

RECEIVED: 05/06/2019	REVIEWER:	TYPE: WFX	APP NO: PMAM 19137 54689
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NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

Applicant: For by Acres Energy, LLC OGRID Number: 371416
 Well Name: See Application API: -
 Pool: Eumant Water-Serve/Press-Queen Oil Pool Code: 22800

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

- [I] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
 [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

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2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☒ Offset operators or lease holders
 B. ☐ Royalty, overriding royalty owners, revenue owners
 C. ☒ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☒ Surface owner
 G. ☐ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application
 Content
 Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce

Print or Type Name

James Bruce
 Signature

Date

5/1/19

Phone Number

505-982-2043

e-mail Address

jamesbruce@aol.com
 e-mail Address

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

III. Well Data

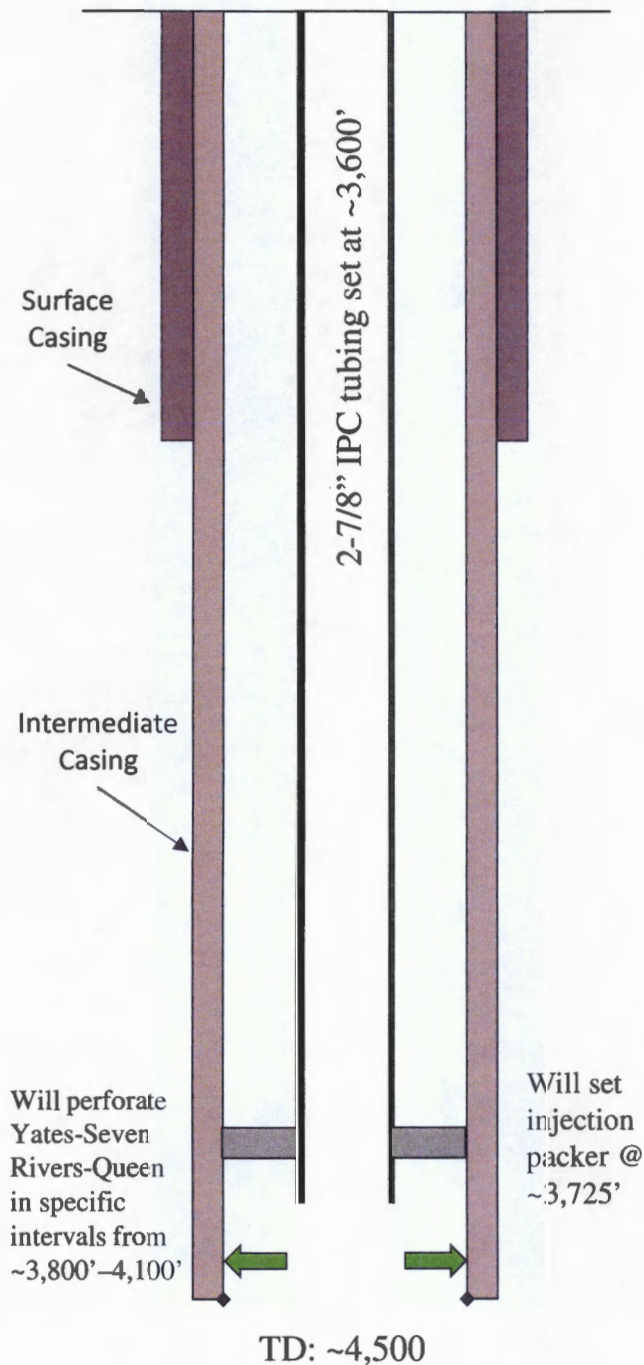
INJECTION WELL DATA SHEET

30-025-45484

OPERATOR: FORTY ACRES ENERGY, LLC

API #: 30-025-xxxxx

WELL NAME & NUMBER: WEST EUMONT UNIT #218

WELL LOCATION: 85 FNL 2580 FEL LOT 2 2 21S 35E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,500'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone ~3,400' to 4,400' Zone will be Perforated
--

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS'-X
Packer Depth Set:	~3,725'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,600'

V.

Exhibit A shows 16 unique well locations including 14 produced wells, 1 junked well, and 1 unpermitted location within a ½ mile radius of the proposed new drill injector location and 184 drilled well locations with 224 total completions (including recompletes), 5 permitted locations, and 7 unpermitted locations within a 2 mile radius, and all associated leases.

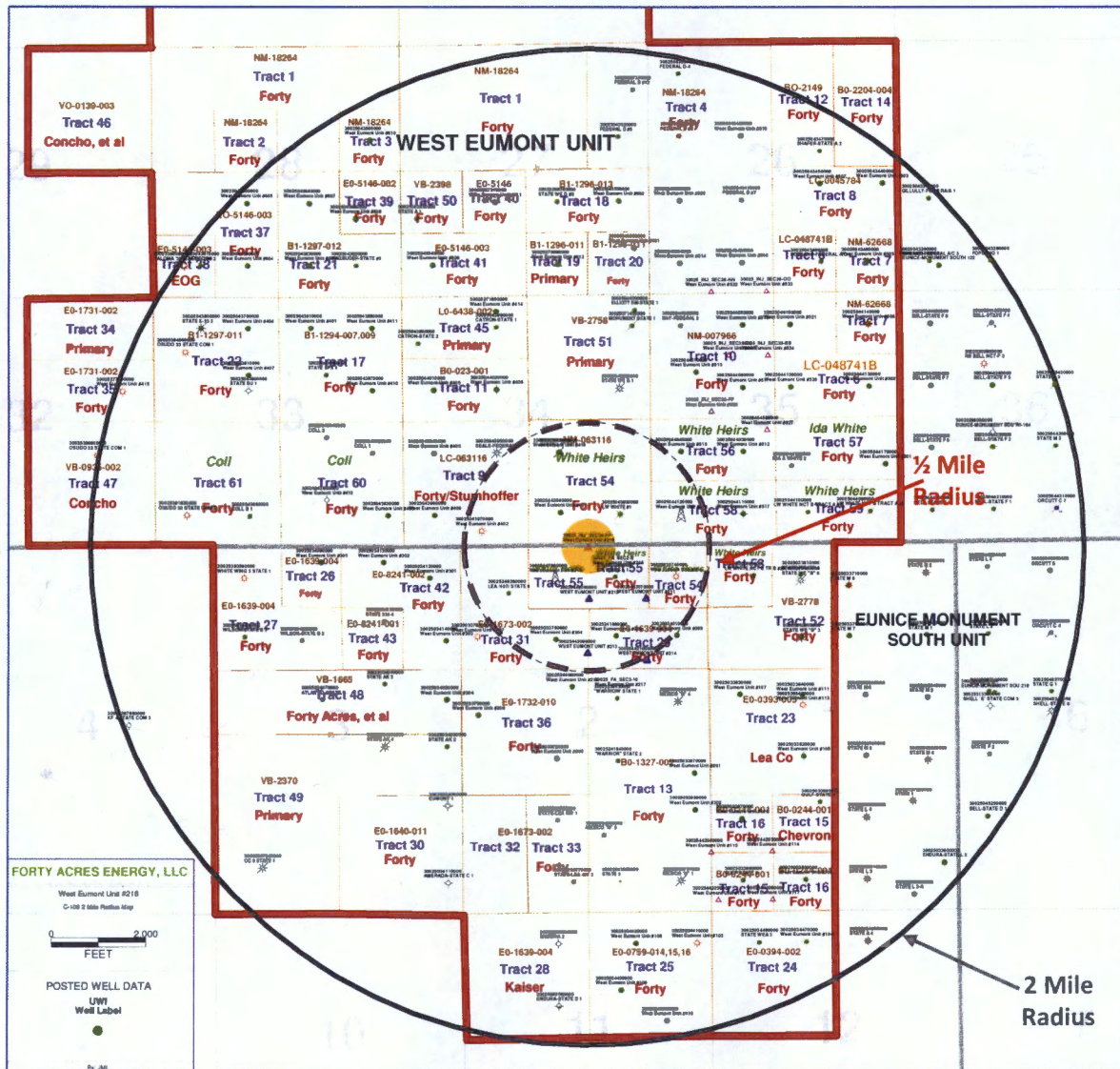


Exhibit A

VI.

Following Exhibit A, the tabulation of the wells with each well's type, construction, date drilled, location, depth, and completion date of wells within a ½ mile radius are displayed in **Exhibit B**. The plugged well wellbore diagrams are displayed in **Exhibit C1-C3**.

Exhibit B

Wells Within 1/2 Mile Radius										Distance in Feet From:				Township				Range				Section				Footage				SURFLAT				SURFELON				Nad 27			
UWI/API	OPERATOR	LABEL	TD	WELL TYPE	CURRENT ZONE	WEST EUMONT UNIT #218	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	SURFLAT	SURFELON																											
30025033740000	FORTY ACRES ENERGY LLC	West Eumont Unit #206	4104	GAS	Yates-Seven Rivers-Queen	1989.32	12/13/1955	12/30/1955	21S	35E	2	660 FEL 660 FNL	32.52025	-103.33153																											
30025033760000	FORTY ACRES ENERGY LLC	West Eumont Unit #204	4030	OIL	Yates-Seven Rivers-Queen	2072.82	9/12/1955	10/4/1955	21S	35E	2	1980 FNL 1980 FNL	32.51664	-103.33996																											
30025033760000	FINLEY RESOURCES INCORPORATED	LW WHITE #1	3935	ABO&GW	Yates-Seven Rivers-Queen	981.79	6/17/1954	7/13/1954	20S	36E	34	660 FEL 660 FSL	32.52391	-103.33541																											
30025043970000	FORTY ACRES ENERGY LLC	West Eumont Unit #402	3936	GAS	Yates-Seven Rivers-Queen	2283.77	11/26/1954	1/6/1955	20S	36E	34	1652 FNL 330 FSL	32.523	-103.34496																											
30025044120000	FORTY ACRES ENERGY LLC	LW WHITE NCT B TRACT A #5	4214	DERRICK	Yates-Seven Rivers-Queen	2127.7	4/13/1955	12/7/1955	20S	36E	35	660 FNL 660 FSL	32.52389	-103.33112																											
30025241980000	FORTY ACRES ENERGY LLC	West Eumont Unit #209	4000	OIL	Yates-Seven Rivers-Queen	1963.63	7/22/1972	9/1/1972	21S	35E	2	1980 FEL 1906 FNL	32.51683	-103.33578																											
30025247860000	FORTY ACRES ENERGY LLC	LW White 2	4190	DERRICK	Yates-Seven Rivers-Queen	953.26	6/26/1974	7/30/1974	21S	35E	2	1980 FNL 660 FNL	32.52025	-103.33996																											
30025248260000	FINLEY RESOURCES INCORPORATED	LEA /407/ STATE 6	4000	PLUGOIL	Yates-Seven Rivers-Queen	1954.53	10/18/1974	10/31/1974	21S	35E	2	990 FNL 990 FNL	32.51935	-103.34317																											
30025253800000	FINLEY RESOURCES INCORPORATED	LW WHITE A 1	4000	PLUGOIL	Yates-Seven Rivers-Queen	849.53	2/8/1977	3/9/1977	21S	35E	2	1980 FEL 660 FNL	32.52025	-103.33581																											
30025272000000	WARRIOR INCORPORATED	WHITE L R '34' 2	824	JNK	Junked	2112.38	12/13/1980	1/12/1981	20S	36E	34	1980 FEL 1980 FSL	32.52754	-103.33966																											
30025272000000	FORTY ACRES ENERGY LLC	West Eumont Unit #418	4106	OIL	Yates-Seven Rivers-Queen	2107.02	2/12/1981	4/29/1981	20S	36E	34	1960 FEL 1980 FSL	32.52754	-103.33966																											
30025442540000	FORTY ACRES ENERGY LLC	West Eumont Unit #417	4411	OIL	Yates-Seven Rivers-Queen	950.12	1/20/2018	3/1/2018	20S	36E	34	1980 FEL 660 FSL	32.524035	-103.339565																											
30025442070000	FORTY ACRES ENERGY LLC	WEST EUMONT UNIT #211	4466	INJ	Yates-Seven Rivers-Queen	1653.14	2/6/2018		21S	35E	2	1345 FEL 1185 FNL	32.518967	-103.333644																											
30025442080000	FORTY ACRES ENERGY LLC	WEST EUMONT UNIT #212	4499	INJ	Yates-Seven Rivers-Queen	1099.86	3/27/2018		21S	35E	2	2580 FEL 1185 FNL	32.518967	-103.33765																											
30025442090000	FORTY ACRES ENERGY LLC	WEST EUMONT UNIT #213	4500	INJ	Yates-Seven Rivers-Queen	2244.86	2/20/2018		21S	35E	2	2620 FEL 2330 FNL	32.519821	-103.337782																											
30025 FA_SEC2-B	FORTY ACRES ENERGY LLC	West Eumont Unit #216	4500	LOC	Yates-Seven Rivers-Queen	-791.73			21S	35E	2	32.520671	-103.335605																												
30025 INJ_SEC34-PP	FORTY ACRES ENERGY LLC	West Eumont Unit #218	4500	LOC-INJ	Yates-Seven Rivers-Queen	0			21S	35E	2	2580 FEL 85 FNL	32.52199	-103.337648																											

OK

-P4A

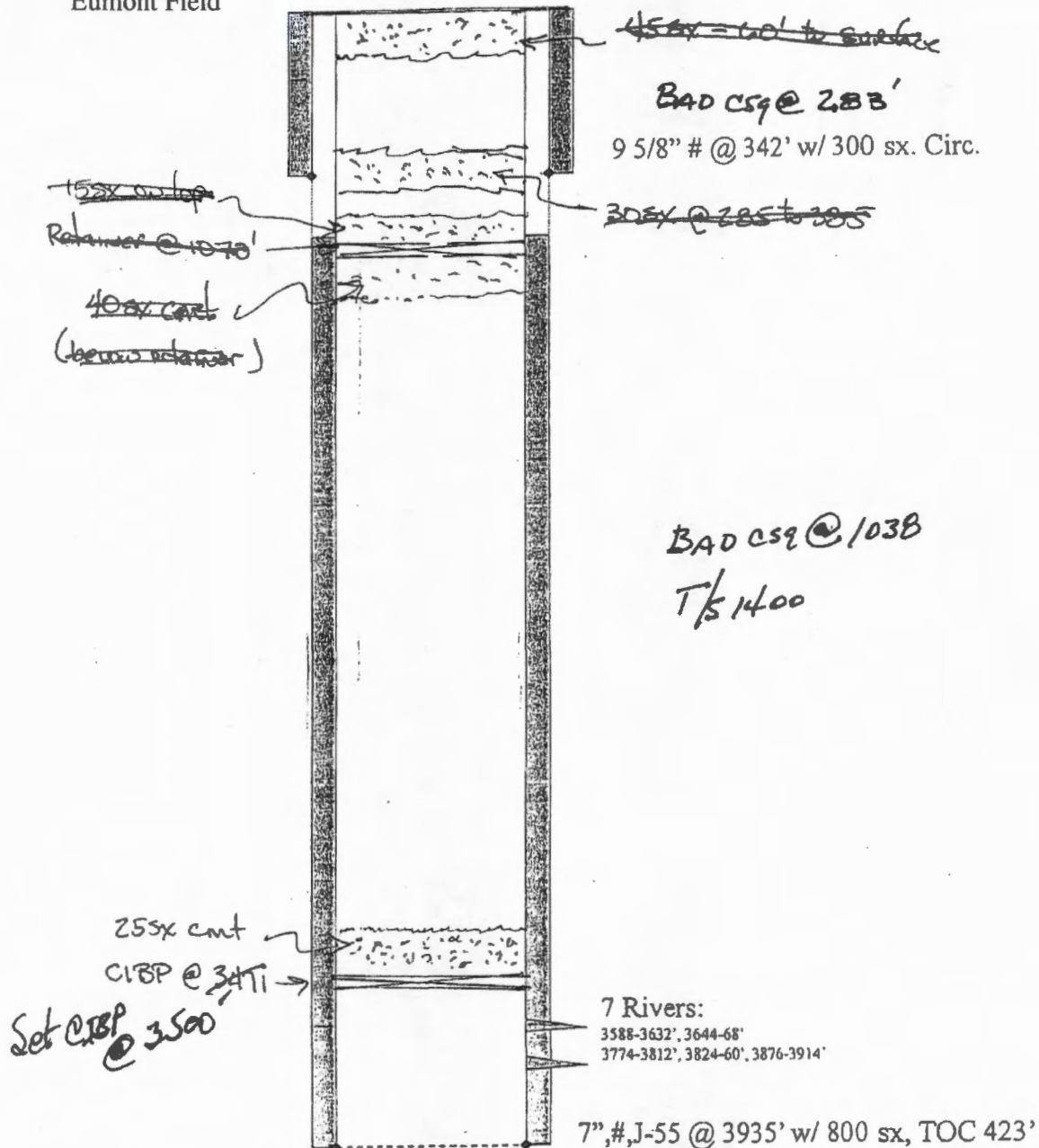
-P4A 824'

LW White #1

API# 30-025-04393
660 FEL 660 FSL,
Sec 34, T20S, R36E Lea Co., NM
Eumont Field

plugged

VI. Exhibit C1



09/25/13 MIRU plugging equipment. ND wellhead. NU BOP. RIH w/ 3500' of tbg.
09/26/13 Circulated hole w/ mud laden fluid. Spotted 35 sx cement @ 3464-3364. Pull out of cement. WOC. Tagged plug @ 3237'. POH to 1400'. Spotted 80 sx cement @ 1400-960. Pull out of cement. WOC.
09/27/13 Tagged plug @ 902'. POH. Perf'd csg @ 400'. Sqz'd 120 sx cement and circulated to surface. ND BOP. Rigged down and moved off.
10/01/13 Moved in backhoe and welder. Dug out cellar. Cut off wellhead. Welded on Above Ground Dry Hole Marker. Backfilled cellar. Dug up and cut off deadmen. Cleaned location. Moved off.

VI. Exhibit C2

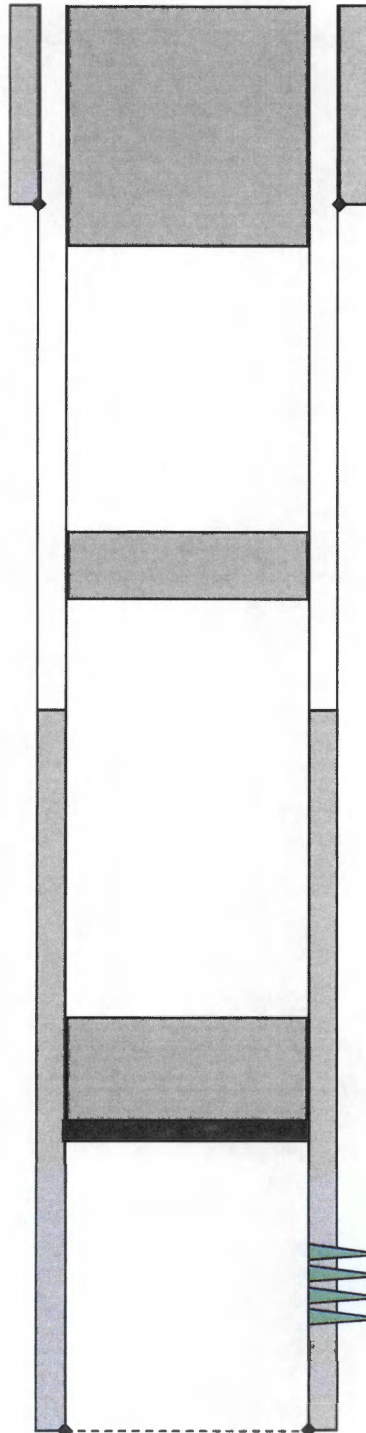
LEA /407/ STATE 6

API# 30-025-24826

990 FWL 990 FNL,

Sec 2, T21S, R35E Lea Co., NM

Eumont Field



8-5/8" 24# @ 345' w/ 200 sx cmt circ
to surface

Cut pipe at 406' – could not pull loose
Spot 40 sx 450' – surface

Cut pipe at 2026' – could not pull loose
Spot 25 sx 2075' – 1925'

Cement plug 3350' – 3125'
CIBP @ 3350'

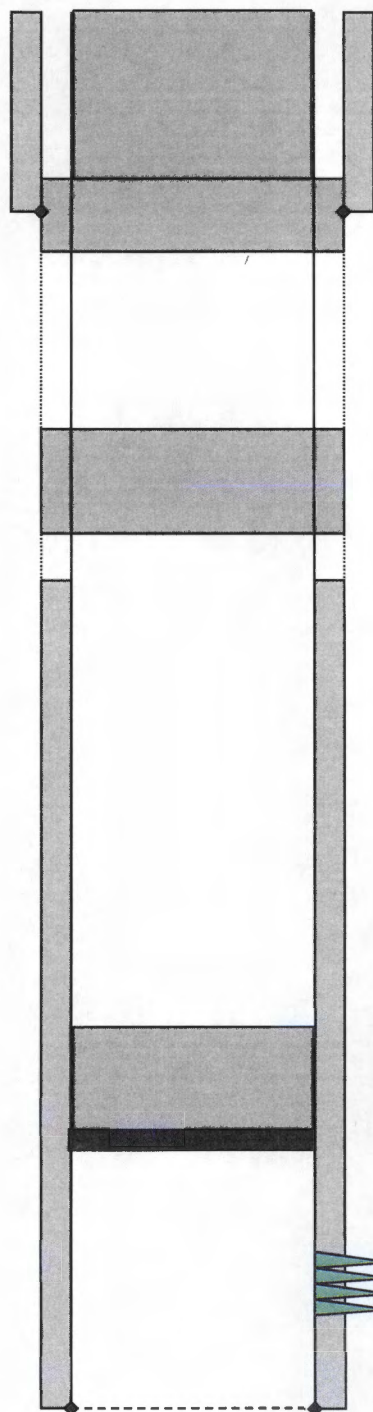
Perfs: 3374' – 3977'

5-1/2 15.5# @ 4000' w/ 275 sx

LW White A 1

API# 30-025-25380
1980 FEL 660 FNL ,
Sec 2, T21S, R35E Lea Co., NM
Eumont Field

VI. Exhibit C3



8 5/8" 24# @ 312' w/ 165sx. Circ.

25 sx 301' - surface

Perf/squeeze 60 sx @ 362' - 301'

Cut pipe at 1810' - could not pull loose
Spot 70 sx 1810' - 1603'

Stimulation:

2/77: 3642-3795' 4000 gal acid, 40000 gal wtr, 23000# sd

Cement plug 3600' - 3203'
CIBP @ 3600'

7 Rivers:

3431-3570', 3642-3795'

4 1/2" 11.5# J-55 @ 4017' w/ 700sx, TOC ?
7 7/8" hole

VII. Proposed Injection Operation

1. Average injection rate target will be ~350 bpd. Maximum injection rate will be 1,000 bpd. These numbers are based off of typical injection rates in nearby Yates-Seven Rivers-Queen water floods.
2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.
3. Average injection pressure will be ~600 psi. Maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.2 psi/ft. The proposed injector will have perforation depths of approximately 3,800' (or 760 psi maximum injection pressure). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 2,280 psi at 3,800').
4. The water source will be produced water from a combination of the Rice SWD system and several potential unit wells if additional supply is needed. The source water will be predominately Grayburg and San Andres formation water which will be treated with 35-50 ppm scale inhibitor.
5. Injection will be into the Yates-Seven Rivers-Queen formation, which is immediately productive in the area.

VIII. Geologic Data

The proposed waterflood will be injecting into the Yates-Seven Rivers-Queen reservoir. The portion that will be injected consists mainly of sandstones interbedded with dolomites and anhydrites. The reservoir quality rocks have porosities ranging from 10% to 20% and averages around 16%.

Formation Tops Are:

Formation	Offset Top (WEU #417) 30-025-44254	Contents
Alluvium	GL	Fresh Water
Rustler	1626	Anhydrite
Salado (top of salt)	1813	Salt
Tansil (base of salt)	3084	Gas, Oil, & Water
Yates	3264	Gas, Oil, & Water
Seven Rivers	3718	Gas, Oil, & Water
Queen	4117	Gas, Oil, & Water
<i>Y-SR-Q Injection Interval</i>	<i>3400-4400</i>	<i>Gas, Oil, & Water</i>
Total Depth	4411	
<i>Grayburg</i>	<i>4600</i>	<i>Gas, Oil, & Water</i>

IX. Proposed Stimulation Program

The new drill injector will be acidized with 3,000 gal 15% HCl for each set of perforations. Acid in the Yates-Seven Rivers-Queen formation is known to break down the perfs and cause injection at lower pressures vs perforating alone. The new drill injectors will not be sand frac'd so there will be better vertical conformance.

X. Logging and Test Data for Wells

This will be new drill injector.

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D) there are 2 INACTIVE water wells within the 1 mile radius around the proposed WEST EUMONT UNIT #218. There are no ACTIVE water wells within the ½ mile radius of these locations. So, no existing underground drinking water sources are above or below the Yates-Seven Rivers-Queen reservoir within a mile radius. See **Exhibit D**.

Forty Acres Energy has obtained water analyses on 2 fresh water wells. The closest water well, the CP-00602, is between 1.5 and 2.1 miles away from each location, 300' (md) deep, and considered a "shallow" water supply. The second well, the CP-00587, is between 3.3 and 3.8 miles away from each location, 250' (md) deep, and considered a "shallow" water supply. See **Exhibits E1 and E2**.

XII. Based on the available geologic and engineering data, it has been determined that there is no evidence of open faults or any other hydrologic connection between the injection zone and shallow fresh water sources. ✓

XIII. Forty Acres Energy, LLC is the only offset operator.

Well: West Eumont Unit #218
 Location: Twn 21S Rge 35E Sec 2
 Footages: 85 FNL 2580 FEL
 County: Lea

XI. Exhibit Da

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **656086.2** mtrs
 Northing (Y): **3599527.65** mtrs

Water Wells Within 1 Mile Radius

**** Inactive****



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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>L 02540</u>	L	LE		3	4	2	34	20S	36E	656191	3600456*	934			
<u>L 02552</u>	L	LE		4	2	34	20S	36E	656292	3600557*		1049	80	45	35
Average Depth to Water:														45 feet	
Minimum Depth:														45 feet	
Maximum Depth:														45 feet	

Record Count: 2

UTM NAD83 Radius Search (in meters):

Easting (X): 656086.2

Northing (Y): 3599527.65

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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.

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WATER COLUMN: AVERAGE DEPTH TO WATER

Well: West Eumont Unit #218
 Location: Twn 21S Rge 35E Sec 2
 Footages: 85 FNL 2580 FEL
 County: Lea

XI. Exhibit Db

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **656086.2** mtrs
 Northing (Y): **3599527.65** mtrs

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	Code	Sub-basin	County	Q	Q	Q	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
Within 1 Mile Radius	L 02540	L	LE		3	4	2	34	20S	36E	656191	3600456*	934			
	L 02552	L	LE		4	2	34	20S	36E	656292	3600557*	1049	80	45	35	
1.4 Miles away	CP 00602 POD1	CP	LE					01	21S	35E	657711	3597976*	2246	300		
Water Analysis Available	L 02584	L	LE		4	4	1	26	20S	36E	657173	3602082*	2775	400	170	230
	L 11184	L	LE		2	2	2	26	20S	36E	657972	3602698*	3688	50		
2.6 Miles away	CP 00587 POD1	CP	LE		1	1	14	21S	35E	655531	3595337*	4227	250			
	L 13394 POD1	L	LE		3	1	4	31	20S	37E	660566	3600165	4525	100	85	15
	L 13393 POD2	L	LE		1	3	2	31	20S	37E	660522	3600635	4572	95	80	15
	L 13393 POD1	L	LE		1	3	2	31	20S	37E	660519	3600663	4576	95	80	15

Average Depth to Water: 92 feet

Minimum Depth: 45 feet

Maximum Depth: 170 feet

Record Count: 9

UTM NAD83 Radius Search (in meters):

Easting (X): 656086.2

Northing (Y): 3599527.65

Radius: 4828

*UTM location was derived from PLSS - see Help

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.

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WATER COLUMN AVERAGE DEPTH TO WATER

XI. Exhibit E1

Impact Water Analysis Report



SYSTEM IDENTIFICATION

Company: Merchant Land and Cattle
Location: Fenceline Watering
Sample Source: Tank
Salesman: David Garcia

Sample ID#: 89925

Sample Date: 12-20-2017
Report Date: 01-02-2018

WATER CHEMISTRY

CATIONS

Calcium(as Ca) 22.08
Magnesium(as Mg) 3.66
Barium(as Ba) 0.01
Strontium(as Sr) 0.36
Potassium(as K) 0.00
Lithium(as Li) 0.00
Iron(as Fe) 0.42
Manganese(as Mn) 0.01

ANIONS

Chloride(as Cl) 300.00
Sulfate(as SO₄) 227.00
Dissolved CO₂(as CO₂) ND
Bicarbonate(as HCO₃) 354.15
H₂S (as H₂S) ND
Boron(as B) 7.57

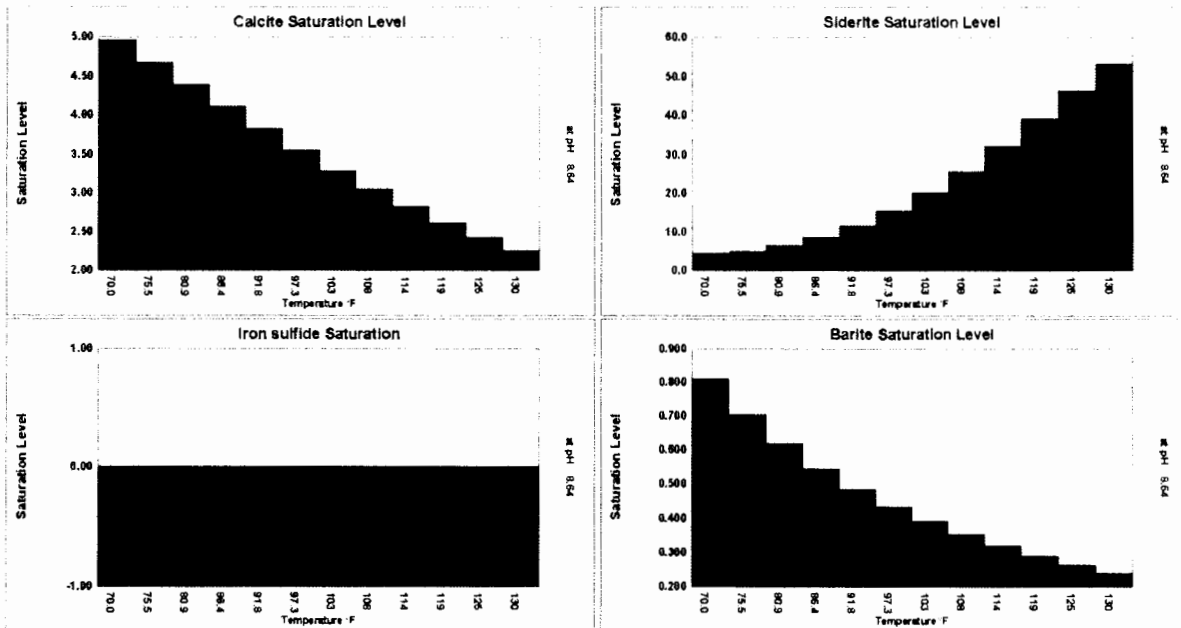
PARAMETERS

Temperature(°F) 77.00
Sample pH 8.55
Conductivity 1805
T.D.S. 1372
Resistivity 554.02
Sp.Gr.(g/mL) 1.00

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackawenite FeS	CO ₂ (mpy)	pCO ₂ (atm)							
70.00	1.00	4.95	11.39	0.00717	-1413	0.0123	-1177	0.809	-0.00563	0.0128	-51.83	4.52	0.0158	0.00	-0.0616	0.00850	0.00197
75.45	10.00	4.68	10.37	0.00713	-1413	0.0119	-1192	0.703	-0.0101	0.0126	-52.37	4.91	0.0176	0.00	-0.0667	0.0142	0.0108
80.91	19.00	4.39	9.37	0.00714	-1407	0.0117	-1205	0.616	-0.0148	0.0125	-52.65	6.41	0.0247	0.00	-0.0712	0.0137	0.0197
86.36	28.00	4.12	8.43	0.00720	-1396	0.0114	-1215	0.544	-0.0200	0.0125	-52.71	8.58	0.0352	0.00	-0.0754	0.0126	0.0286
91.82	37.00	3.83	7.51	0.00731	-1380	0.0112	-1224	0.484	-0.0254	0.0125	-52.60	11.57	0.0501	0.00	-0.0793	0.0117	0.0374
97.27	46.00	3.56	6.66	0.00746	-1359	0.0110	-1232	0.433	-0.0312	0.0126	-52.36	15.39	0.0700	0.00	-0.0828	0.0111	0.0463
102.73	55.00	3.29	5.86	0.00766	-1334	0.0109	-1238	0.390	-0.0372	0.0127	-52.01	20.13	0.0958	0.00	-0.0858	0.0107	0.0552
108.18	64.00	3.05	5.14	0.00791	-1306	0.0112	-1212	0.353	-0.0436	0.0128	-51.62	25.74	0.128	0.00	-0.0884	0.00962	0.0641
113.64	73.00	2.82	4.49	0.00821	-1274	0.0116	-1184	0.320	-0.0506	0.0129	-51.26	32.16	0.166	0.00	-0.0908	0.00851	0.0729
119.09	82.00	2.61	3.90	0.00857	-1240	0.0120	-1157	0.290	-0.0581	0.0130	-50.92	39.15	0.210	0.00	-0.0931	0.00758	0.0818
124.55	91.00	2.43	3.40	0.00898	-1203	0.0124	-1131	0.264	-0.0663	0.0131	-50.62	46.21	0.256	0.00	-0.0956	0.00677	0.0907
130.00	100.00	2.25	2.94	0.00945	-1164	0.0128	-1106	0.240	-0.0752	0.0131	-50.34	53.10	0.303	0.00	-0.0987	0.00605	0.0995
		xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L		

Saturation Level (xSAT) are the ratio of ion activity to solubility, i.e., (Ca²⁺/Ca_{sp})/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase.
mg/L scale is the quantity of precipitate (or dissolution) required to instantaneously bring the water to equilibrium.



XI. Exhibit E2

Impact Water Analysis Report



CP-00587

SYSTEM IDENTIFICATION

Company: Merchant Land and Cattle
Location: Scharbauer Watering
Sample Source: Tank
Salesman: David Garcia

Sample ID#: 89924

Sample Date: 12-20-2017
Report Date: 01-02-2018

WATER CHEMISTRY

CATIONS

Calcium(as Ca) 14.85
Magnesium(as Mg) 2.74
Barium(as Ba) 0.04
Strontium(as Sr) 0.35
Potassium(as K) 0.06
Lithium(as Li) 0.00
Iron(as Fe) 0.10
Manganese(as Mn) 0.01

ANIONS

Chloride(as Cl) 300.00
Sulfate(as SO₄) 324.00
Dissolved CO₂(as CO₂) ND
Bicarbonate(as HCO₃) 354.15
H₂S (as H₂S) ND
Boron(as B) 12.71

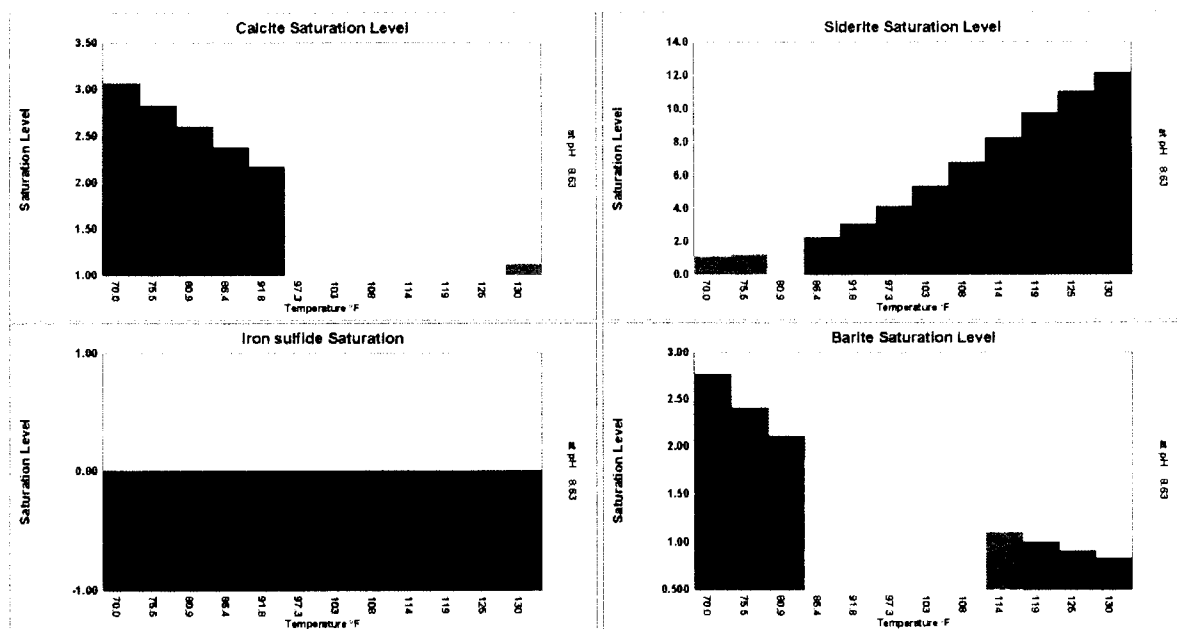
PARAMETERS

Temperature(°F) 77.00
Sample pH 8.53
Conductivity 1959
T.D.S. 1540
Resistivity 510.46
Sp.Gr.(g/mL) 1.00

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackawenite FeS	CO ₂ (mpy)	pCO ₂ (atm)							
70.00	1.00	3.06	8.42	0.00635	-1406	0.0109	-1161	2.76	0.0380	0.0168	-39.84	1.07	< 0.001	0.00	-0.0666	0.00838	0.00205
75.45	10.00	2.82	7.37	0.00632	-1406	0.0106	-1176	2.40	0.0347	0.0166	-40.26	1.20	< 0.001	0.00	-0.0729	0.0129	0.0113
80.91	19.00	2.60	6.38	0.00632	-1400	0.0103	-1189	2.11	0.0312	0.0165	-40.48	1.61	0.00305	0.00	-0.0794	0.00889	0.0205
86.36	28.00	2.38	5.43	0.00638	-1389	0.0101	-1200	1.86	0.0275	0.0165	-40.53	2.22	0.00630	0.00	-0.0863	0.00101	0.0298
91.82	37.00	2.17	4.54	0.00647	-1372	0.00992	-1209	1.65	0.0235	0.0165	-40.44	3.03	0.0110	0.00	-0.0935	0.0120	0.0390
97.27	46.00	1.97	3.72	0.00660	-1352	0.00975	-1217	1.48	0.0193	0.0166	-40.24	4.08	0.0175	0.00	-0.101	0.0114	0.0483
102.73	55.00	1.79	2.99	0.00677	-1326	0.00961	-1223	1.34	0.0149	0.0168	-39.95	5.32	0.0257	0.00	-0.109	0.0110	0.0575
108.18	64.00	1.62	2.32	0.00699	-1298	0.00990	-1197	1.21	0.0102	0.0169	-39.63	6.74	0.0359	0.00	-0.117	0.00988	0.0668
113.64	73.00	1.47	1.75	0.00725	-1265	0.0102	-1168	1.10	0.00518	0.0170	-39.33	8.22	0.0473	0.00	-0.125	0.00873	0.0760
119.09	82.00	1.34	1.24	0.00756	-1230	0.0106	-1141	0.995	> -0.001	0.0172	-39.06	9.69	0.0598	0.00	-0.134	0.00778	0.0852
124.55	91.00	1.22	0.805	0.00791	-1193	0.0109	-1115	0.905	-0.00627	0.0173	-38.81	11.02	0.0720	0.00	-0.144	0.00695	0.0945
130.00	100.00	1.12	0.429	0.00832	-1153	0.0113	-1090	0.824	-0.0127	0.0174	-38.58	12.13	0.0834	0.00	-0.154	0.00621	0.104
		xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L		

Saturation levels (xSAT) are the ratio of ion activity to solubility, e.g., $xSAT(Ca^{2+}) = \frac{a(Ca^{2+})}{K_{sp}(CaCO_3)}$ (atm) is the partial pressure of CO₂ in the gas phase.
mg/L scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



WEU #218 1/2 Mi Radius

Wells Within 1/2 Mile Radius		WELL TYPE		CURRENT ZONE		Distance In Feet From:		SPUD DATE	
UWI/API	OPERATOR	LABEL	TD	WELL TYPE	CURRENT ZONE	WEST EUMONT UNIT #218	WEST EUMONT UNIT #218	SPUD DATE	SPUD DATE
30025033740000	FORTY ACRES ENERGY LLC	West Eumont Unit #206	4104	GAS	Yates-Seven Rivers-Queen	1989.32	1989.32	12/13/1955	12/13/1955
30025033760000	FORTY ACRES ENERGY LLC	West Eumont Unit #204	4030	OIL	Yates-Seven Rivers-Queen	2072.82	2072.82	9/12/1955	9/12/1955
30025043930000	FINLEY RESOURCES INCORPORATED	LW WHITE #1	3935	ABO&GW	Yates-Seven Rivers-Queen	981.79	981.79	6/17/1954	6/17/1954
30025043970000	FORTY ACRES ENERGY LLC	West Eumont Unit #402	3936	GAS	Yates-Seven Rivers-Queen	2283.77	2283.77	11/26/1954	11/26/1954
30025044120000	FORTY ACRES ENERGY, LLC	LW WHITE NCT B TRACT A #5	4214	DERRICK	Yates-Seven Rivers-Queen	2127.7	2127.7	4/13/1955	4/13/1955
30025241980000	FORTY ACRES ENERGY LLC	West Eumont Unit #209	4000	OIL	Yates-Seven Rivers-Queen	1963.63	1963.63	7/22/1972	7/22/1972
30025247860000	FORTY ACRES ENERGY, LLC	LW White 2	4190	DERRICK	Yates-Seven Rivers-Queen	953.26	953.26	6/26/1974	6/26/1974
30025248260000	FINLEY RESOURCES INCORPORATED	LEA /407/ STATE 6	4000	PLUGOIL	Yates-Seven Rivers-Queen	1954.53	1954.53	10/18/1974	10/18/1974
30025253800000	FINLEY RESOURCES INCORPORATED	LW WHITE A 1	4000	PLUGOIL	Yates-Seven Rivers-Queen	849.53	849.53	2/8/1977	2/8/1977
30025274000000	WARRIOR INCORPORATED	WHITE L R '34' 2	824	JNK	Junked	2112.38	2112.38	12/13/1980	12/13/1980
30025272200000	FORTY ACRES ENERGY, LLC	West Eumont Unit #418	4106	OIL	Yates-Seven Rivers-Queen	2107.02	2107.02	2/12/1981	2/12/1981
30025442540000	FORTY ACRES ENERGY, LLC	West Eumont Unit #417	4411	OIL	Yates-Seven Rivers-Queen	950.12	950.12	1/20/2018	1/20/2018
30025442070000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #211	4466	INJ	Yates-Seven Rivers-Queen	1653.14	1653.14	2/6/2018	2/6/2018
30025442080000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #212	4499	INJ	Yates-Seven Rivers-Queen	1099.86	1099.86	3/27/2018	3/27/2018
30025442090000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #213	4500	INJ	Yates-Seven Rivers-Queen	2244.86	2244.86	2/20/2018	2/20/2018
30025_FA_SEC2-B	FORTY ACRES ENERGY, LLC	West Eumont Unit #216	4500	LOC	Yates-Seven Rivers-Queen	~791.73	~791.73		
30025_INJ_SEC34-PP	FORTY ACRES ENERGY, LLC	West Eumont Unit #218	4500	LOC-INJ	Yates-Seven Rivers-Queen	0	0		

COMP DATE	TOWNSHIP	RANGE	SECTION	Nad 27	
				FOOTAGE	SURFLAT SURFLON
12/30/1955	21S	35E	2	660 FEL 660 FNL	32.52025 -103.33153
10/4/1955	21S	35E	2	1980 FWL 1980 FNL	32.51664 -103.33996
7/13/1954	20S	36E	34	660 FEL 660 FSL	32.52391 -103.33541
1/6/1955	20S	36E	34	1652 FWL 330 FSL	32.523 -103.34496
12/7/1955	20S	36E	35	660 FWL 660 FSL	32.52389 -103.33112
9/1/1972	21S	35E	2	1980 FEL 1906 FNL	32.51683 -103.33578
7/30/1974	21S	35E	2	1980 FWL 660 FNL	32.52025 -103.33996
10/31/1974	21S	35E	2	990 FWL 990 FNL	32.51935 -103.34317
3/9/1977	21S	35E	2	1980 FEL 660 FNL	32.52025 -103.33581
1/12/1981	20S	36E	34	1980 FEL 1980 FSL	32.52754 -103.33966
4/29/1981	20S	36E	34	1960 FEL 1980 FSL	32.52754 -103.3396
3/1/2018	20S	36E	34	1980 FEL 660 FSL	32.524035 -103.339565
	21S	35E	2	1345 FEL 1185 FNL	32.518967 -103.333644
	21S	35E	2	2580 FEL 1185 FNL	32.518967 -103.33765
	21S	35E	2	2620 FEL 2330 FNL	32.51821 -103.337782
					32.520671 -103.335605
	21S	35E	2	2580 FEL 85 FNL	32.52199 -103.337648

WEU #218 2 Mi Radius Wells

Wells Within 2 Mile Radius	UWI/API	OPERATOR	LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	SURFLAT	SURFLIN	Mod 27
	30025033690000	CITATION OIL & GAS CORPORATION	STATE M 6	3820	OIL	Yates-Seven Rivers-Queen	9/23/1954	10/1/1954	21S	35E	1	1980 FEL 3224 FNL	32.51329	-103.3186	
	30025033690001	CITATION OIL & GAS CORPORATION	STATE M 6	3820	OIL	Yates-Seven Rivers-Queen	9/23/1954	3/18/1963	21S	35E	1	1980 FEL 3224 FNL	32.51329	-103.3186	
	30025033700000	CITATION OIL & GAS CORPORATION	STATE M 7	3835	OIL	Yates-Seven Rivers-Queen	1/22/1955	2/9/1955	21S	35E	1	2310 FEL 1980 FNL	32.51671	-103.31967	
	30025033710000	CITATION OIL & GAS CORPORATION	STATE M 8	3844	OIL	Yates-Seven Rivers-Queen	2/21/1955	3/27/1955	21S	35E	1	2310 FEL 914 FNL	32.51964	-103.31967	
	30025033710001	CITATION OIL & GAS CORPORATION	STATE M 8	3844	GAS	Yates-Seven Rivers-Queen	8/29/2006	9/29/2006	21S	35E	1	2310 FEL 914 FNL	32.51964	-103.31967	
	30025033720000	FORTY ACRES ENERGY LLC	West Eumont Unit #205	4410	OIL	Yates-Seven Rivers-Queen	11/9/1955	12/6/1955	21S	35E	2	1980 FNL 3300 FSL	32.50973	-103.33996	
	30025033730000	FORTY ACRES ENERGY LLC	West Eumont Unit #208	3907	OIL	Yates-Seven Rivers-Queen	12/17/1956	12/20/1956	21S	35E	2	330 FNL 3554 FNL	32.51231	-103.33153	
	30025033740000	FORTY ACRES ENERGY LLC	West Eumont Unit #206	4104	GAS	Yates-Seven Rivers-Queen	12/13/1955	12/30/1955	21S	35E	2	660 FEL 660 FNL	32.50205	-103.33153	
	30025033750000	FINLEY RESOURCES INCORPORATED	STATE-LEA 407 1	3915	PLUGOIL	Yates-Seven Rivers-Queen	8/25/1955	9/8/1955	21S	35E	2	1980 FNL 1980 FSL	32.5061	-103.33996	
	30025033760000	FORTY ACRES ENERGY LLC	West Eumont Unit #204	4030	OIL	Yates-Seven Rivers-Queen	9/12/1955	10/4/1955	21S	35E	2	1980 FNL 1980 FNL	32.51684	-103.33996	
	30025033770000	SINCLAIR OIL & GAS COMPANY	STATE-LEA 407 3	3925	P&A	Yates-Seven Rivers-Queen	10/19/1955	11/18/1955	21S	35E	2	2310 FNL 660 FSL	32.50247	-103.33888	
	30025033780000	FORTY ACRES ENERGY LLC	West Eumont Unit #207	3925	GAS	Yates-Seven Rivers-Queen	3/16/1956	9/26/1956	21S	35E	2	330 FNL 1904 FNL	32.51684	-103.34532	
	30025033790000	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 1	4065	PLUGGAS	Yates-Seven Rivers-Queen	5/9/1954	6/22/1954	21S	35E	2	660 FEL 660 FSL	32.50248	-103.31138	
	30025033790001	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 1	4065	PLUGGAS	Yates-Seven Rivers-Queen	9/30/1981	10/6/1981	21S	35E	2	660 FEL 660 FSL	32.50248	-103.31138	
	30025033800000	APACHE CORPORATION	STATE WE B' 3"	3890	PLUGOIL	Yates-Seven Rivers-Queen	8/1/1954	8/23/1954	21S	35E	1	1980 FNL 1980 FNL	32.51667	-103.32793	
	30025033800001	APACHE CORPORATION	STATE WE B' 3"	3890	PLUGOIL	Yates-Seven Rivers-Queen	9/10/1954	9/15/1954	21S	35E	1	1980 FNL 1980 FNL	32.51667	-103.32793	
	30025033810000	APACHE CORPORATION	STATE WE B' 4"	3870	PLUGOIL	Yates-Seven Rivers-Queen	8/24/1954	9/11/1954	21S	35E	1	1980 FNL 662 FNL	32.50209	-103.32796	
	30025033820000	FORTY ACRES ENERGY LLC	West Eumont Unit #105	4150	TA	Yates-Seven Rivers-Queen	5/5/1954	6/26/1954	21S	35E	1	1980 FNL 3300 FSL	32.50975	-103.32827	
	30025033820001	FORTY ACRES ENERGY LLC	STATE WE F' 1"	4150	OIL	Yates-Seven Rivers-Queen	10/3/1980	6/30/1981	21S	35E	1	1980 FNL 3300 FSL	32.50975	-103.32827	
	30025033830000	FORTY ACRES ENERGY LLC	West Eumont Unit #107	3930	OIL	Yates-Seven Rivers-Queen	7/11/1954	7/31/1954	21S	35E	1	660 FNL 4620 FSL	32.51337	-103.32719	
	30025033840000	FORTY ACRES ENERGY LLC	West Eumont Unit #111	3890	GAS	Yates-Seven Rivers-Queen	7/2/1955	7/16/1955	21S	35E	1	1980 FNL 3226 FNL	32.51324	-103.32729	
	30025033840001	FORTY ACRES ENERGY LLC	STATE WE F' 3"	3890	O&G	Yates-Seven Rivers-Queen	7/2/1955	7/16/1955	21S	35E	1	1980 FNL 3226 FNL	32.51324	-103.32729	
	30025033850000	FORTY ACRES ENERGY LLC	West Eumont Unit #102	3929	GAS	Yates-Seven Rivers-Queen	11/15/1953	1/27/1954	21S	35E	1	1980 FNL 660 FSL	32.5025	-103.32281	
	30025033850001	FORTY ACRES ENERGY LLC	GULF-STATE 1	3929	O&G	Yates-Seven Rivers-Queen	3/3/1954	9/10/1954	21S	35E	1	1980 FNL 660 FSL	32.5025	-103.32281	
	30025033860000	HARVARD PETROLEUM CO LLC	GULF-STATE 2	3950	PLUGOIL	Yates-Seven Rivers-Queen	3/28/1954	4/20/1954	21S	35E	1	660 FNL 660 FSL	32.50249	-103.32709	
	30025033870000	FORTY ACRES ENERGY LLC	West Eumont Unit #106	3900	OIL	Yates-Seven Rivers-Queen	6/11/1954	6/26/1954	21S	35E	1	660 FNL 1980 FSL	32.50611	-103.32713	
	30025033880000	HARVARD PETROLEUM CO LLC	GULF-STATE 4	3920	PLUGOIL	Yates-Seven Rivers-Queen	8/11/1954	9/1/1954	21S	35E	1	2310 FNL 2310 FSL	32.50704	-103.32178	
	30025033890000	OXY INC	LW WHITE NCT B TR B #2	3850	PLUGOIL	Yates-Seven Rivers-Queen	11/7/1954	12/10/1954	21S	35E	1	990 FNL 660 FNL	32.50207	-103.32618	
	30025033900000	CITATION OIL & GAS CORPORATION	ENDURA-STATE L 2	3905	OIL	Yates-Seven Rivers-Queen	11/10/1937	1/12/1938	21S	35E	1	330 FEL 990 FSL	32.50343	-103.31325	
	30025033900001	CITATION OIL & GAS CORPORATION	STATE L 2	3905	O&G	Yates-Seven Rivers-Queen	1/30/1953	2/6/1953	21S	35E	1	330 FEL 990 FSL	32.50343	-103.31325	
	30025033910000	CITATION OIL & GAS CORPORATION	STATE L 3	3908	OIL	Yates-Seven Rivers-Queen	5/31/1954	6/22/1954	21S	35E	1	1980 FEL 660 FSL	32.50251	-103.3186	
	30025033910001	CITATION OIL & GAS CORPORATION	STATE L 3	3908	GAS	Yates-Seven Rivers-Queen	7/23/2004	8/23/2004	21S	35E	1	1980 FEL 660 FSL	32.50251	-103.3186	
	30025033920000	CITATION OIL & GAS CORPORATION	STATE L 4	3895	OIL	Yates-Seven Rivers-Queen	7/5/1954	8/1/1954	21S	35E	1	1980 FEL 1980 FSL	32.50614	-103.3186	
	30025033920001	CITATION OIL & GAS CORPORATION	STATE L 4	3895	OIL	Yates-Seven Rivers-Queen	1/1/1962	3/2/1962	21S	35E	1	1980 FEL 1980 FSL	32.50614	-103.3186	
	30025033920002	CITATION OIL & GAS CORPORATION	STATE L 4	3895	GAS	Yates-Seven Rivers-Queen	12/1/2006	1/1/2007	21S	35E	1	1980 FEL 1980 FSL	32.50614	-103.3186	
	30025033930000	CITATION OIL & GAS CORPORATION	STATE L 2-A	3905	OIL	Yates-Seven Rivers-Queen	2/6/1955	2/27/1955	21S	35E	1	990 FEL 330 FSL	32.50161	-103.31539	
	30025033940000	CITATION OIL & GAS CORPORATION	STATE M 1	3847	OIL	Yates-Seven Rivers-Queen	1/21/1937	3/13/1937	21S	35E	1	660 FEL 1980 FNL	32.51673	-103.31432	
	30025033940001	CITATION OIL & GAS CORPORATION	STATE 'M' 1	3847	OIL	Yates-Seven Rivers-Queen	1/12/1981	1/20/1981	21S	35E	1	660 FEL 1980 FNL	32.51673	-103.31432	
	30025033940002	CITATION OIL & GAS CORPORATION	STATE 'M' 1	3847	OIL	Yates-Seven Rivers-Queen	12/2/1981	1/4/1982	21S	35E	1	660 FEL 1980 FNL	32.51673	-103.31432	
	30025033950000	CITATION OIL & GAS CORPORATION	STATE M 4	3865	OIL	Yates-Seven Rivers-Queen	6/2/1937	7/1/1937	21S	35E	1	660 FEL 4620 FNL	32.50947	-103.31432	
	30025033950001	CITATION OIL & GAS CORPORATION	STATE M 4	3865	GAS	Yates-Seven Rivers-Queen	12/28/1952	6/28/1953	21S	35E	1	660 FEL 4620 FNL	32.50947	-103.31432	
	30025033960000	CITATION OIL & GAS CORPORATION	STATE M 5	3890	OIL	Yates-Seven Rivers-Queen	8/23/1954	9/12/1954	21S	35E	1	1980 FEL 3300 FSL	32.50977	-103.3186	
	30025033970000	FORTY ACRES ENERGY LLC	West Eumont Unit #201	3900	OIL	Yates-Seven Rivers-Queen	11/5/1954	11/29/1954	21S	35E	2	330 FEL 2970 FSL	32.50883	-103.33036	
	30025033970001	FORTY ACRES ENERGY LLC	MEXICO 'W' 2	3900	OIL	Yates-Seven Rivers-Queen	10/6/1981	10/13/1981	21S	35E	2	330 FEL 2970 FSL	32.50883	-103.33036	
	30025033980000	FORTY ACRES ENERGY LLC	West Eumont Unit #202	4204	OIL	Yates-Seven Rivers-Queen	12/11/1954	12/31/1954	21S	35E	2	330 FEL 2173 FSL	32.50664	-103.33034	
	30025033980001	FORTY ACRES ENERGY LLC	MEXICO 'W' 3	3915	OIL	Yates-Seven Rivers-Queen	10/20/1981	10/27/1981	21S	35E	2	330 FEL 2173 FSL	32.50664	-103.33034	
	30025033990000	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 4	3907	PLUGOIL	Yates-Seven Rivers-Queen	2/8/1955	2/28/1955	21S	35E	2	660 FEL 3300 FNL	32.513	-103.33147	
	30025033990001	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 4	3907	PLUGGAS	Yates-Seven Rivers-Queen	3/7/1981	3/16/1981	21S	35E	2	660 FEL 3300 FNL	32.513	-103.33147	
	30025034000000	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 5	4000	PLUGOIL	Yates-Seven Rivers-Queen	10/28/1955	11/17/1955	21S	35E	2	2310 FEL 1650 FSL	32.5052	-103.33675	

WEU #218 2 Mi Radius Wells

30025034000001	CHESAPEAKE OPERATING INCORPORATED	MEXICO 'W' 5	4000	PLUGOIL	Yates-Seven Rivers-Queen	9/7/1981	9/14/1981	215	35E	2	2310 FEL 1650 FSL	32.5052	-103.33675
300250340100000	FORTY ACRES ENERGY LLC	West Emumt Unit #203	4031	OIL	Yates-Seven Rivers-Queen	12/15/1954	1/18/1955	215	35E	2	660 FEL 1904 FNL	32.51683	-103.3315
300250340200000	FORTY ACRES ENERGY LLC	West Emumt Unit #304	3910	OIL	Yates-Seven Rivers-Queen	7/10/1956	10/2/1956	215	35E	3	330 FEL 3274 FNL	32.51322	-103.34746
300250340300000	FINLEY RESOURCES INCORPORATED	STATE AK 2	3940	PLUGOIL	Yates-Seven Rivers-Queen	10/10/1956	12/7/1956	215	35E	3	330 FEL 4214 FNL	32.5105	-103.34746
300250340300001	FINLEY RESOURCES INCORPORATED	STATE AK 2	3940	PLUGOIL	Yates-Seven Rivers-Queen	12/24/1958	1/5/1959	215	35E	3	330 FEL 4214 FNL	32.5105	-103.34746
300250340400000	FINLEY RESOURCES INCORPORATED	STATE AK 3	3935	PLUGOIL	Yates-Seven Rivers-Queen	2/1/1957	2/23/1957	215	35E	3	1650 FEL 2897 FNL	32.51416	-103.35174
300250340500000	FINLEY RESOURCES INCORPORATED	STATE AK 4	3922	PLUGAS	Yates-Seven Rivers-Queen	3/26/1957	7/17/1957	215	35E	3	1650 FEL 4214 FNL	32.51054	-103.35174
300250340600000	RESLER & SHELTON	EUMONT 1	3880	DRY	DRY	4/1/1959	4/13/1959	215	35E	3	330 FEL 3275 FNL	32.50701	-103.34746
300250340700000	FINLEY RESOURCES INCORPORATED	ATLANTIC-STATE 1	3870	PLUGOIL	Yates-Seven Rivers-Queen	1/3/1959	1/30/1959	215	35E	3	2310 FNL 3225 FNL	32.51329	-103.35608
300250340800000	FORTY ACRES ENERGY LLC	West Emumt Unit #305	3892	OIL	Yates-Seven Rivers-Queen	6/30/1958	7/14/1958	215	35E	3	2310 FNL 330 FNL	32.52125	-103.35609
300250340900000	RESLER & SHELTON	WILSON-STATE B 2	3876	PLUGOIL	Yates-Seven Rivers-Queen	7/30/1958	8/9/1958	215	35E	3	1880 FNL 1980 FNL	32.51672	-103.35748
300250341000000	RESLER & SHELTON	WILSON-STATE B 3	3915	PLUGOIL	Yates-Seven Rivers-Queen	12/21/1958	12/23/1958	215	35E	3	660 FNL 1900 FNL	32.51696	-103.35748
300250341100000	WILSON OIL	AMERADA-STATE C 1	3880	DRY	Yates-Seven Rivers-Queen	12/9/1958	12/19/1958	215	35E	3	330 FEL 660 FSL	32.50247	-103.34746
300250341200000	FORTY ACRES ENERGY LLC	West Emumt Unit #301	3930	OIL	Yates-Seven Rivers-Queen	11/25/1955	12/21/1955	215	35E	3	660 FEL 660 FSL	32.52028	-103.34853
300250341300000	FORTY ACRES ENERGY LLC	West Emumt Unit #302	3956	OIL	Yates-Seven Rivers-Queen	12/17/1955	1/8/1956	215	35E	3	1650 FEL 330 FNL	32.52121	-103.35174
300250341400000	MCINROE BRADLEY DBA BIG AL OIL	STATE 334 2	3956	OIL	Yates-Seven Rivers-Queen	7/14/1981	8/27/1981	215	35E	3	1650 FEL 330 FNL	32.52121	-103.35174
300250341500000	MCINROE BRADLEY DBA BIG AL OIL	West Emumt Unit #303	3922	OIL	Yates-Seven Rivers-Queen	3/18/1956	4/5/1956	215	35E	3	330 FEL 1980 FNL	32.51664	-103.34746
300250341600000	SUPERIOR OIL COMPANY THE	STATE 334 4	3960	PLUGOIL	Yates-Seven Rivers-Queen	4/3/1956	4/27/1956	215	35E	3	1650 FEL 1575 FNL	32.51779	-103.35174
300250344100000	FORTY ACRES ENERGY LLC	West Emumt Unit #103	3956	GAS	Yates-Seven Rivers-Queen	12/13/1953	12/27/1954	215	35E	11	330 FEL 660 FNL	32.49885	-103.33029
300250344200000	FORTY ACRES ENERGY LLC	West Emumt Unit #108	3900	OIL	Yates-Seven Rivers-Queen	11/16/1954	1/16/1955	215	35E	11	1650 FEL 1650 FNL	32.49613	-103.33565
300250344300000	FORTY ACRES ENERGY LLC	West Emumt Unit #109	3900	OIL	Yates-Seven Rivers-Queen	5/12/1955	5/29/1955	215	35E	11	1980 FEL 1650 FNL	32.49613	-103.33565
300250344400000	FORTY ACRES ENERGY LLC	WILSON STATE 3	3900	OIL	Yates-Seven Rivers-Queen	5/9/2011	6/9/2011	215	35E	11	1980 FEL 1650 FNL	32.49613	-103.33565
300250344500000	FORTY ACRES ENERGY LLC	West Emumt Unit #110	3866	OIL	Yates-Seven Rivers-Queen	3/3/1957	6/13/1957	215	35E	11	990 FEL 2310 FNL	32.49431	-103.33244
300250344600000	FORTY ACRES ENERGY LLC	West Emumt Unit #104	3910	O&G	Yates-Seven Rivers-Queen	1/21/1954	2/11/1954	215	35E	12	990 FNL 660 FNL	32.49887	-103.32601
300250344700000	FORTY ACRES ENERGY LLC	STATE WEA 3	3930	PLUGOIL	Yates-Seven Rivers-Queen	2/19/1954	3/10/1954	215	35E	12	990 FNL 660 FNL	32.49887	-103.32601
300250344800000	APACHE CORPORATION	STATE A 4	3910	OIL	Yates-Seven Rivers-Queen	3/29/1954	4/26/1954	215	35E	12	1980 FEL 660 FNL	32.49888	-103.3186
300250345800000	CITATION OIL & GAS CORPORATION	STATE A 4	3910	GAS	Yates-Seven Rivers-Queen	9/6/2006	10/6/2006	215	35E	12	1980 FEL 660 FNL	32.49888	-103.3186
300250345900000	CITATION OIL & GAS CORPORATION	STATE A 4	3910	GAS	Yates-Seven Rivers-Queen	6/1/1937	6/18/1937	205	36E	25	1980 FNL 660 FSL	32.53846	-103.30958
300250432800000	FINLEY RESOURCES INCORPORATED	FOPEANO 1	3850	PLUGOIL	Grayburg-San Andres	11/16/1937	12/4/1937	205	36E	25	660 FNL 660 FSL	32.53847	-103.31387
300250432900000	HUMBLE OIL & REFINING COMPANY	FOPEANO-FEDERAL A/C 3	3855	PLUGOIL	Yates-Seven Rivers-Queen	10/2/1937	11/5/1937	205	36E	25	660 FNL 1980 FSL	32.5421	-103.31387
300250433300000	CHEVRON U S A INCORPORATED	GILLULY-FED B A/A 1	3854	PLUGOIL	Yates-Seven Rivers-Queen	6/21/1954	7/30/1954	205	36E	26	660 FNL 1980 FSL	32.54586	-103.33102
300250433600000	FORTY ACRES ENERGY LLC	West Emumt Unit #509	4145	OIL	Yates-Seven Rivers-Queen	7/30/1954	8/24/1954	205	36E	26	660 FNL 660 FNL	32.54586	-103.33102
300250433700000	FINLEY RESOURCES INCORPORATED	FEDERAL D #2	3990	P&A	Yates-Seven Rivers-Queen	9/20/1954	10/14/1954	205	36E	26	660 FNL 660 FNL	32.54949	-103.33102
300250433800000	FINLEY RESOURCES INCORPORATED	FEDERAL D-4	3980	PLUGOIL	Yates-Seven Rivers-Queen	1/10/1955	2/3/1955	205	36E	26	660 FNL 660 FSL	32.53848	-103.33103
300250433900000	FORTY ACRES ENERGY LLC	West Emumt Unit #514	4025	OIL	Yates-Seven Rivers-Queen	2/5/1955	2/25/1955	205	36E	26	1980 FNL 660 FSL	32.53848	-103.32675
300250434000000	FORTY ACRES ENERGY LLC	West Emumt Unit #516	3960	OIL	Yates-Seven Rivers-Queen	2/6/1955	3/17/1955	205	36E	26	1980 FNL 1980 FSL	32.5421	-103.32674
300250434100000	FINLEY RESOURCES INCORPORATED	FEDERAL D #7	4520	PLUGOIL	Yates-Seven Rivers-Queen	3/19/1955	4/5/1955	205	36E	26	1980 FNL 1980 FNL	32.54584	-103.32674
300250434200000	FORTY ACRES ENERGY LLC	West Emumt Unit #518	3940	OIL	Yates-Seven Rivers-Queen	12/1/1938	12/4/1938	205	36E	26	1650 FEL 2310 FSL	32.54301	-103.31708
300250434300000	FORTY ACRES ENERGY LLC	West Emumt Unit #507	3780	OIL	Yates-Seven Rivers-Queen	3/10/1938	5/22/1938	205	36E	26	330 FEL 2310 FSL	32.54301	-103.31708
300250434500000	FORTY ACRES ENERGY LLC	ELLIOTT FEDERAL COM #2	3780	OIL	Yates-Seven Rivers-Queen	12/1/1938	12/2/1938	205	36E	26	1650 FEL 2310 FSL	32.54301	-103.31708
300250434600000	VANGUARD PERMIAN LLC	ELLIOTT FEDERAL COM #2	3780	OIL	Yates-Seven Rivers-Queen	11/3/1982	11/14/1982	205	36E	26	1650 FEL 2310 FSL	32.54301	-103.31708
300250434700000	VANGUARD PERMIAN LLC	ELLIOTT FEDERAL COM #2	3780	OIL	Yates-Seven Rivers-Queen	12/2/1945	8/7/1946	205	36E	26	1650 FEL 2309 FNL	32.54491	-103.32137
300250434800000	MCCLAVIN OIL & GAS PROPERTIES INC	SHAFTER-STATE A 2	4290	PLUGOIL	Yates-Seven Rivers-Queen	3/23/1938	3/31/1938	205	36E	26	660 FEL 660 FSL	32.53848	-103.31815
300250434900000	FORTY ACRES ENERGY LLC	West Emumt Unit #505	4106	OIL	Yates-Seven Rivers-Queen	10/25/1981	12/22/1981	205	36E	26	660 FEL 660 FSL	32.53848	-103.31815
300250435000000	FORTY ACRES ENERGY	LC FOPEANO #4	3850	DHSG	Yates-Seven Rivers-Queen	2/25/2006	9/28/2006	205	36E	26	660 FEL 660 FSL	32.53848	-103.31815
300250435100000	FORTY ACRES ENERGY	LC FOPEANO #4	4106	O&G	Grayburg-San Andres	4/22/1938	7/22/1938	205	36E	26	1650 FEL 660 FSL	32.53848	-103.3136
300250434900000	EXXON CORPORATION	FOPEANO-FEDERAL A/C 5	3855	PLUGOIL	Yates-Seven Rivers-Queen	8/22/1954	9/18/1954	205	36E	27	660 FEL 1980 FNL	32.54585	-103.33553
300250435200000	FINLEY RESOURCES INCORPORATED	FEDERAL D #3	4075	PLUGOIL	Yates-Seven Rivers-Queen	1/24/1954	4/17/1954	205	36E	27	660 FEL 1980 FSL	32.5421	-103.33553
300250435300000	FORTY ACRES ENERGY LLC	West Emumt Unit #602	7201	OIL	Yates-Seven Rivers-Queen	2/11/1955	3/1/1955	205	36E	27	660 FNL 660 FSL	32.53846	-103.34812
300250435400000	FORTY ACRES ENERGY LLC	West Emumt Unit #606	3990	OIL	Yates-Seven Rivers-Queen	2/11/1955	3/1/1955	205	36E	27	660 FNL 660 FSL	32.53846	-103.34812

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30025043550000	EVANS JAMES L	STATE A 1	3920	PLUGOIL	Yates-Seven Rivers-Queen	9/17/1956	10/6/1956	205	36E	27	330 FWL 1650 FSL	32,541.18	-103.3492
30025043560000	FORTY ACRES ENERGY LLC	West Eumont Unit #601	4080	OIL	Yates-Seven Rivers-Queen	7/12/1953	8/17/1955	205	36E	27	330 FEL 990 FSL	32,539.38	-103.3424
30025043580000	FORTY ACRES ENERGY LLC	West Eumont Unit #610	3900	OIL	Yates-Seven Rivers-Queen	2/18/1957	7/12/1957	205	36E	28	660 FEL 1980 FNL	32,545.76	-103.3524
30025043590000	FORTY ACRES ENERGY LLC	West Eumont Unit #604	3934	OIL	Yates-Seven Rivers-Queen	1/5/1955	1/22/1955	205	36E	28	1980 FWL 660 FSL	32,538.52	-103.3610
30025043600000	FORTY ACRES ENERGY LLC	West Eumont Unit #605	3940	OIL	Yates-Seven Rivers-Queen	2/10/1955	2/10/1955	205	36E	28	1980 FWL 1980 FSL	32,542.15	-103.3610
30025043610000	CARBON ENERGY INCORPORATED	STATE E-28 3	4307	PLUGOIL	Yates-Seven Rivers-Queen	3/5/1955	3/21/1955	205	36E	28	990 FWL 660 FSL	32,538.54	-103.3624
30025043630000	FORTY ACRES ENERGY LLC	West Eumont Unit #603	3942	OIL	Yates-Seven Rivers-Queen	6/8/1954	7/6/1954	205	36E	28	1980 FEL 660 FSL	32,538.5	-103.3569
30025043640000	FORTY ACRES ENERGY LLC	West Eumont Unit #607	3892	OIL	Yates-Seven Rivers-Queen	4/2/1955	4/25/1955	205	36E	28	1980 FEL 1980 FSL	32,542.12	-103.3569
30025043650000	HAWKINS OIL & GAS INCORPORATED	MAGRUDER-STATE #3	3890	PLUGOIL	Yates-Seven Rivers-Queen	4/20/1955	4/26/1955	205	36E	28	990 FEL 660 FSL	32,538.48	-103.3548
30025043660000	FORTY ACRES ENERGY LLC	West Eumont Unit #608	3898	OIL	Yates-Seven Rivers-Queen	8/23/1955	9/16/1955	205	36E	28	990 FEL 1650 FSL	32,541.2	-103.3534
30025043790000	FORTY ACRES ENERGY LLC	West Eumont Unit #404	3919	OIL	Yates-Seven Rivers-Queen	2/22/1955	4/4/1955	205	36E	33	1980 FWL 660 FNL	32,534.89	-103.3610
30025043800000	FINLEY RESOURCES INCORPORATED	STATE E-33 2	3915	PLUGOIL	Yates-Seven Rivers-Queen	4/6/1955	5/7/1955	205	36E	33	990 FWL 660 FNL	32,534.91	-103.3624
30025043800001	FORTY ACRES ENERGY	STATE E-33 2	3915	PLUGAS	Yates-Seven Rivers-Queen	9/20/1958	10/10/1958	205	36E	33	990 FWL 660 FNL	32,534.91	-103.3624
30025043810000	FORTY ACRES ENERGY LLC	West Eumont Unit #407	3915	OIL	Yates-Seven Rivers-Queen	4/7/1955	5/7/1955	205	36E	33	1980 FWL 1650 FNL	32,532.17	-103.3610
30025043820000	HARVARD PETROLEUM CO LLC	COLL 1	3905	PLUGOIL	Yates-Seven Rivers-Queen	6/30/1954	7/23/1954	205	36E	33	660 FEL 1980 FSL	32,527.58	-103.3524
30025043830000	FORTY ACRES ENERGY LLC	West Eumont Unit #408	3875	OIL	Yates-Seven Rivers-Queen	6/16/1955	6/30/1955	205	36E	33	330 FEL 660 FSL	32,523.94	-103.3513
30025043840000	CHARM OIL COMPANY	COLL 3	3890	PLUGOIL	Yates-Seven Rivers-Queen	10/14/1958	10/30/1958	205	36E	33	1980 FWL 660 FSL	32,523.97	-103.3510
30025043850000	FORTY ACRES ENERGY LLC	West Eumont Unit #412	3896	TA	Yates-Seven Rivers-Queen	3/14/1957	4/17/1957	205	36E	33	1650 FEL 990 FSL	32,524.87	-103.3556
30025043860000	CHARM OIL COMPANY	COLL B 1	3898	PLUGOIL	Yates-Seven Rivers-Queen	10/14/1958	10/30/1958	205	36E	33	660 FEL 1980 FNL	32,531.22	-103.3524
30025043870000	FORTY ACRES ENERGY LLC	West Eumont Unit #410	3890	OIL	Yates-Seven Rivers-Queen	11/4/1955	11/21/1955	205	36E	33	660 FEL 660 FNL	32,534.84	-103.3524
30025043880000	FORTY ACRES ENERGY LLC	West Eumont Unit #411	3895	OIL	Yates-Seven Rivers-Queen	2/23/1956	3/9/1956	205	36E	33	1650 FEL 1650 FNL	32,532.14	-103.3556
30025043890000	FINLEY RESOURCES INCORPORATED	STATE SPX 4	3895	PLUGOIL	Yates-Seven Rivers-Queen	5/28/1954	6/8/1954	205	36E	33	1980 FWL 1980 FNL	32,531.26	-103.3610
30025043900000	CHARM OIL CO	STATE SU 1	3980	DRY	Yates-Seven Rivers-Queen	5/28/1954	6/8/1954	205	36E	33	1980 FEL 660 FNL	32,534.87	-103.3569
30025043910000	FORTY ACRES ENERGY LLC	West Eumont Unit #401	4085	OIL	Yates-Seven Rivers-Queen	5/9/1954	6/15/1954	205	36E	33	660 FEL 1980 FNL	32,531.22	-103.3535
30025043920000	ERWIN OIL & GAS LIMITED COMPANY	STATE WE G 1	4300	PLUGAS	Yates-Seven Rivers-Queen	5/17/1954	7/2/1954	205	36E	34	660 FEL 660 FSL	32,523.91	-103.3354
30025043930000	FINLEY RESOURCES INCORPORATED	LW WHITE #1	3935	ABO&GW	Yates-Seven Rivers-Queen	6/17/1954	7/13/1954	205	36E	34	661 FWL 1981 FSL	32,527.55	-103.3481
30025043940000	FORTY ACRES ENERGY LLC	West Eumont Unit #403	4100	OIL	Yates-Seven Rivers-Queen	12/15/1954	1/24/1955	205	36E	34	1980 FWL 1980 FSL	32,527.53	-103.3488
30025043950000	FINLEY RESOURCES INCORPORATED	SEALE-FEDERAL 2	3900	PLUGAS	Yates-Seven Rivers-Queen	8/30/1955	10/17/1955	205	36E	34	1980 FWL 1980 FSL	32,523.93	-103.3481
30025043960000	FORTY ACRES ENERGY LLC	West Eumont Unit #409	3944	OIL	Yates-Seven Rivers-Queen	10/7/1955	10/25/1955	205	36E	34	661 FWL 661 FSL	32,523.93	-103.3481
30025043960001	FORTY ACRES ENERGY LLC	SEALE FEDERAL 3	3944	OIL	Yates-Seven Rivers-Queen	9/5/1983	9/7/1983	205	36E	34	661 FWL 661 FSL	32,523.93	-103.3481
30025043970000	FORTY ACRES ENERGY LLC	West Eumont Unit #402	3936	GAS	Yates-Seven Rivers-Queen	11/26/1954	1/6/1955	205	36E	34	1652 FWL 330 FSL	32,523	-103.3496
30025043980000	STRATA PETROLEUM COMPANY	CATRON-STATE 1	3860	PLUGOIL	Yates-Seven Rivers-Queen	10/26/1954	1/30/1955	205	36E	34	1980 FWL 660 FNL	32,534.84	-103.3484
30025043990000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	Yates-Seven Rivers-Queen	11/3/1955	8/15/1955	205	36E	34	330 FWL 990 FNL	32,533.93	-103.3342
30025044000000	MCELVAIN OIL & GAS PROPERTIES INC	ELLIOTT EM-STATE 1	4008	PLUGOIL	Yates-Seven Rivers-Queen	3/15/1955	3/30/1955	205	36E	34	660 FWL 1980 FNL	32,531.21	-103.3481
30025044010000	FORTY ACRES ENERGY LLC	West Eumont Unit #405	3890	OIL	Yates-Seven Rivers-Queen	3/25/1955	8/5/1955	205	36E	34	1980 FWL 1980 FNL	32,531.21	-103.3486
30025044020000	FORTY ACRES ENERGY LLC	West Eumont Unit #406	3885	OIL	Yates-Seven Rivers-Queen	01/01/1801	01/01/1801	205	36E	34	1980 FWL 1980 FNL	32,531.21	-103.3486
30025044020001	FORTY ACRES ENERGY LLC	R R BELL NCT / No. 2	3885	TA	Yates-Seven Rivers-Queen	01/01/1801	01/01/1801	205	36E	34	1980 FWL 1980 FNL	32,531.21	-103.3486
30025044030000	FORTY ACRES ENERGY LLC	West Eumont Unit #512	3905	OIL	Yates-Seven Rivers-Queen	1/1/1955	1/19/1955	205	36E	35	1980 FWL 1980 FSL	32,527.49	-103.3268
30025044040000	FORTY ACRES ENERGY LLC	West Eumont Unit #515	3975	OIL	Yates-Seven Rivers-Queen	1/22/1955	2/8/1955	205	36E	35	660 FWL 1980 FSL	32,527.52	-103.3311
30025044050000	FORTY ACRES ENERGY LLC	West Eumont Unit #510	4100	OIL	Yates-Seven Rivers-Queen	9/13/1954	11/24/1954	205	36E	35	1980 FWL 660 FNL	32,534.85	-103.3267
30025044060000	FORTY ACRES ENERGY LLC	West Eumont Unit #511	4021	OIL	Yates-Seven Rivers-Queen	10/29/1954	11/24/1954	205	36E	35	1980 FWL 1980 FNL	32,531.21	-103.3267
30025044070000	FORTY ACRES ENERGY LLC	West Eumont Unit #513	4050	OIL	Yates-Seven Rivers-Queen	1/1/1955	1/24/1955	205	36E	35	990 FWL 1650 FNL	32,532.13	-103.3299
30025044080000	MCDONNOLD OPERATING INCORPORATED	BAY-FEDERAL 3	4070	PLUGOIL	Yates-Seven Rivers-Queen	12/8/1954	1/6/1955	205	36E	35	660 FWL 660 FNL	32,534.85	-103.3310
30025044090000	OXY USA INC	LW WHITE NCT B TRACT A #1	3860	PAOW	Yates-Seven Rivers-Queen	11/27/1937	12/29/1937	205	36E	35	660 FEL 660 FSL	32,523.96	-103.3181
30025044090001	OXY USA INC	LW WHITE NCT B TRACT A #1	3895	P&A	Yates-Seven Rivers-Queen	6/6/1938	8/30/1938	205	36E	35	660 FEL 660 FSL	32,523.96	-103.3181
30025044090002	OXY USA INC	LW WHITE NCT B TRACT A #1	3895	P&A	Yates-Seven Rivers-Queen	3/8/1957	4/1/1957	205	36E	35	660 FEL 660 FSL	32,523.96	-103.3181
30025044100000	OXY USA INC	LW WHITE NCT B TRACT A #3	3850	PLUGOIL	Yates-Seven Rivers-Queen	1/15/1955	2/15/1955	205	36E	35	1980 FEL 660 FSL	32,523.97	-103.3243
30025044110000	FORTY ACRES ENERGY LLC	West Eumont Unit #517	3850	OIL	Yates-Seven Rivers-Queen	2/7/1955	3/9/1955	205	36E	35	1980 FWL 660 FSL	32,523.87	-103.3268
30025044110001	FORTY ACRES ENERGY LLC	LW WHITE NCT B TRACT A #4	3850	SHUT-IN	Yates-Seven Rivers-Queen	1/27/1996	3/20/1996	205	36E	35	1980 FWL 660 FSL	32,523.87	-103.3268

30025044120000	FORTY ACRES ENERGY, LLC	LW WHITE NCT B TRACT A #5	4214	DERRICK	Yates-Seven Rivers-Queen	4/13/1955	12/17/1955	205	36E	35	660 FWL 660 FSL	32.52389	-103.33112
30025044130000	FORTY ACRES ENERGY LLC	West Eumont Unit #502	4109	OIL	Yates-Seven Rivers-Queen	10/14/1937	11/14/1937	205	36E	35	660 FWL 1980 FNL	32.53122	-103.31815
30025044140000	FORTY ACRES ENERGY LLC	West Eumont Unit #508	3850	OIL	Yates-Seven Rivers-Queen	8/8/1938	9/14/1938	205	36E	35	660 FWL 660 FNL	32.53485	-103.31815
30025044140001	FORTY ACRES ENERGY LLC	EUMONT GAS UNIT #1	3850	GAS	Yates-Seven Rivers-Queen	01/01/1981	01/01/1981	205	36E	35	660 FWL 660 FNL	32.53485	-103.31815
30025044150000	FORTY ACRES ENERGY LLC	West Eumont Unit #520	3961	OIL	Yates-Seven Rivers-Queen	6/14/1955	6/14/1955	205	36E	35	2310 FWL 1980 FNL	32.53122	-103.32335
30025044160000	FORTY ACRES ENERGY LLC	West Eumont Unit #521	3920	OIL	Yates-Seven Rivers-Queen	6/17/1955	6/28/1955	205	36E	35	2310 FWL 660 FNL	32.53485	-103.32335
30025044170000	FORTY ACRES ENERGY LLC	West Eumont Unit #501	3860	OIL	Yates-Seven Rivers-Queen	9/17/1937	10/16/1937	205	36E	35	330 FWL 1650 FSL	32.52669	-103.31708
30025044180000	HENDRIX JOHN H CORPORATION	IDA A WHITE 2	3900	PLUGOIL	Yates-Seven Rivers-Queen	9/17/1955	4/14/1955	205	36E	35	2310 FWL 1650 FSL	32.52664	-103.32335
30025044200000	XTO ENERGY INCORPORATED	STATE M 2	3962	PLUGOIL	Grayburg-San Andres	1/19/1937	2/17/1937	205	36E	36	1980 FWL 1980 FSL	32.52765	-103.30529
30025044210000	XTO ENERGY INCORPORATED	BELL-STATE F 1	3850	PLUGOIL	Grayburg-San Andres	3/16/1937	4/16/1937	205	36E	36	1980 FWL 660 FSL	32.524	-103.30958
30025044230000	XTO ENERGY INCORPORATED	BELL-STATE F 2	3848	PLUGOIL	Grayburg-San Andres	4/8/1937	5/1/1937	205	36E	36	1980 FWL 1980 FSL	32.52763	-103.30958
30025044240000	XTO ENERGY INCORPORATED	BELL-STATE F 3	3849	O&G	Grayburg-San Andres	01/01/1981	01/01/1981	205	36E	36	1980 FWL 1980 FSL	32.52763	-103.30958
30025044250000	XTO ENERGY INCORPORATED	BELL-STATE F 4	4081	CONWIW	Grayburg-San Andres	3/24/1937	4/21/1937	205	36E	36	1980 FWL 660 FNL	32.53121	-103.30958
30025044260000	XTO ENERGY INCORPORATED	BELL-STATE F 5	3852	PLUGOIL	Yates-Seven Rivers-Queen	6/12/1937	7/17/1937	205	36E	36	1980 FWL 660 FNL	32.53484	-103.30958
30025044270000	XTO ENERGY INCORPORATED	BELL-STATE F 6	3855	OIL	Yates-Seven Rivers-Queen	5/15/1937	6/8/1937	205	36E	36	660 FWL 660 FSL	32.52399	-103.31386
30025044280000	XTO ENERGY INCORPORATED	BELL-STATE F 7	3855	PLUGOIL	Yates-Seven Rivers-Queen	1/25/1938	2/22/1938	205	36E	36	660 FWL 1980 FSL	32.52762	-103.31386
30025044280001	XTO ENERGY INCORPORATED	BELL-STATE F 7	4125	OIL	Grayburg-San Andres	3/16/1938	4/14/1938	205	36E	36	660 FWL 1980 FSL	32.53122	-103.31386
30025044290000	XTO ENERGY INCORPORATED	BELL-STATE F 8	3860	OIL	Yates-Seven Rivers-Queen	9/2/1987	2/10/1988	205	36E	36	660 FWL 660 FNL	32.53122	-103.31386
30025044310000	CHEVRON U S A INCORPORATED	ORCUTT C 7	3846	CONWIW	Grayburg-San Andres	4/29/1938	5/24/1938	205	36E	36	660 FWL 660 FNL	32.53484	-103.31386
30025044320000	CHEVRON U S A INCORPORATED	STATE L 3	3857	PLUGOIL	Grayburg-San Andres	2/13/1937	3/13/1937	205	36E	36	1980 FWL 660 FSL	32.52402	-103.30527
30025044330000	CHEVRON U S A INCORPORATED	STATE L 4	3850	PLUGOIL	Grayburg-San Andres	10/15/1936	11/9/1936	215	36E	6	660 FWL 1980 FNL	32.51675	-103.31003
30025045230000	EL PASO NATURAL GAS COMPANY	SHELL-STATE 9	3527	PLUGGAS	Yates-Seven Rivers-Queen	11/15/1936	12/14/1936	215	36E	6	660 FWL 7260 FSL	32.52065	-103.31003
30025045250000	XTO ENERGY INCORPORATED	BELL-STATE D 1	3880	OIL	Grayburg-San Andres	10/19/1954	11/6/1954	215	36E	6	1980 FWL 3622 FNL	32.51225	-103.30575
30025045350000	XTO ENERGY INCORPORATED	ORCUTT C 4	4097	CONWIW	Grayburg-San Andres	9/27/1936	11/2/1936	215	36E	6	610 FWL 1980 FSL	32.50614	-103.31052
30025045360000	XTO ENERGY INCORPORATED	ORCUTT C 6	3847	OIL	Grayburg-San Andres	12/4/1936	1/7/1937	215	36E	6	1980 FWL 1980 FNL	32.51676	-103.30575
30025046570000	XTO ENERGY INCORPORATED	STATE G 1	3973	PLUGOIL	Grayburg-San Andres	1/10/1937	2/10/1937	215	36E	6	1980 FWL 660 FNL	32.52039	-103.30575
30025085540000	CITATION OIL & GAS CORPORATION	STATE M 2	3857	OIL	Yates-Seven Rivers-Queen	8/19/1936	9/18/1936	215	36E	1	1980 FWL 4620 FSL	32.51337	-103.30575
30025085550001	CITATION OIL & GAS CORPORATION	STATE M 3	3857	OIL	Yates-Seven Rivers-Queen	3/13/1937	5/13/1937	215	35E	1	660 FWL 3300 FNL	32.5131	-103.31432
30025085560000	SHELL OIL COMPANY	STATE M 3	3857	GAS	Yates-Seven Rivers-Queen	3/14/1937	4/28/1937	215	35E	1	660 FWL 660 FNL	32.52035	-103.31432
30025085560001	HEGWER ERNIE L IND	ENDURA-STATE D 1	4212	DHSD	Yates-Seven Rivers-Queen	12/11/1936	12/4/2006	215	35E	11	660 FWL 660 FNL	32.52035	-103.31432
30025087030000	SHELL OIL COMPANY	STATE G 2	3854	PLUGOIL	Grayburg-San Andres	12/17/1979	12/17/1979	215	35E	11	1980 FWL 1980 FNL	32.49522	-103.33998
30025087050000	CHEVRON U S A INCORPORATED	STATE F 2	4204	PLUGOIL	Grayburg-San Andres	11/26/1936	12/30/1936	215	36E	6	660 FWL 4620 FSL	32.5134	-103.31003
30025125430000	XTO ENERGY INCORPORATED	STATE K 3	4036	CONWIW	Grayburg-San Andres	10/16/1936	11/21/1936	215	36E	6	660 FWL 3300 FSL	32.50977	-103.31003
30025125430001	XTO ENERGY INC	STATE K 3	4036	OIL	Grayburg-San Andres	1/26/1937	3/11/1937	205	36E	36	1980 FWL 1980 FNL	32.5312	-103.3053
30025127200000	CITATION OIL & GAS CORPORATION	STATE L 1	3873	OIL	Yates-Seven Rivers-Queen	12/6/1962	1/23/1963	205	36E	36	1980 FWL 1980 FNL	32.5312	-103.3053
30025294300000	FINLEY RESOURCES INCORPORATED	WARRIOR- STATE 1"	3980	PLUGOIL	Yates-Seven Rivers-Queen	8/5/1937	9/10/1937	215	35E	1	990 FWL 2310 FSL	32.50705	-103.31539
30025294300001	FINLEY RESOURCES INCORPORATED	WARRIOR- STATE 2"	4002	PLUGOIL	Yates-Seven Rivers-Queen	12/17/2000	12/15/2000	215	35E	1	990 FWL 2310 FSL	32.50705	-103.31539
30025241650000	DECK MILLARD OIL	STATE 3	4000	LOC	Yates-Seven Rivers-Queen	12/14/1971	3/27/1972	215	35E	2	1980 FWL 3226 FNL	32.5132	-103.33575
30025241980000	FORTY ACRES ENERGY LLC	West Eumont Unit #209	4000	OIL	Yates-Seven Rivers-Queen	10/8/1972	10/23/1972	215	35E	2	1980 FWL 4545 FNL	32.50957	-103.33575
30025244060000	FORTY ACRES ENERGY LLC	West Eumont Unit #210	4112	OIL	Yates-Seven Rivers-Queen	6/14/1972	7/1/1972	215	35E	2	1980 FWL 660 FSL	32.50248	-103.33566
30025247860000	FORTY ACRES ENERGY, LLC	LW White 2	4190	DERRICK	Yates-Seven Rivers-Queen	7/22/1972	9/1/1972	215	35E	2	1980 FWL 1906 FNL	32.51683	-103.33578
30025248260000	FINLEY RESOURCES INCORPORATED	LEA /407/ STATE 6	4000	PLUGOIL	Yates-Seven Rivers-Queen	4/27/1973	4/17/1973	215	35E	2	2310 FWL 2970 FNL	32.5139	-103.33889
30025253800000	FINLEY RESOURCES INCORPORATED	LW WHITE A 1	4000	PLUGOIL	Yates-Seven Rivers-Queen	6/26/1974	7/30/1974	215	35E	2	1980 FWL 660 FNL	32.52025	-103.33996
30025257370000	FINLEY RESOURCES INCORPORATED	FEDERAL D #12	4123	PLUGOIL	Yates-Seven Rivers-Queen	10/18/1974	10/31/1974	215	35E	2	990 FWL 990 FNL	32.51935	-103.34317
30025265480000	APACHE CORPORATION	STATE WE B" 6"	3360	PLUGGAS	Yates-Seven Rivers-Queen	2/8/1977	3/9/1977	215	35E	2	1980 FWL 660 FNL	32.52025	-103.33581
30025265490000	FORTY ACRES ENERGY LLC	West Eumont Unit #113	3470	GAS	Yates-Seven Rivers-Queen	12/12/1977	3/17/1978	205	36E	27	330 FWL 990 FNL	32.54858	-103.33423
					Yates-Seven Rivers-Queen	1/13/1980	2/19/1980	215	35E	1	1980 FWL 780 FNL	32.51997	-103.32296
					Yates-Seven Rivers-Queen	1/5/1980	2/11/1980	215	35E	1	1980 FWL 3420 FNL	32.51271	-103.3229

WEU #218 2 Mi Radius Wells

30025265490001	FORTY ACRES ENERGY, LLC	STATE WE 'F' 4	3470	GAS	12/15/1997	12/26/1997	215	35E	1	1980 FWL 3420 FNL	32.51271	-103.3229
30025266930000	HEGWER ERNIE L IND	ENDURA 2	4050	DRY	2/21/1980	4/24/1980	215	35E	11	1980 FWL 660 FNL	32.49884	-103.33997
30025267340000	FORTY ACRES ENERGY LLC	West Eumont Unit #611	4850	OIL	4/9/1980	5/22/1980	205	36E	27	1980 FWL 1980 FSL	32.5421	-103.34384
30025268780000	FINLEY RESOURCES INCORPORATED	STATE WE D #2	4303	PLUGOIL	12/9/1980	4/9/1981	205	36E	27	1980 FEL 1980 FSL	32.5421	-103.33959
30025270090000	FORTY ACRES ENERGY LLC	West Eumont Unit #612	4518	OIL	8/29/1980	11/10/1980	205	36E	27	1980 FEL 660 FSL	32.53847	-103.33959
30025271000000	WARRIOR INCORPORATED	WHITE L R '34' 2	824	JNK	12/13/1980	1/12/1981	205	36E	34	1980 FEL 1980 FSL	32.52754	-103.33966
30025271950000	FORTY ACRES ENERGY LLC	West Eumont Unit #414	4396	OIL	4/3/1981	6/10/1981	205	36E	34	1980 FWL 330 FNL	32.53575	-103.34384
30025272200000	FORTY ACRES ENERGY, LLC	West Eumont Unit #418	4106	OIL	2/12/1981	4/29/1981	205	36E	34	1960 FEL 1980 FSL	32.52754	-103.3396
30025277000000	FORTY ACRES ENERGY, LLC	West Eumont Unit #415	3970	GAS	1/18/1982	2/17/1982	205	36E	32	660 FEL 1980 FNL	32.53129	-103.36959
30025282000000	XTO ENERGY INCORPORATED	EUNICE-MONUMENT SOU WI-164	4255	INJECT	3/12/1987	6/5/1987	205	36E	36	1980 FWL 2280 FSL	32.52846	-103.30958
30025302250000	XTO ENERGY INCORPORATED	EUNICE-MONUMENT SOU 219	4252	PLUGOIL	4/11/1988	8/8/1988	215	36E	6	781 FWL 3222 FNL	32.51332	-103.30964
30025302770000	XTO ENERGY INCORPORATED	EUNICE-MONUMENT SOUTH 122	4210	OIL	6/11/1988	7/28/1988	205	36E	25	860 FWL 560 FSL	32.53247	-103.31322
30025309900000	XTO ENERGY INCORPORATED	RR BELL NCT-F 3	3750	GAS	11/7/1990	3/2/1991	205	36E	36	1820 FWL 1520 FNL	32.53247	-103.3101
30025313360000	MERIDIAN OIL INCORPORATED	SHELL 'E' STATE COM 3	3800	DRY	8/8/1991	3/30/1992	215	36E	6	690 FWL 3500 FNL	32.51256	-103.30994
300253267940000	CHESAPEAKE OPERATING INCORPORATED	CC 3 STATE 1	11934	PLUGGAS	8/17/2004	10/29/2004	215	35E	3	990 FWL 990 FSL	32.50346	-103.36034
30025371450000	PRIMERO OPERATING INCORPORATED	MONUMENT STATE 1	4090	P&A	4/4/2005	9/16/2005	205	36E	34	390 FEL 660 FNL	32.53485	-103.33445
30025380800000	COG OPERATING LIMITED LIABILITY CORP	OSUDO 32 STATE COM 1	11750	GAS	5/1/2007	8/13/2007	205	36E	32	1100 FEL 1980 FSL	32.5277	-103.37102
30025384860000	COG OPERATING LIMITED LIABILITY CORP	OSUDO 33 STATE COM 1	11560	GAS	5/16/2008	8/29/2008	205	36E	33	660 FWL 1160 FNL	32.53354	-103.36531
30025387680000	SAMSON RESOURCES CO	KF 4 STATE COM 3	11896	TA	6/29/2008	2/18/2009	215	35E	4	1780 FEL 3732 FNL	32.5119	-103.36934
30025389080000	MEWBOURNE OIL COMPANY	PALOMA '28' STATE COM 2	11600	GAS	7/30/2008	9/16/2008	205	36E	28	660 FWL 660 FSL	32.53854	-103.36531
30025391820000	COG OPERATING LIMITED LIABILITY CORP	OSUDO 33 STATE COM 2	11635	GAS	5/16/2008	8/29/2008	205	36E	33	660 FWL 660 FSL	32.52407	-103.36553
30025393590000	MEWBOURNE OIL COMPANY	WHITE WING 3 STATE 1	11650	GAS	11/11/2008	1/12/2009	215	35E	3	660 FWL 660 FNL	32.52037	-103.36144
30025442030000	FORTY ACRES ENERGY, LLC	West Eumont Unit #114		LOC-INJ	6/17/2009	8/8/2009	215	35E	1	1310 FWL 1285 FSL	32.504174	-103.325047
30025442040000	FORTY ACRES ENERGY, LLC	West Eumont Unit #115		LOC-INJ			215	35E	1	10 FWL 1265 FSL	32.504132	-103.329262
30025442050000	FORTY ACRES ENERGY, LLC	West Eumont Unit #116		LOC-INJ			215	35E	1	1310 FWL 250 FSL	32.501342	-103.328778
30025442060000	FORTY ACRES ENERGY, LLC	West Eumont Unit #117		LOC-INJ			215	35E	1	160 FWL 250 FSL	32.501342	-103.32505
30025442070000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #211	4466	INJ	2/6/2018		215	35E	2	1345 FEL 1185 FNL	32.518967	-103.335644
30025442080000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #212	4499	INJ	3/27/2018		215	35E	2	2580 FEL 1185 FNL	32.518967	-103.33765
30025442090000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #213	4500	INJ	2/20/2018		215	35E	2	2620 FEL 2330 FNL	32.515821	-103.337782
30025442100000	FORTY ACRES ENERGY, LLC	WEST EUMONT UNIT #214	4466	INJ	3/8/2018		215	35E	2	1335 FEL 2485 FNL	32.515394	-103.335614
30025442540000	FORTY ACRES ENERGY, LLC	West Eumont Unit #417	4411	OIL	1/20/2018	3/1/2018	205	36E	34	1980 FEL 660 FSL	32.54035	-103.339565
30025454590000	FORTY ACRES ENERGY, LLC	West Eumont Unit #527	4500	LOC-INJ			205	36E	35	2460 FWL 2595 FSL	32.528722	-103.325159
30025_FA_SEC2-10	FORTY ACRES ENERGY, LLC	West Eumont Unit #217	4500	LOC			215	35E	2	1950 FEL 3135 FNL	32.513608	-103.335611
30025_INJ_SEC2-B	FORTY ACRES ENERGY, LLC	West Eumont Unit #216	4500	LOC			215	35E	2			
30025_INJ_SEC26-NW	FORTY ACRES ENERGY, LLC	West Eumont Unit #522	4500	LOC-INJ			205	36E	26	1313 FWL 10 FSL	32.53679	-103.328872
30025_INJ_SEC26-00	FORTY ACRES ENERGY, LLC	West Eumont Unit #523	4500	LOC-INJ			205	36E	26	2481 FWL 10 FSL	32.536791	-103.325084
30025_INJ_SEC35-BB	FORTY ACRES ENERGY, LLC	West Eumont Unit #524	4500	LOC-INJ			205	36E	35	2495 FWL 1350 FNL	32.53054	-103.325042
30025_INJ_SEC35-CC	FORTY ACRES ENERGY, LLC	West Eumont Unit #525	4500	LOC-INJ			205	36E	35	1670 FWL 1340 FNL	32.53308	-103.327717
30025_INJ_SEC35-FF	FORTY ACRES ENERGY, LLC	West Eumont Unit #526	4500	LOC-INJ			205	36E	35	1290 FWL 2530 FNL	32.52981	-103.328953
30025_INJ_SEC34-PP	FORTY ACRES ENERGY, LLC	West Eumont Unit #218	4500	LOC-INJ			215	35E	2	2580 FEL 85 FNL	32.52199	-103.337648

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

May 28, 2019

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

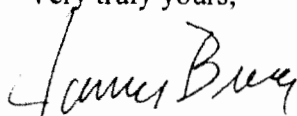
Ladies and gentlemen:

Forty Acres Energy, LLC has filed an application with the New Mexico Oil Conservation Division seeking approval to drill the following injection well for secondary recovery purposes in the West Eumont (Waterflood) Unit:

West Eumont Unit No. 218 in Unit B of Section 22-21S-35E

A copy of the application is enclosed. If you object to the application, you must notify the Division in writing within 15 days (the Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505). Failure to object will preclude you from contesting this matter at a later date.

Very truly yours,


James Bruce

Attorney for Forty Acres Energy, LLC

Exhibit A

Bureau of Land Management

New Mexico Commissioner of Public Lands

Chevron U.S.A. Inc.

XTO Energy Inc.

Apache Corporation

Henry Vandenberg as Trustee for Virgil E. White

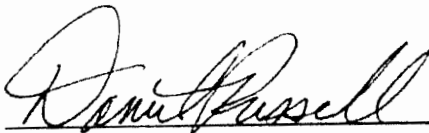
Lawrence W. White

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

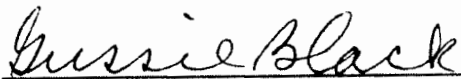
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
May 26, 2019
and ending with the issue dated
May 26, 2019.



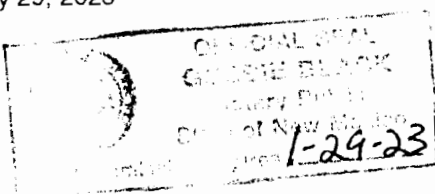
Publisher

Sworn and subscribed to before me this
26th day of May 2019.



Business Manager

My commission expires
January 29, 2023
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL

LEGAL

LEGAL NOTICE
MAY 26, 2019

NOTICE

To: Chevron U.S.A. Inc., XTO Energy Inc., Apache Corporation, Henry Vandenburg as Trustee for Virgil E. White, Lawrence W. White, Ascent Energy LLC, and all other interested parties: Forty Acres Energy, LLC has filed applications with the New Mexico Oil Conservation Division seeking approval to drill the following injection wells for secondary recovery purposes in the West Eumont Unit:

West Eumont Unit No. 522 in Unit M of Section 26-20S-36E
West Eumont Unit No. 523 in Unit N of Section 26-20S-36E
West Eumont Unit No. 524 in Unit F of Section 35-20S-36E
West Eumont Unit No. 525 in Unit F of Section 35-20S-36E
West Eumont Unit No. 526 in Unit E of Section 35-20S-36E
West Eumont Unit No. 527 in Unit K of Section 35-20S-36E
West Eumont Unit No. 218 in Unit B of Section 2-21S-35E
West Eumont Unit No. 219 in Unit C of Section 2-21S-35E
West Eumont Unit No. 418 in Unit H of Section 33-20S-36E
West Eumont Unit No. 419 in Unit H of Section 33-20S-36E
West Eumont Unit No. 420 in Unit A of Section 33-20S-36E
West Eumont Unit No. 421 in Unit A of Section 33-20S-36E
West Eumont Unit No. 422 in Unit A of Section 33-20S-36E

The expected maximum injection rate is 1000 BWPD per well, and the maximum injection pressure is 760 psi. If you object to the application you must file a written objection or request for hearing with the Division within 15 days of the date this notice is published. The Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Failure to object will preclude you from contesting this matter at a later date. The name and address of the contact party for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, (505) 982-2043. The unit area is centered approximately 5 miles northwest of Oil Center, New Mexico
#34205

01101711

00228736

JAMES BRUCE
JAMES BRUCE, ATTORNEY AT LAW
P.O. BOX 1056
SANTA FE, NM 87504

Inactive Well List

Total Well Count: 111 Inactive Well Count: 5

Printed On: Friday, December 13 2019

District	API	Well	ULSTR	OCD Unit	Ogrid	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-025-25039	STATE WE BB #001	D-13-21S-35E	D	371416	FORTY ACRES ENERGY, LLC		O	07/2015			
1	30-025-03462	STATE WEB BATTERY 2 #002	F-13-21S-35E	F	371416	FORTY ACRES ENERGY, LLC		O	07/2015			
1	30-025-24934	STATE WEE A #002	L-13-21S-35E	L	371416	FORTY ACRES ENERGY, LLC		O	07/2015			
1	30-025-03408	WEST EUMONT UNIT #305	3-03-21S-35E	C	371416	FORTY ACRES ENERGY, LLC		O	06/2006	SEVEN RIVERS		
1	30-025-04356	WEST EUMONT UNIT #601	P-27-20S-36E	P	371416	FORTY ACRES ENERGY, LLC		O	05/2018	REMEDIAL WORK 12/07/2010		

WHERE Operator:371416, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period



FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V17]

DATE RECORD: First Rec: 5/6/19 Admin Complete: 6/3/19 or Suspended: Add. Request/Reply:
 ORDER TYPE: WFX PMX / SWD Number: 1037 Order Date: 12/13/19 Legacy Permits/Orders: R-14615
R-14616

Well No. 218 Well Name(s): West Eumant Unit

API: 30-025-45484 Spud Date: New or Old (EPA): N (UIC Class II Primacy 03/07/1982)

Footages 85' FNL / 2580' FWL Lot 2 or Unit (B) Sec 2 Tsp 21S Rge 35E County Lea

General Location: ~12 miles NW of Eunice Pool: Eumant Yates - 7Aps - Queen Pool No.: 22800 & 76480
(Co: D)

BLM 100K Map: Operator: Forty Acres Energy LLC OGRID: 371416 Contact: J. Bruce (Gas)

COMPLIANCE RULE 5.9: Total Wells: 111 Inactive: 5 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes Date: 12/13/19

WELL FILE REVIEWED ☒ Current Status: APD filed with BLM / District I - TD at 4250 on 3/4/19

WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging:

Planned Rehab Work to Well:

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned <input checked="" type="checkbox"/> or Existing <input checked="" type="checkbox"/> Surface		<u>12 1/4 / 8 5/8</u>	<u>1646'</u>	<u>710</u>	<u>Cir. to surface</u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Interm/Prod		<u>7 7/8 / 5 1/2</u>	<u>4241'</u>	<u>330</u>	<u>Cir to surface</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner		<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner		<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> OH (PERF)		<u>See Prod</u>	<u>3800 - 4100</u>	<u>Inj Length</u>	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.			
Proposed Inj Interval TOP:			
Proposed Inj Interval BOTTOM:			
Confining Unit: Litho. Struc. Por.			
Adjacent Unit: Litho. Struc. Por.			

Completion/Operation Details:	
Drilled TD <u>4250</u>	PBTD <u> </u>
NEW TD <u> </u>	NEW PBTD <u> </u>
NEW Open Hole <input type="checkbox"/> or NEW Perfs <input checked="" type="checkbox"/>	
Tubing Size <u>2 7/8</u> in.	Inter Coated? <u>Yes</u>
Proposed Packer Depth <u>3725</u> ft	
Min. Packer Depth <u>3700</u> (100-ft limit)	
Proposed Max. Surface Press. <u> </u> psi	
Admin. Inj. Press. <u>760 (Corda)</u>	(0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA Noticed? NA BLM Sec Ord NA MPP ☐ Noticed? Salt/Salado T: B: NW: Cliff House fm NA

USDW: Aquifer(s) Rostler / Alluvial Max Depth 1650' HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: Lea & Capitán CAPITAN REEF: thru adj. NA No. GW Wells in 1-Mile Radius? FW Analysis?

Disposal Fluid: Formation Source(s) Analysis? Yes On Lease ☒ Operator Only ☐ or Commercial ☐

Disposal Interval: Inject Rate (Avg/Max BWPD): Protectable Waters? No Source: System: Closed or Open

HC Potential: Producing Interval? Yes Formerly Producing? Yes Method: Logs/DST/P&A/Other < ER project M Radius Pool Map ☒

AOR Wells: 1/2-M ☒ or ONE-M RADIUS MAP/WELL LIST: Total Penetrating Wells: 15 [AOR Hor AOR SWDs: 0]

Penetrating Wells: No. Active Wells 12 No. Corrective? 0 on which well(s)? Diagrams?

Penetrating Wells: No. P&A Wells 3 No. Corrective? 0 on which well(s)? Diagrams?

Induced-Seismicity Risk Assess: analysis submitted NR historical/catalog review fault-slip model probability

NOTICE: 1/2-M ☒ or ONE-M : Newspaper Date 5/26/19 Mineral Owner* Fee Surface Owner Fee N. Date 05/28/19 white

RULE 26.7(A): Identified Tracts? Yes Affected Persons*: [BLM & NMSLO noticed] Apache / xto / Chevron N. Date 5/28/19

* new definition as of 12/28/2018 [any the mineral estate of United States or state of New Mexico; SWD operators within the notice radius]

Order Conditions: Issues: NA

Additional COAs: Perforations must be demonstrated