	----	----

GL	
----	--

POOL
RED LAKE;QU-GB-SA

PERFS

Open Hole	1604-1624
-----------	-----------

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	
------	--	--	--	------	--

--	--	--	--	--	--

--	--	--	--	--	--

SPUD: 12/10/1926

COMP: 01/23/1927

DEEPEN: 10/03/1943

P&A: Date unknown

7 Rivers

380

Queen

900

Grayburg

1370

San Andres

1640

Glorieta

3040

Abo

5100

Wolfcamp

6500

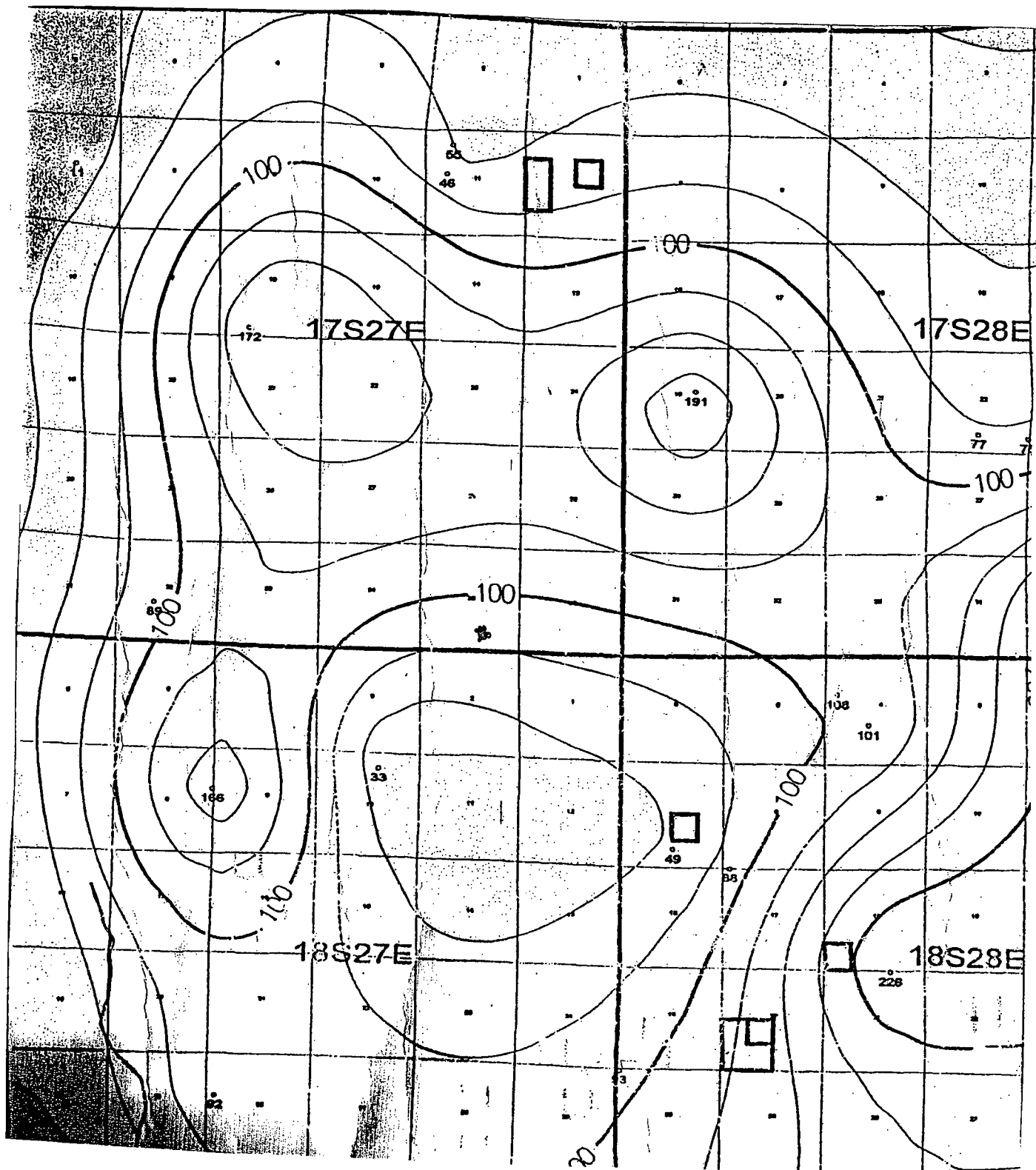
HOLE 6 1/4

TD 8725

PREPARED BY: **Eddie Seay**

UPDATED

04/17/12



Groundwater Map
No water found or reported



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

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 12:20 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:

Township: 17S Range: 28E

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q								X	Y	Depth	Depth	Water
	Code	Subbasin	County	64	16	4	Sec	Twp	Rng	Well			Water	Column	
RA 01493	O		ED	2	1	27	17S	27E	568468	3630529*	876				
RA 01716 (D)			ED	4	4	3	16	17S	27E	566953	3632420*	1220	175	1045	
RA 01716 S			ED	4	4	3	16	17S	27E	566953	3632420*	1200			
RA 02966			ED	4	4	4	05	17S	27E	566117	3635707*	80	30	50	
RA 03279			ED		3	2	07	17S	27E	564020	3635011*	250	14	236	
RA 03661			ED	3	2	3	32	17S	27E	565186	3628038*	330	140	190	
RA 03694			ED		4	17	17S	27E	565854	3632721*	300	90	210		
RA 04320			ED		3	17	17S	27E	565053	3632719*	120	50	70		
RA 04554			ED		1	23	17S	27E	569859	3631947*	220	40	180		
RA 04561			ED		4	2	26	17S	27E	570871	3630142*	250			
RA 04786			ED	4	3	2	18	17S	27E	564133	3633277*	138	111	27	
RA 06531			ED	4	1	4	17	17S	27E	565747	3632821*	200			
RA 06635			ED	2	2	2	18	17S	27E	564531	3633852*	325	60	265	
RA 07774			ED	3	2	1	11	17S	27E	569933	3635251*	100	50	50	
RA 07844			ED	3	4	3	16	17S	27E	566753	3632420*	1300	180	1120	
RA 07844 EXPL			ED		4	3	16	17S	27E	566854	3632521*	1300	180	1120	
RA 08823		ED	1	1	3	17	17S	27E	564745	3633019*	348	60	288		
RA 11691 POD1		ED	2	1	4	17	17S	27E	565800	3633029	150	0	150		

Average Depth to Water: 84 feet

Minimum Depth: 0 feet

Maximum Depth: 180 feet

Record Count: 18

Basin/County Search:

County: Eddy

PLSS Search:

Township: 17S

Range: 27E

*UTM location was derived from PLSS - see Help

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

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD	Q	Q	Q	Code	Subbasin	County	64	16	4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column	
RA 04298					ED			1	2	19	18S	27E	564082	3622523*		92			
RA 05524					ED			2	4	33	18S	27E	567721	3618532*		90	49	41	
RA 05660					ED			3	4	31	18S	27E	564094	3618090*		305	65	240	
RA 05664					ED			4	1	33	18S	27E	566914	3618936*			145		
RA 06091					ED			1	2	3	29	18S	27E	565211	3620222*		90	17	73

Average Depth to Water: 69 feet

Minimum Depth: 17 feet

Maximum Depth: 145 feet

Record Count: 5

Basin/County Search:

County: Eddy

PLSS Search:

Township: 18S

Range: 27E

*UTM location was derived from PLSS - see Help

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TARCO ENERGY L.C.

May 7, 2012

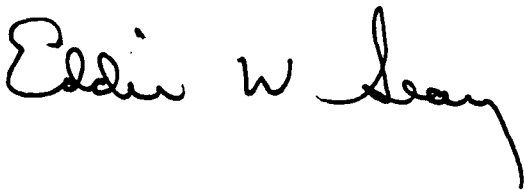
RE: Russell C #10
Unit O, Section 35, Tws. 17 S., Rng. 27 E.
Eddy Co. New Mexico

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 that reads "Eddie W. Seay". The signature is written in a cursive, flowing style.

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

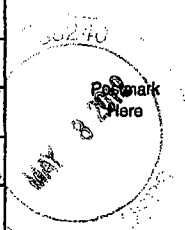
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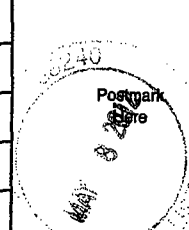
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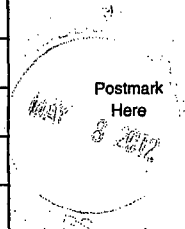
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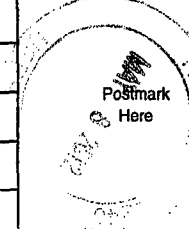
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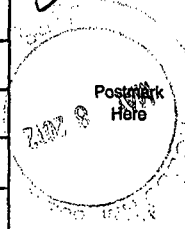
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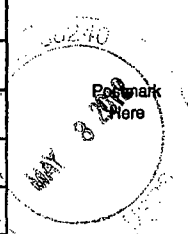
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PS Form 3800, August 2006

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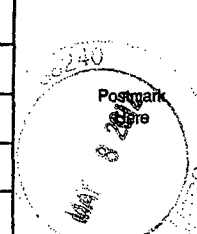
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 or PO Box No. **338 Silcon Dr., Ste. 101**
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PS Form 3800, August 2006

See Reverse for Instructions

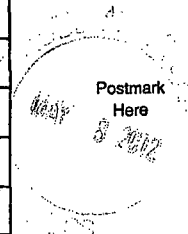
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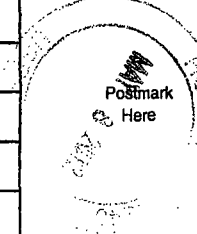
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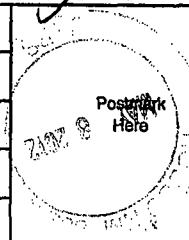
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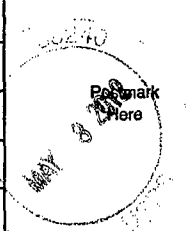
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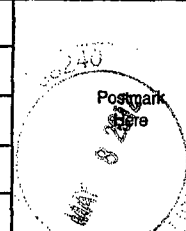
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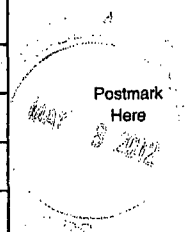
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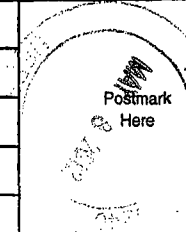
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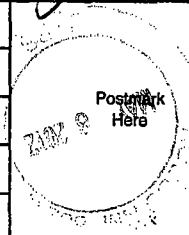
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PS Form 3800, August 2006 See Reverse for Instructions.

LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Tarco Energy, L.C., 12403 CR 2300, Lubbock, Texas 79423, is filing a C-108, Application for Salt Water Disposal. The well being applied for is a new drilled well, the Russell C-10, 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.

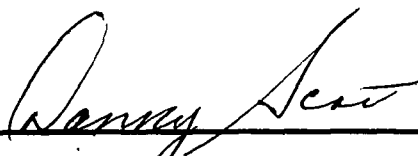
Affidavit of Publication

NO. 22142

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 May 10, 2012

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

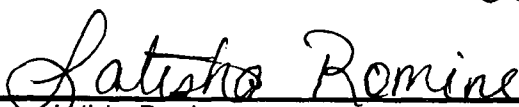
Subscribed and sworn to before me this

10th day of May 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:

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NMOCD Case No.

14908

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 #10 well location 660 FSL, 1980 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 380 feet to 540 feet (perforated).