

DATE IN 11/09/2015	SUSPENSE	ENGINEER RLG	LOGGED IN 11/06/2015	TYPE SWD	APP NO PMA1531035509
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

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

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

- SWD
 - 2360 Permian Basin LLC
 289136
 Well
 - uber East SWD #1
 30-015-Pending
 24-T235 R31E
 Pool
 - SWD, Devonian

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

96101

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

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

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

Luke A. Bress
 Print or Type Name

[Signature]
 Signature

Legislative & Regulatory Affairs
 Title

11/2/15
 Date

lukeb@2360ES.com
 e-mail Address

UBER EAST SWD WELL #1
PERMIT APPLICATION
Unit I (NE/4, SE/4), Section 24
Township 23 South, Range 31 East
Eddy County, New Mexico

LAI Project No. 15-0126-00

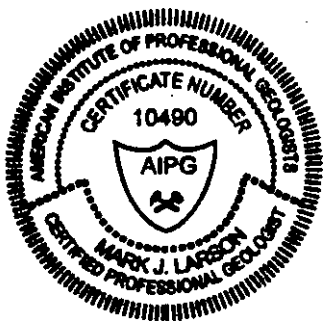
November 3, 2015

Prepared for:

R360 Permian Basin, LLC
3 Waterway Square Place, Suite 110
The Woodlands, Texas 79705

Prepared by:

Larson & Associates, Inc.
507 North Marienfeld, Suite 205
Midland, Texas 79701



A handwritten signature of Mark J. Larson, consisting of a stylized 'M' and 'J' followed by a horizontal line.

Mark J. Larson

Certified Professional Geologist #10490

A handwritten signature of Michael T. Gant, featuring a stylized 'M' and 'G' followed by a horizontal line.

Michael T. Gant

Staff Geologist



WASTE CONNECTIONS, INC.
Connect with the Future®

RECEIVED OCD

2015 NOV -5 P 3: 06

November 3, 2015

Mr. William Jones, Bureau Chief
Engineering and Geological Services
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Commercial SWD Well Application, Uber East SWD #1, 360 Permian Basin LLC, Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New Mexico

Dear Mr. Jones,

R360 Permian Basin, LLC (R360), a wholly owned subsidiary of Waste Connections, Inc., submits the enclosed application to the New Mexico Oil Conservation Division (OCD) to permit, construct and operate a commercial salt water disposal (SWD) well (Uber East SWD #1) in Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New Mexico. The well will be located 2345' FSL and 660' FEL. The well will be located on property owned by the U.S. Government and administered by the Bureau of Land Management (BLM). The well will be used to reinject liquid E & P waste into the Devonian section between 16,000 and 17,000 feet. Notification and a copy of the permit application were sent to the NMOCD District 2 office in Artesia, New Mexico, surface mineral and lease owners within ½ mile of the proposed SWD well. Copies of the notification letters and certified mail receipts are presented in Attachment XIII of the application. Please contact me at (281) 873-3202, if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

cc: Randy Dade— OCD District 2

Enc/



APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: R360 Permian Basin, LLC (a wholly owned subsidiary of Waste Connections, Inc.)
ADDRESS: 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380
CONTACT PARTY: Chris Ruane, Director of Engineering PHONE: (832) 442-2204
- 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: Luke A. Bross TITLE: Legislative & Regulatory Affairs Manager
SIGNATURE: [Signature] DATE: 11/2/15
E-MAIL ADDRESS: lukeb@R360ES.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 III

Injection Well Data Sheet

Uber East SWD #1 Drilling Plan

1. **Location:**

Legal: 2345' FSL 660' FEL Section 24, Township 23S, Range 31E

Eddy County, New Mexico

GPS Coordinates: 32.2891306°, -103.7251000°

O&G Lease: NMNM-0533177A

2. **Elevation Above Sea Level: 3575'**

3. **Geologic Name of Surface Formation: Alluvium**

4. **Proposed Drilling Depth: 17,500'**

5. **Estimated Tops of All Geologic Formations:**

Formation	Estimated Top (feet)	Bearing
Triassic		<10' of perched water @ 40' BGS
Dewey Lake	630	
Salado	760	N/A
Tansil		N/A
Yates		N/A
Capitan		N/A
Delaware Mountain	4380	Hydrocarbons
Bone Spring	8320	Hydrocarbons
Wolfcamp	11590	Hydrocarbons
Strawn	13350	Hydrocarbons
Atoka	13560	Hydrocarbons
Morrow	14100	Hydrocarbons
Barnett	15260	Hydrocarbons
Mississippian Lime	15750	Hydrocarbons
Woodford Shale	16180	Hydrocarbons
Devonian (Target)	16390	N/A
Montoya		N/A
Simpson		N/A
Ellenberger		N/A

6. **Proposed Casing Program:**

Name	Hole (inches)	Size (inches)	Setting Depth (Feet)	Grade	Weight (lbs/ft)	Thread	Condition	Burst SF	Coll. SF	Ten. SF
Surface	26	20	1060	J55	106.4	LTC	New	1.2	1.125	1.6
1 st Intermediate	17 ½	13 ¾	3,200	J55	68	LTC	New	1.2	1.125	1.6
2 nd Intermediate	12 ¼	9 ⅝	11,500	L80	53.5	LTC	New	1.2	1.125	1.6
Production	8 ½	7	0-120	HCL80	35	LTC	New	1.2	1.125	1.6
Production	8 ½	7	120-12,230	P-110	29	LTC	New	1.2	1.125	1.6
Production	8 ½	7	12,230-16,390	HCL80	35	LTC	New	1.2	1.125	1.6
Tubing	5 7/8	4 ½	0-5,000	P-110	11.6	LTC	New	1.2	1.125	1.6
Tubing	5 7/8	4 ½	5,000-16,390	L-80	11.6	LTC	New	1.2	1.125	1.6
Open Hole	5.875		16,390-17,500	NA	NA	NA	NA			

7. **Drilling Procedure:** Spud well and drill down each interval to total depth of that interval, staying in compliance with OCD/BLM rules and regulations and following this APD drilling plan. Each casing string will be cemented and cement will be circulated to surface. There are DV Tools in the casing strings to insure getting cement all the way to surface. Mud weights are spelled out below in paragraph 10 – Types and Characteristics of mud system. After reaching total casing depth of 16,390', OH Logs (Paragraph 12) will be run 16,390-10,960' GR-CNL to surf, we will cement the 7" as spelled out in this APD. We will pick up a 5 7/8" bit to drill the injection interval for the open-hole completion; OH logs (see Paragraph 12) will be run TD-16,390'. The depths from 16,390' to 17,500' will not have a casing string, thus an "open-hole" completion. The Devonian target zone for injecting is a depleted zone considered to be under pressured and will be drilled with cut brine 8.4-8.9 PPG. The injection tubing will be set to depth of 16500' inside the 7". All intervals will be logged prior to running casing per BLM/OCD requirements.

8. **Pressure Controls:**

A 10M 13-5/8" BOP system (Double Ram and Annular preventer) and 2 power chokes installed on manifold and 1 manual choke per BLM Onshore Order 2, will be installed and tested prior to drilling out the surface casing shoe. The BOP system used to drill the intermediate hole will be test per BLM Onshore Oil and Gas Order 2.

A 10M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the intermediate casing shoe. The BOP system used to drill the production hole will be test per BLM Onshore Oil and Gas Order 2.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories, include a Kelly cock, floor safety valve, choke lines, and choke manifold rated at 5,000 psi WP.

9. **Cement Program: Surface 1060' TD**

Surface: Float/Landing Collar set @ 1015'. We will circulate cement to surface

Interval	Amount (sacks)	Ft of Fill	Excess (%)	PPG	Ft ³ /sx	Volume (ft ³)	Cement Type
Lead	820	700	100	13.5	1.69	1386	Class C + 2% Gel + 0.2% Antifoam + 0.125 lb/sk Polyflake
Tail	580	360	100	14.8	1.33	771	Class C + 0.125 lb/sk Polyflake

1st Intermediate: TD @ 3200' Stage 1 Float/Landing Collar set @ 1800, Stage 2 Collar set @ 1,800'. We will circulate cement to surface.

13 3/8 Contingency Cement design as follows:

If hole conditions warrant and we will adjust DVT depth per circulation requirements. The current estimated setting is 1800' and cement volumes will be adjusted proportionally to maintain equivalent excess in all slurries.

Interval	Amount (sacks)	Ft of Fill	Excess (%)	PPG	Ft ³ /sx	Volume (ft ³)	Cement Type
Stage 1 Lead	681	1200'	100	11.9	2.45	1667	Class C + 2% Sodium Metasilicate + 0.1% Dispersant + 0.2% Antifoam + 0.2% Retarder
Stage 1 Tail	679	600'	100	14.8	1.33	900	Class C + 0.125 lbs/sk Polyflake
Stage 2 Lead	805	1550'	100	11.9	2.45	1969	Class C + 2% Sodium Metasilicate + 0.1% Dispersant + 0.2% Antifoam
Stage 2 Tail	260	300'	100	14.8	1.34	348	Class C + 1% Calcium Chloride + 0.125 lbs/sk Polyflake

2nd Intermediate: TD @ 11,500' Stage 1 Float/Landing Collar set @ 11,458', Stage 2 Collar set @ 8100'

9 5/8 Contingency Cement design as follows:

If hole conditions warrant and we will adjust ECP/DVT depth per circulation requirements. The current estimated setting is 3830' and cement volumes will be adjusted proportionally to maintain equivalent excess in all slurries.

Interval	Amount (sacks)	Ft of Fill	Excess (%)	PPG	Ft ³ /sx	Volume (ft ³)	Cement Type
Stage 1 Lead	1467	2800	50	11	2.82	1316	TXI + 2% Sodium Metasilicate + 0.2 % Dispersant + 0.2% Antifoam + 0.4% Retarder
Stage 1 Tail	280	600	50	16.4	1.07	299	Class H + 0.3% Retarder + 0.2% Antifoam
Stage 2 Lead	1337	7800	50	11.9	2.45	3275	Class C + 2% Sodium Metasilicate + 0.2 % Dispersant + 0.2% Antifoam + 0.4% Retarder
Stage 2 Tail	133	300	50	16.4	1.07	141	Class C + 1% Calcium Chloride + 0.125 lbs/sk Polyflake

Production: Stage 1 Float/Landing Collar set @ 16,468', NO DVT We will circulate cement to surface.

7" Contingency Cement design as follows:

No DVT planned for this section

Interval	Amount (sacks)	Ft of Fill	Excess (%)	PPG	Ft ³ /sx	Volume (ft ³)	Cement Type
Lead 1	599	4450	30	11.5	2.50	1496	50:50 POZ:H + 0.1 lb/sk D65 Dispersant + 0.3 lb/sk D201 Retarder + 8% D20 Gel + 0.2% D208 Viscosifier + 3 lb/sk D42 Kolite + 0.125 lb/sk D130 Polyflake
Lead 2	558	4368	30	13.5	1.29	720	TXI + 1.5 gal/sk GASBLOK + 0.08 gal/sk D80 Dispersant + 0.04 gal/sk D801 Retarder + 0.05 gal/sk D175A Antifoam + 2% D176 Expanding Agent
Tail	141	600	30	16.4	1.09	130	Class H + 0.4% D167 Fluid loss + 0.3% D800 Retarder + 2% D176 Expanding agent

The contingency ECP/DVT tool setting depth may change and cement will be adjusted accordingly.

10. Type and Characteristics of Mud System:

Depth MD/TVD (ft)	Mud Type	Mud Density (ppg)	Viscosity (sec/1000cc)	Plastic Viscosity (cP)	Yield Point (lb/100ft ²)	API Fluid Loss (cc)	pH	LGS %
120 – 450	New Gel/Soda Spud Mud	8.8 – 9.2	60 – 70	12 – 28	12 – 34	20	+/-9.0	<6
450 – 2,900	Brine Water	10.0 – 10.1	29 – 30	0 – 1	0 – 1	NC	9.5 – 10.0	<6
2,900 – 7660	Existing Brine to New Zan D/White Starch/ Barite	10.0 -10.1	29 – 30	0 – 1	0 – 1	NC	9.5 – 10.0	<6
7660 – 15,550		10.1 – 11.5	36 – 44	6 – 14	12 – 18	10 – 12	9.5 – 10.0	<6
15,550' 16,550	Cut brine	8.4 - 8.9	28 - 30	0 - 1	0 - 1	NC	9. – 9.5	<6

Our goal for all DVT and ECP is to run with full intentions of running the 2 stage job. This will help insure good tail cement and help insure cement to surface.

11. **Air Drilling Description:** Not applicable.
12. **Testing, Coring, and Logging Procedures:**
- A. Mud logging program: 2 man unit from 2,900' (setting depth of salt string) to TD.
 - B. Electric logging program: open hole logs CNL / LDT / CAL / GR, DLL / SGR (CNL/GR from base of Intermediate casing to surface) from 15,550 to Intermediate casing and TD-15,550
Cased Hole Logs
CBL w/ CCL from base of Intermediate casing to surface (if cement is not circulated to surface)
CBL w/ CCL from production casing DV tool at 8,000' to 3,000' (estimated top of cement at 4,000')
 - C. No DST's or cores are planned
 - D. Sonic log: not required but available if needed
13. **Expected Bottom Hole Pressure and Temperature:** 6,440 psi , 170° F.
14. **Abnormal Conditions:**
15. **H₂S Plan:** Breathing equipment will be available on location. If H₂S is encountered the operator will comply with the Onshore Oil and Gas Order No. 6. The H₂S measured amounts and formation will be reported to the BLM. Please see the attached H₂S Plan and the H₂S awareness map.
16. **Directional or Horizontal Survey:** The well is neither directional nor horizontal.
17. **Unit Well Current Unit POD:** The well is not in a unit or current unit POD.
18. **Work Schedule:** To be determined.
19. **Completion plans:** MIRU well service unit. PU 2 7/8" PH-6 work string. TIH, release retrievable bridge plug and pull out of hole. Pick up treating packer. TIH to 16,500' and set. Test back side to 1000 psi. Acidize down tubing with five stages – 8000 gallons 15% HCL each stage followed by 1500 lbs of rock salt each stage. Release packer and pull out of hole.
Trip in hole with tubing with notched collar. Circulate clean to TD. Pull out of the hole and pick up 7" Arrow Set 1X packer. Trip in the hole to 16,500'. Set blanking plug and on/off tool. Release packer and pull out of hole, laying down 2 7/8" work string. Pick up 4 1/2" lined injection tubing. Trip in hole and get on on/off tool. Release packer. Space out. Reset packer. Release on/off tool again. Circulate packer fluid. Get back on on/off tool. Nipple down BOP and nipple up well head. Schedule and perform MIT on tubing casing annulus per OCD and BLM guidelines. Turn well over to R360 for plumbing up surface facilities.

ATTACHMENT IV

The permit application is NOT an expansion of an existing project

ATTACHMENT V

Well and Lease Maps

● Uber East
 Oil & Gas Lease
 NM Mineral Lease
 NM Oil/Gas Lease
 NM Agriculture Lease

Author: MG
 0 0.3 0.6 0.9 1.2 Miles

Larson & Associates, Inc.
 Environmental Consultants

TABLE OF ACTIVE WELLS/ OPERATORS WITHIN TWO MILES OF THE PROPOSED UBER EAST SWD #1

R360 Permian Basin, LLC

API #	Operator	Lease	Well #	County	Legal	Total depth (ft)	Well Status
30-015-29684	LINN OPERATING, INC.	BARCLAY FEDERAL	4	EDDY	S:12, T:23S, R:31E, UNIT I	8450	ACTIVE OIL
30-015-30238	LINN OPERATING, INC.	BARCLAY FEDERAL	17	EDDY	S:12, T:23S, R:31E, UNIT J	8450	ACTIVE OIL
30-015-29785	FOREST OIL CORPORATION	BARCLAY FEDERAL	7	EDDY	S:12, T:23S, R:31E, UNIT K	8510	ACTIVE OIL
30-015-29694	LINN OPERATING, INC.	BARCLAY FEDERAL	3	EDDY	S:12, T:23S, R:31E, UNIT P	8465	ACTIVE OIL
30-015-29683	LINN OPERATING, INC.	BARCLAY FEDERAL		EDDY	S:12, T:23S, R:31E, UNIT O		ACTIVE OIL
30-015-28904	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 B FEDERAL	2	EDDY	S:13, T:23S, R:31E, UNIT B	8741	ACTIVE SWD
30-015-32632	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 E FEDERAL	26	EDDY	S:13, T:23S, R:31E, UNIT E	8540	ACTIVE OIL
30-015-31879	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 F FEDERAL	27	EDDY	S:13, T:23S, R:31E, UNIT F	8520	ACTIVE OIL
30-015-31514	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 G FEDERAL	21	EDDY	S:13, T:23S, R:31E, UNIT G	8560	ACTIVE OIL
30-015-28646	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 H FEDERAL	8	EDDY	S:13, T:23S, R:31E, UNIT H	8759	ACTIVE OIL
30-015-28647	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 I FEDERAL	9	EDDY	S:13, T:23S, R:31E, UNIT I	8650	ACTIVE OIL
30-015-27858	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 J FEDERAL	10	EDDY	S:13, T:23S, R:31E, UNIT J	8749	ACTIVE OIL
30-015-27859	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 K FEDERAL	11	EDDY	S:13, T:23S, R:31E, UNIT K	8650	ACTIVE OIL
30-015-32624	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 L FEDERAL	12	EDDY	S:13, T:23S, R:31E, UNIT L	8512	ACTIVE OIL
30-015-32015	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 M FEDERAL	31	EDDY	S:13, T:23S, R:31E, UNIT M	8535	ACTIVE OIL
30-015-27860	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 N FEDERAL	14	EDDY	S:13, T:23S, R:31E, UNIT N	8660	ACTIVE OIL
30-015-27716	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 O FEDERAL	15	EDDY	S:13, T:23S, R:31E, UNIT O	8650	ACTIVE OIL
30-015-28648	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 13 P FEDERAL	16	EDDY	S:13, T:23S, R:31E, UNIT P	8777	ACTIVE OIL
30-015-32866	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 A FEDERAL	2	EDDY	S:14, T:23S, R:31E, UNIT A	8500	PLUGGED
30-015-32777	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 B FEDERAL	3	EDDY	S:14, T:23S, R:31E, UNIT B	8515	ACTIVE OIL
30-015-33213	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 G FEDERAL	7	EDDY	S:14, T:23S, R:31E, UNIT G	8400	ACTIVE OIL
30-015-34303	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 H FEDERAL	8	EDDY	S:14, T:23S, R:31E, UNIT H	8400	ACTIVE OIL
30-015-32152	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 I FEDERAL	9	EDDY	S:14, T:23S, R:31E, UNIT I	8510	ACTIVE OIL
30-015-32625	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 J FEDERAL	10	EDDY	S:14, T:23S, R:31E, UNIT J	8500	ACTIVE OIL
30-015-20298	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 K FEDERAL	1	EDDY	S:14, T:23S, R:31E, UNIT K	16550	ACTIVE GAS
30-015-32628	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 N FEDERAL	14	EDDY	S:14, T:23S, R:31E, UNIT N	8486	ACTIVE OIL
30-015-32153	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 O FEDERAL	15	EDDY	S:14, T:23S, R:31E, UNIT O	8493	ACTIVE OIL
30-015-31884	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 14 P FEDERAL	16	EDDY	S:14, T:23S, R:31E, UNIT P	8450	ACTIVE OIL
30-015-36828	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 22 A FEDERAL	1	EDDY	S:22, T:23S, R:31E, UNIT A	8400	ACTIVE OIL
30-015-32729	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 22 H FEDERAL	8	EDDY	S:22, T:23S, R:31E, UNIT H	8375	ACTIVE OIL
30-015-32730	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 22 I FEDERAL	9	EDDY	S:22, T:23S, R:31E, UNIT I	8252	ACTIVE OIL
30-015-32735	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 22 P FEDERAL	16	EDDY	S:22, T:23S, R:31E, UNIT P	8380	ACTIVE OIL
30-015-31881	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 A FEDERAL	29	EDDY	S:23, T:23S, R:31E, UNIT A	8455	ACTIVE OIL
30-015-35076	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 A FEDERAL	38	EDDY	S:23, T:23S, R:31E, UNIT A	15300	SHUT-IN OIL
30-015-32155	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 B FEDERAL	30	EDDY	S:23, T:23S, R:31E, UNIT B	8450	ACTIVE OIL
30-015-32629	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 C FEDERAL	18	EDDY	S:23, T:23S, R:31E, UNIT C	8430	ACTIVE OIL
30-015-36861	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 D FEDERAL	19	EDDY	S:23, T:23S, R:31E, UNIT D	8450	ACTIVE OIL
30-015-33948	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 E FEDERAL	20	EDDY	S:23, T:23S, R:31E, UNIT E	8300	ACTIVE OIL
30-015-31882	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 F FEDERAL	31	EDDY	S:23, T:23S, R:31E, UNIT F	8390	ACTIVE OIL
30-015-32018	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 G FEDERAL	32	EDDY	S:23, T:23S, R:31E, UNIT G	8450	ACTIVE OIL
30-015-28182	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 H FEDERAL	6	EDDY	S:23, T:23S, R:31E, UNIT H	8447	ACTIVE OIL
30-015-26928	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 I FEDERAL	4	EDDY	S:23, T:23S, R:31E, UNIT I	8330	ACTIVE OIL
30-015-28766	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 I FEDERAL	16	EDDY	S:23, T:23S, R:31E, UNIT I	6273	ACTIVE OIL
30-015-22473	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 J FEDERAL	2	EDDY	S:23, T:23S, R:31E, UNIT J	6159	ACTIVE OIL
30-015-24257	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 J FEDERAL	3	EDDY	S:23, T:23S, R:31E, UNIT J	15120	ACTIVE GAS
30-015-27384	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 J FEDERAL	14	EDDY	S:23, T:23S, R:31E, UNIT J	8350	ACTIVE OIL
30-015-32019	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 K FEDERAL	34	EDDY	S:23, T:23S, R:31E, UNIT K	8415	ACTIVE OIL
30-015-35034	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 L FEDERAL	21	EDDY	S:23, T:23S, R:31E, UNIT L	8350	ACTIVE OIL
30-015-32800	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 M FEDERAL	22	EDDY	S:23, T:23S, R:31E, UNIT M	8300	ACTIVE OIL
30-015-32020	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 N FEDERAL	35	EDDY	S:23, T:23S, R:31E, UNIT N	8350	ACTIVE OIL
30-015-20796	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 O FEDERAL	1	EDDY	S:23, T:23S, R:31E, UNIT O	6150	ACTIVE OIL
30-015-27387	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 O FEDERAL	5	EDDY	S:23, T:23S, R:31E, UNIT O	8340	ACTIVE OIL
30-015-28342	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 P FEDERAL	15	EDDY	S:23, T:23S, R:31E, UNIT P	6289	ACTIVE OIL
30-015-27729	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 23 P FEDERAL	8	EDDY	S:23, T:23S, R:31E, UNIT K	8347	ACTIVE OIL

30-015-28649	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 A FEDERAL	1	EDDY	S:24, T:23S, R:31E, UNIT A	8774	ACTIVE OIL
30-015-27691	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 B FEDERAL	2	EDDY	S:24, T:23S, R:31E, UNIT B	8500	ACTIVE OIL
30-015-27692	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 G FEDERAL	7	EDDY	S:24, T:23S, R:31E, UNIT G	8650	ACTIVE OIL
30-015-27693	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 H FEDERAL	8	EDDY	S:24, T:23S, R:31E, UNIT H	8706	ACTIVE OIL
30-015-27694	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 I FEDERAL	9	EDDY	S:24, T:23S, R:31E, UNIT I	8722	ACTIVE OIL
30-015-27709	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 J FEDERAL	10	EDDY	S:24, T:23S, R:31E, UNIT J	8634	ACTIVE OIL
30-015-27718	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 O FEDERAL	15	EDDY	S:24, T:23S, R:31E, UNIT O	8626	ACTIVE OIL
30-015-27695	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 P FEDERAL	16	EDDY	S:24, T:23S, R:31E, UNIT P	8652	ACTIVE OIL
30-015-27657	OXY USA INC	AMAX 24 FEDERAL	5	EDDY	S:24, T:23S, R:31E, UNIT C	8464	ACTIVE OIL
30-015-25407	OXY USA INC	FEDERAL 24	3	EDDY	S:24, T:23S, R:31E, UNIT D		ACTIVE OIL
30-015-28123	OXY USA INC	AMAX 24 FEDERAL	12	EDDY	S:24, T:23S, R:31E, UNIT D	8450	ACTIVE OIL
30-015-32496	OXY USA INC	AMAX 24 FEDERAL	15	EDDY	S:24, T:23S, R:31E, UNIT D	7909	ACTIVE OIL
30-015-27129	OXY USA INC	AMAX 24 FEDERAL	7	EDDY	S:24, T:23S, R:31E, UNIT E	8430	ACTIVE OIL
30-015-25305	OXY USA INC	FEDERAL 24	1	EDDY	S:24, T:23S, R:31E, UNIT E		ACTIVE OIL
30-015-30370	OXY USA INC	AMAX 24 FEDERAL	14	EDDY	S:24, T:23S, R:31E, UNIT E	8450	ACTIVE OIL
30-015-27423	OXY USA INC	AMAX 24 FEDERAL	6	EDDY	S:24, T:23S, R:31E, UNIT F	8454	ACTIVE OIL
30-015-27162	OXY USA INC	AMAX 24 FEDERAL	8	EDDY	S:24, T:23S, R:31E, UNIT L		ACTIVE OIL
30-015-25408	OXY USA INC	FEDERAL 24	2	EDDY	S:24, T:23S, R:31E, UNIT L		PLUGGED
30-015-27411	OXY USA INC	AMAX 24 FEDERAL	9	EDDY	S:24, T:23S, R:31E, UNIT K	8450	ACTIVE OIL
30-015-29332	OXY USA INC	AMAX 24 FEDERAL	13	EDDY	S:24, T:23S, R:31E, UNIT M	6700	ACTIVE OIL
30-015-27412	OXY USA INC	AMAX 24 FEDERAL	11	EDDY	S:24, T:23S, R:31E, UNIT M	8415	ACTIVE OIL
30-015-27696	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 A FEDERAL	1	EDDY	S:25, T:23S, R:31E, UNIT A	8750	ACTIVE OIL
30-015-27705	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 B FEDERAL	2	EDDY	S:25, T:23S, R:31E, UNIT B	8628	ACTIVE OIL
30-015-27706	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 C FEDERAL	3	EDDY	S:25, T:23S, R:31E, UNIT C	8400	ACTIVE OIL
30-015-27382	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 D FEDERAL	4	EDDY	S:25, T:23S, R:31E, UNIT D	8400	ACTIVE OIL
30-015-27383	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 E FEDERAL	5	EDDY	S:25, T:23S, R:31E, UNIT E	8412	ACTIVE OIL
30-015-27707	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 F FEDERAL	6	EDDY	S:25, T:23S, R:31E, UNIT F	8570	ACTIVE OIL
30-015-27708	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 G FEDERAL	7	EDDY	S:25, T:23S, R:31E, UNIT G	8648	ACTIVE OIL
30-015-28805	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 H FEDERAL	8	EDDY	S:25, T:23S, R:31E, UNIT H	8626	ACTIVE OIL
30-015-28807	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 I FEDERAL	9	EDDY	S:25, T:23S, R:31E, UNIT I	8670	ACTIVE OIL
30-015-28806	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 J FEDERAL	10	EDDY	S:25, T:23S, R:31E, UNIT J	8642	ACTIVE OIL
30-015-27710	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 K FEDERAL	11	EDDY	S:25, T:23S, R:31E, UNIT K	8630	ACTIVE OIL
30-015-27385	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 L FEDERAL	12	EDDY	S:25, T:23S, R:31E, UNIT L	8400	ACTIVE OIL
30-015-27386	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 M FEDERAL	13	EDDY	S:25, T:23S, R:31E, UNIT M	8370	ACTIVE OIL
30-015-28859	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 N FEDERAL	14	EDDY	S:25, T:23S, R:31E, UNIT N	8673	ACTIVE SWD
30-015-28860	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 O FEDERAL	15	EDDY	S:25, T:23S, R:31E, UNIT O	8671	ACTIVE OIL
30-015-28817	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 25 P FEDERAL	16	EDDY	S:25, T:23S, R:31E, UNIT P	8708	ACTIVE OIL
30-015-38614	DEVON ENERGY PRODUCTION COMPANY, LP	ALDABRA 25 FEDERAL	3H	EDDY	S:25, T:23S, R:31E, UNIT N	11694	ACTIVE OIL
30-015-38602	DEVON ENERGY PRODUCTION COMPANY, LP	ALDABRA 25 FEDERAL	6H	EDDY	S:25, T:23S, R:31E, UNIT P	9147	ACTIVE OIL
30-015-38603	DEVON ENERGY PRODUCTION COMPANY, LP	ALDABRA 25 FEDERAL	7H	EDDY	S:25, T:23S, R:31E, UNIT N	8874	ACTIVE OIL
30-015-21224	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 A FEDERAL	6	EDDY	S:26, T:23S, R:31E, UNIT A	6110	PLUGGED
30-015-27103	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 A FEDERAL	11	EDDY	S:26, T:23S, R:31E, UNIT A	8400	ACTIVE OIL
30-015-20599	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 B FEDERAL	4	EDDY	S:26, T:23S, R:31E, UNIT B	6150	ACTIVE OIL
30-015-27374	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 B FEDERAL	22	EDDY	S:26, T:23S, R:31E, UNIT B	8350	ACTIVE OIL
30-015-36827	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 C FEDERAL COM	12H	EDDY	S:26, T:23S, R:31E, UNIT C	8087	ACTIVE OIL
30-015-35077	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 D FEDERAL	23	EDDY	S:26, T:23S, R:31E, UNIT D	8350	ACTIVE OIL
30-015-35078	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 E FEDERAL	18	EDDY	S:26, T:23S, R:31E, UNIT E	8300	ACTIVE OIL
30-015-20302	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 F FEDERAL	3	EDDY	S:26, T:23S, R:31E, UNIT F	5800	ACTIVE SWD
30-015-20242	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 G FEDERAL	1	EDDY	S:26, T:23S, R:31E, UNIT G	16406	ACTIVE GAS
30-015-20277	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 G FEDERAL	2	EDDY	S:26, T:23S, R:31E, UNIT G	6140	ACTIVE SWD
30-015-27101	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 G FEDERAL	8	EDDY	S:26, T:23S, R:31E, UNIT G	8340	ACTIVE OIL
30-015-27198	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 H FEDERAL	19	EDDY	S:26, T:23S, R:31E, UNIT H	8350	ACTIVE OIL
30-015-27199	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 I FEDERAL	20	EDDY	S:26, T:23S, R:31E, UNIT I	8340	ACTIVE OIL
30-015-20986	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 J FEDERAL	5	EDDY	S:26, T:23S, R:31E, UNIT J	6100	ACTIVE OIL
30-015-27200	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 J FEDERAL	21	EDDY	S:26, T:23S, R:31E, UNIT J	8300	ACTIVE OIL
30-015-27102	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 K FEDERAL	10	EDDY	S:26, T:23S, R:31E, UNIT K	8400	ACTIVE OIL
30-015-27104	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 N FEDERAL	14	EDDY	S:26, T:23S, R:31E, UNIT N	8400	ACTIVE OIL
30-015-21431	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 O FEDERAL	7	EDDY	S:26, T:23S, R:31E, UNIT O	6103	ACTIVE OIL
30-015-27105	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 O FEDERAL	15	EDDY	S:26, T:23S, R:31E, UNIT O	8388	ACTIVE OIL
30-015-27134	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 26 P FEDERAL	16	EDDY	S:26, T:23S, R:31E, UNIT P	8425	ACTIVE OIL

30-015-27269	OXY USA INC	CAL-MON	10	EDDY	S:35, T:235, R:31E, UNIT A	8374	ACTIVE OIL
30-015-27206	OXY USA INC	CAL-MON	9	EDDY	S:35, T:235, R:31E, UNIT B		ACTIVE OIL
30-015-27496	OXY USA INC	CAL-MON	19	EDDY	S:35, T:235, R:31E, UNIT H	8400	ACTIVE OIL
30-015-29294	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 A STATE	16	EDDY	S:36, T:235, R:31E, UNIT A	8700	PLUGGED
30-015-29102	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 B STATE	15	EDDY	S:36, T:235, R:31E, UNIT B	8581	ACTIVE OIL
30-015-38044	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 B STATE	20H	EDDY	S:36, T:235, R:31E, UNIT B	9024	ACTIVE OIL
30-015-28522	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 C STATE	7	EDDY	S:36, T:235, R:31E, UNIT C	8623	ACTIVE OIL
30-015-27365	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 D STATE	2	EDDY	S:36, T:235, R:31E, UNIT D	8400	ACTIVE OIL
30-015-28005	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 E STATE	3	EDDY	S:36, T:235, R:31E, UNIT E	8400	ACTIVE OIL
30-015-20341	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 STATE	1	EDDY	S:36, T:235, R:31E, UNIT F	15400	ACTIVE SWD
30-015-28520	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 F STATE	6	EDDY	S:36, T:235, R:31E, UNIT F	8707	ACTIVE OIL
30-015-29292	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 G STATE	8	EDDY	S:36, T:235, R:31E, UNIT G	8636	ACTIVE OIL
30-015-29293	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 36 H STATE	17	EDDY	S:36, T:235, R:31E, UNIT H	8715	ACTIVE OIL
30-025-35144	ENERVEST OPERATING L.L.C.	SHARBRO FEDERAL	7	LEA	S:7, T:235, R:32E, UNIT L	8516	ACTIVE OIL
30-025-35047	ENERVEST OPERATING L.L.C.	BLUE QUAIL FEDERAL	2	LEA	S:7, T:235, R:32E, UNIT M	9400	ACTIVE OIL
30-025-39818	ENERVEST OPERATING L.L.C.	BLUE QUAIL FEDERAL	3	LEA	S:7, T:235, R:32E, UNIT N	8800	ACTIVE OIL
30-025-33222	ENERVEST OPERATING L.L.C.	BLUE QUAIL FEDERAL	1	LEA	S:7, T:235, R:32E, UNIT O	8850	ACTIVE OIL
30-025-38687	ENERVEST OPERATING L.L.C.	SHARBRO FEDERAL	1	LEA	S:7, T:235, R:32E, UNIT P	10638	ACTIVE OIL
30-025-34812	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 17 FEDERAL	4	LEA	S:17, T:235, R:32E, UNIT J	8876	ACTIVE OIL
30-025-35070	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 17 FEDERAL	6	LEA	S:17, T:235, R:32E, UNIT K	8900	ACTIVE OIL
30-025-35069	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 17 FEDERAL	5	LEA	S:17, T:235, R:32E, UNIT N	8658	ACTIVE OIL
30-025-34691	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 17 FEDERAL	2	LEA	S:17, T:235, R:32E, UNIT O	8850	ACTIVE OIL
30-025-33364	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 18 FEDERAL	1	LEA	S:18, T:235, R:32E, UNIT A	9349	ACTIVE OIL
30-025-25622	STRATA PRODUCTION CO	SDE 18 FEDERAL	1	LEA	S:18, T:235, R:32E, UNIT C	9300	PLUGGED
30-025-25017	TEXACO EXPLORATION & PRODUCTION INC	SAND 18 FEDERAL	1	LEA	S:18, T:235, R:32E, UNIT H	15500	PLUGGED
30-025-32669	CHEVRON U S A INC	SDE 18 FEDERAL	2	LEA	S:18, T:235, R:32E, UNIT M	8707	PLUGGED
30-025-33049	TEXACO EXPLORATION & PRODUCTION INC	SAND 18 FEDERAL	2	LEA	S:18, T:235, R:32E, UNIT O	8800	PLUGGED
30-025-40993	XTO ENERGY, INC	SDE 19 FEDERAL	6H	LEA	S:19, T:235, R:32E, UNIT D		NEW OIL
30-025-38130	XTO ENERGY, INC	SDE 19 FEDERAL	5	LEA	S:19, T:235, R:32E, UNIT D	9022	ACTIVE OIL
30-025-33100	HARVARD PETROLEUM COMPANY, LLC	JAMES 19 FEDERAL	2	LEA	S:19, T:235, R:32E, UNIT J	8839	ACTIVE OIL
30-025-32909	XTO ENERGY, INC	SDE 19 FEDERAL	4	LEA	S:19, T:235, R:32E, UNIT K	9850	ACTIVE OIL
30-025-32908	XTO ENERGY, INC	SDE 19 FEDERAL	3	LEA	S:19, T:235, R:32E, UNIT O	9850	ACTIVE OIL
30-025-34926	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 20 FEDERAL	2	LEA	S:20, T:235, R:32E, UNIT B	8850	ACTIVE OIL
30-025-38050	HARVARD PETROLEUM COMPANY, LLC	JAMES 20 FEDERAL	2	LEA	S:20, T:235, R:32E, UNIT F	8850	ACTIVE OIL
30-025-35233	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 20 FEDERAL	4	LEA	S:20, T:235, R:32E, UNIT G	8600	ACTIVE OIL
30-025-35525	DEVON ENERGY PRODUCTION COMPANY, LP	TOMCAT 20 FEDERAL	6	LEA	S:20, T:235, R:32E, UNIT J	8950	ACTIVE OIL
30-025-37786	HARVARD PETROLEUM COMPANY, LLC	JAMES 20 FEDERAL	1	LEA	S:20, T:235, R:32E, UNIT K	8889	ACTIVE OIL
30-025-38447	PPC OPERATING COMPANY LLC	LONECAT FEDERAL	1	LEA	S:20, T:235, R:32E, UNIT N	8870	ACTIVE OIL
30-025-08118	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	1	LEA	S:20, T:235, R:32E, UNIT O	4949	PLUGGED
30-025-08119	YATES PETROLEUM CORPORATION	CONTINENTAL APJ FEDERAL	8	LEA	S:20, T:235, R:32E, UNIT O	8750	ACTIVE OIL

30-025-36028	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	7 LEA	S:29, T:23S, R:32E, UNIT B	8603	ACTIVE OIL
30-025-37778	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	12 LEA	S:29, T:23S, R:32E, UNIT C	8865	ACTIVE OIL
30-025-36721	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	5 LEA	S:29, T:23S, R:32E, UNIT F	8664	ACTIVE OIL
30-025-35888	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	6 LEA	S:29, T:23S, R:32E, UNIT G	8700	ACTIVE OIL
30-025-35843	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	4 LEA	S:29, T:23S, R:32E, UNIT J	8632	ACTIVE OIL
30-025-35812	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	3 LEA	S:29, T:23S, R:32E, UNIT K	8610	ACTIVE OIL
30-025-29495	HARVARD PETROLEUM COMPANY, LLC	JAMES FEDERAL	2 LEA	S:29, T:23S, R:32E, UNIT N	4906	ACTIVE OIL
30-025-33262	EOG RESOURCES INC	DARIUS ADS FEDERAL	1 LEA	S:30, T:23S, R:32E, UNIT B	8856	ACTIVE OIL
30-025-32891	DEVON ENERGY PRODUCTION COMPANY, LP	TRESNOR MITCHELL 30 FEDERAL	3 LEA	S:30, T:23S, R:32E, UNIT C	8825	ACTIVE OIL
30-025-32041	DEVON ENERGY PRODUCTION COMPANY, LP	TRESNOR FEDERAL	2 LEA	S:30, T:23S, R:32E, UNIT E	8990	ACTIVE OIL
30-025-32754	DEVON ENERGY PRODUCTION COMPANY, LP	TRESNOR MITCHELL 30 FEDERAL	2 LEA	S:30, T:23S, R:32E, UNIT F	8775	ACTIVE OIL
30-025-32481	EOG RESOURCES INC	LITTLE JACK 30 FEDERAL	2 LEA	S:30, T:23S, R:32E, UNIT G	8800	ACTIVE OIL
30-025-32176	EOG RESOURCES INC	LITTLE JACK 30 FEDERAL	1 LEA	S:30, T:23S, R:32E, UNIT J	9758	ACTIVE OIL
30-025-27478	DEVON ENERGY PRODUCTION COMPANY, LP	TRESNOR FEDERAL	1 LEA	S:30, T:23S, R:32E, UNIT K	15588	ACTIVE OIL
30-025-32688	DEVON ENERGY PRODUCTION COMPANY, LP	TRESNOR MITCHELL 30 FEDERAL	1 LEA	S:30, T:23S, R:32E, UNIT N	8765	ACTIVE OIL
30-025-32478	EOG RESOURCES INC	LITTLE JACK 30 FEDERAL	3 LEA	S:30, T:23S, R:32E, UNIT O	8900	ACTIVE OIL
30-025-08133	EOG RESOURCES INC	LITTLE JACK 30 FEDERAL	4 LEA	S:30, T:23S, R:32E, UNIT P	8850	ACTIVE OIL
30-025-32717	CHEVRON U S A INC	SDE 31 FEDERAL	5 LEA	S:31, T:23S, R:32E, UNIT B	10005	PLUGGED
30-025-32701	XTO ENERGY, INC	SDE 31 FEDERAL	2 LEA	S:31, T:23S, R:32E, UNIT C	8700	ACTIVE OIL
30-025-32676	XTO ENERGY, INC	SDE 31 FEDERAL	1 LEA	S:31, T:23S, R:32E, UNIT D	9212	ACTIVE OIL
30-025-32716	XTO ENERGY, INC	SDE 31 FEDERAL	4 LEA	S:31, T:23S, R:32E, UNIT F	9200	ACTIVE OIL
30-025-29499	XTO ENERGY, INC	SDE 31 FEDERAL	17 LEA	S:31, T:23S, R:32E, UNIT G	9809	ACTIVE OIL

.5 mile AOR of Uber East SWD

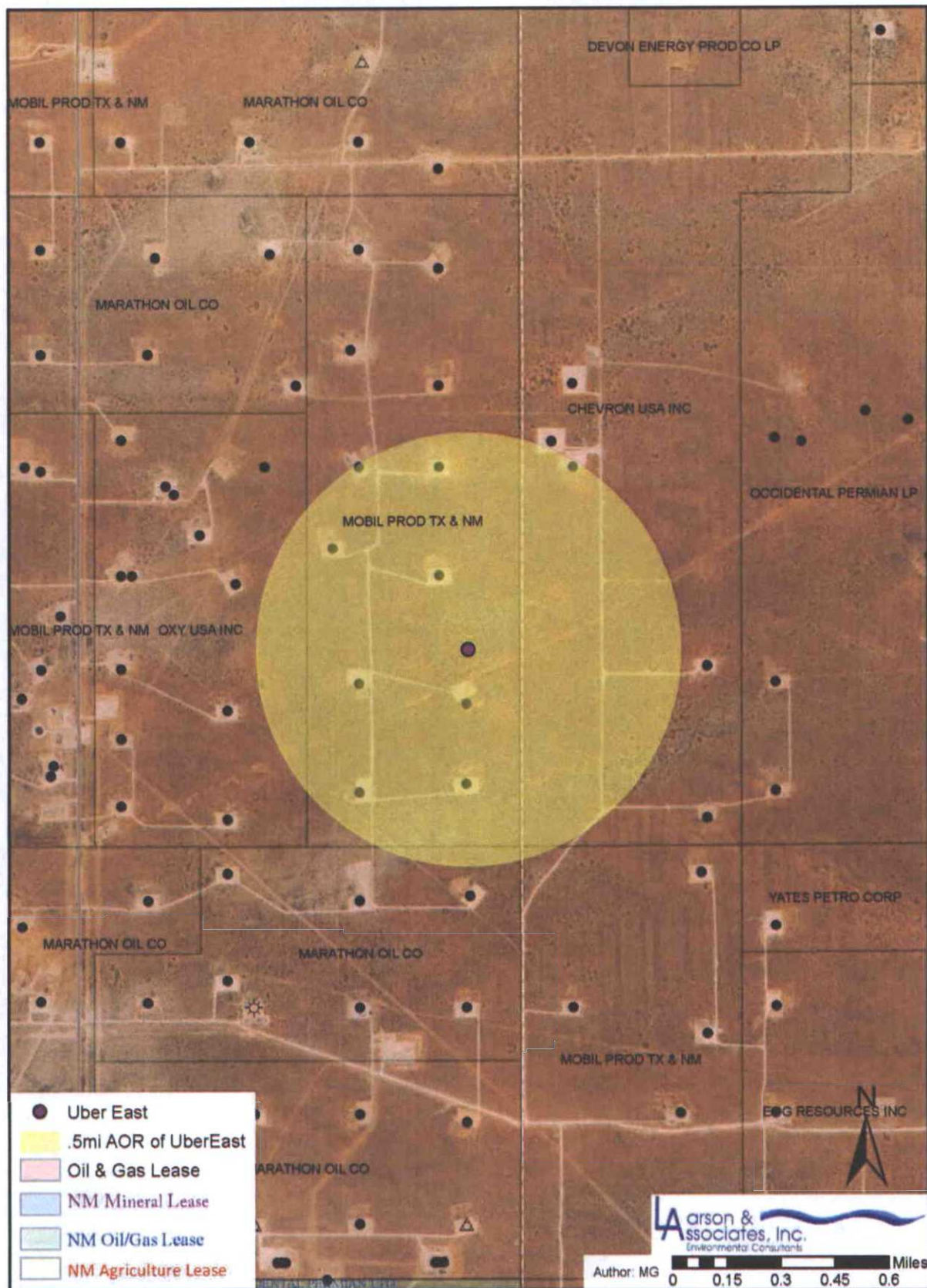


TABLE OF ACTIVE WELLS/ OPERATORS WITHIN THE AREA OF REVIEW OF THE PROPOSED UBER EAST SWD #1

R360 Permian Basin, LLC

API #	Operator	Lease	Well #	County	Legal	Total depth (ft)	Well Status
30-025-40993	XTO ENERGY, INC	SDE 19 FEDERAL	6H	LEA	S:19, T:23S, R:32E, UNIT D		NEW OIL
30-025-38130	XTO ENERGY, INC	SDE 19 FEDERAL	5	LEA	S:19, T:23S, R:32E, UNIT D	9022	ACTIVE OIL
30-015-28649	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 A FEDERAL	1	EDDY	S:24, T:23S, R:31E, UNIT A	8774	ACTIVE OIL
30-015-27691	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 B FEDERAL	2	EDDY	S:24, T:23S, R:31E, UNIT B	8500	ACTIVE OIL
30-015-27692	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 G FEDERAL	7	EDDY	S:24, T:23S, R:31E, UNIT G	8650	ACTIVE OIL
30-015-27693	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 H FEDERAL	8	EDDY	S:24, T:23S, R:31E, UNIT H	8706	ACTIVE OIL
30-015-27694	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 I FEDERAL	9	EDDY	S:24, T:23S, R:31E, UNIT I	8722	ACTIVE OIL
30-015-27709	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 J FEDERAL	10	EDDY	S:24, T:23S, R:31E, UNIT J	8634	ACTIVE OIL
30-015-27718	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 O FEDERAL	15	EDDY	S:24, T:23S, R:31E, UNIT O	8626	ACTIVE OIL
30-015-27695	DEVON ENERGY PRODUCTION COMPANY, LP	TODD 24 P FEDERAL	16	EDDY	S:24, T:23S, R:31E, UNIT P	8652	ACTIVE OIL

JACK C. MAGEE
Independent Petroleum Landman
8805 ECR 103
Midland, Texas 79706

605-28-1895 cell

mageelaw@midconetwork.com

July 2, 2015

Mark Larson
Larson & Associates, Inc.
507 N. Marienfeld, Suite 200
Midland, TX 79702

Re: Uber East SWD #1
Section 15, T23S-R31E
Eddy County, NM

Dear Mr. Larson:

You asked for an Report of "owners" within ½ mile of your proposed Uber East SWD #1 disposal well being permitted in the captioned Section 15.

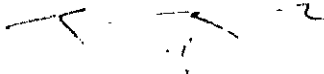
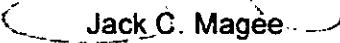
In this connection I examined the abstract of title prepared by Schutz Abstract and the public website records of the Bureau of Land Management (BLM); the public website of the New Mexico Oil Conservation Commission (NMOCD); and the public website of the State of New Mexico Land System.

Based on the material examined, I am attaching a Report of the surface owners and "affected persons" being any unleased mineral owner, or Lessee if not producing, or Operator if producing. I am also attaching copies of relevant information used in preparing the Report.

I also wish to bring to your attention that some of the Lessees named in my Report may not be current due to the lack of updated information being filed of record either with the BLM and no attempt has been made to independently tract down the heirs or devisees of any person shown of record.

Thank you and please do not hesitate to call should you have any questions or comments.

Sincerely,

Jack C. Magee

Encl.

**UBER EAST SWD #1: OWNERS WITHIN 1/2 MILE RADIUS
EDDY COUNTY and LEA COUNTY, NM**

Section 19, Township 23 South, Range 32 East, NMPM - Lea County

Surface Owners

Lots 1-4, E/2 W/2

United States Dept of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, NM 88220

Oil & Gas Lessees/Operators

Lots 1-4, E/2 W/2

Lease: NM 18848 issued 8/1/1973.

Operator

XTO Energy, Inc.
810 Houston Street
Ft. Worth, TX 76102

Potash Lessees

Lots 1-4, E/2 W/2

Section 19 is not within the federally
"Designated Potash Area".

No current Potash lease found of record.

Section 30, Township 23 South, Range 32 East, NMPM - Lea County

Surface Owners

Lot 1 (NW/4 NW/4)

United States Dept of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, NM 88220

Oil & Gas Lessees/Operators

**Lot 1 (NW/4 NW/4): Surface to the base of the Morrow
(14,950')**

Lease: NM 14157 issued 8/1/1971

Operator

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City, OK 73102

**Lot 1 (NW/4 NW/4): below the base of the Morrow
(14,950')**

Lease: NM 14157 issued 8/1/1971

Operator rights owner(s)/Lessee

Mobil Producing Texas & NM, Inc.
12459 Greenspoint Drive
Houston, TX 77060

Potash Lessees

Lot 1 (NW/4 NW/4)

Section 30 is not within the federally
"Designated Potash Area".

No current Potash lease found of record.

Section 24, Township 23 South, Range 31 East, NMPM - Eddy County

Surface Owners

E/2 W/2, E/2

United States Dept of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street

Oil & Gas Lessees/Operators

E/2 W/2

Lease NM 40655 issued 7/1/1980

Operator
OXY USA, Inc.
P.O. Box 27570
Houston, TX 77227

E/2: Surface to the base of the Siluro-Devonian formation

Lease NM 0533177 issued 4/1/1964

Operator
Devon Energy Production Company; LP
333 West Sheridan
Oklahoma City, OK 73102

E/2: Below the base of the Siluro-Devonian formation

Lease NM 0533177 issued 4/1/1964

Operator
Mobil Producing Texas & NM, Inc.
12459 Greenspoint Drive
Houston, TX 77060

Potash Lessees

E/2 W/2, E/2

Section 24 is within the federally
"Designated Potash Area".

No current Potash lease found of record.

Section 25, Township 23 South, Range 31 East, NMPM - Eddy County

Surface Owners

N/2 NE/4

United States Dept of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, NM 88220

Oil & Gas Lessees/Operators

N/2 NE/4: Surface to the base of the Siluro-Devonian formation

Lease NM 0544986 issued 5/1/1964

Operator

Devon Energy Production Co., LP
20 N. Broadway #1500
Oklahoma City, OK 73102

N/2 NE/4: Below the base of the Siluro-Devonian formation

Lease NM 0544986 issued 5/1/1964

Operating Rights Owner/ Lessee

Marathon Oil Company
P.O. Box 3128
Houston, TX 77253

Potash Lessees

N/2 NE/4

Section 25 is within the federally
"Designated Potash Area".

No current Potash lease found of record.

SCHUTZ ABSTRACT CO., INC.

P.O. BOX 973

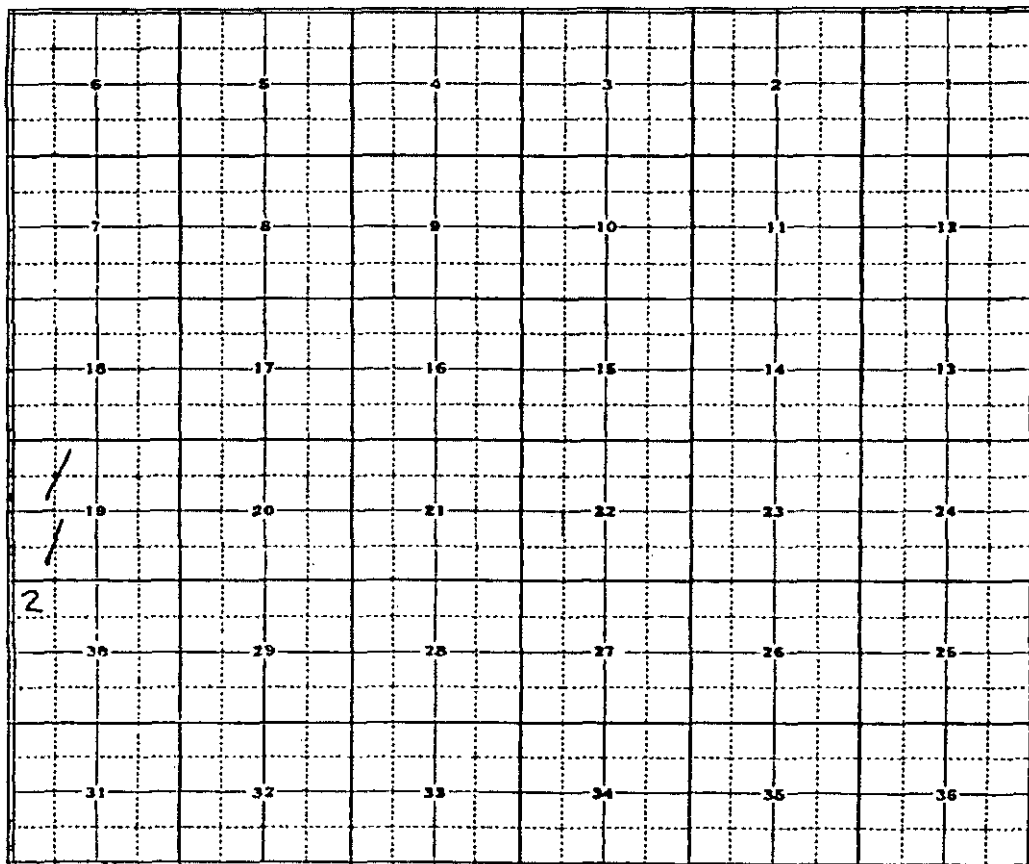
(505) 982-0130

SANTA FE, NEW MEXICO 87504

T. 23 South R. 32 East

Lea County

6/29/15



RED - STATE LAND
BLUE - FEE LAND

1. NM 18848

2. NM 14157

JUN 20 2015

NM 18848

T.23 South - R.32 East
Section 19: LOTS 1-4, E2W2L-H.B.P.
08/01/73

Lessee :

Chevron USA Inc.
15 Smith Rd.
Midland, TX 79705

RUN SHEET:

Lease NM 18848 issued 8/1/73 to Ralph D. Wharton for 10 years with 12.5% royalty to the USA.

Assign. of record title dated 10/16/73 from Ralph & Linda Wharton to John Oakason 25% and H.B. Cahoon Investment Co. 25% as to all lands, retaining 50% interest.

Assign. of record title dated 3/18/74 from Ralph & Linda Wharton 50%, John & Jean Oakason 25% and H.B. Cahoon Investment Co. 25% to Skelly Oil Co. as to all lands, reserving 5% overriding royalty.

Decision of 12/8/77 stated that the lease was terminated for non-payment of rental.

Petition for reinstatement of lease was filed 12/27/77.

Decision of 2/1/78 reinstated the lease.

Skelly Oil Co. merged into Getty Oil Co.

Assign. of overriding royalty dated 3/15/84 from Zions 1st Nat. Bank Executors for the Estate of John Oakason Jr. to 1st Security Bank of Utah, trustee under the John E. Oakason Jr. Trust 1.25% as to all lands.

Assign. of record title dated 7/17/85 from Getty Oil Co. to Texaco Producing Inc. 100% as to all lands.

Texaco Producing Inc. changed its name to Texaco Exploration & Prod. Inc.

Decree of divorce between Linda Wharton & Ralph Wharton is filed of record. Each party awarded 1/2 of the parties' entire interest in this lease.

Quitclaim deed dated 11/18/92 from Linda McCarty (formerly known as Linda Wharton) to F. Andrew Grooms all of grantor's entire right, title and interest as to 1.25% as to all lands.

Letter of 3/31/93 stated that the royalty rate was reduced to 1.3% effective 10/1/92, due to the stripper royalty rate reduction program.

Memo in the file stated that a suspension of production for lease NM 18848 was approved 6/1/90. The producible well on the lease resumed production during 11/1992, therefore, the suspension is considered to be terminated 11/1/92.

Decision of 10/26/93 stated that suspension of production was lifted 11/1/92.

Partial assignment from Texaco Explor. & Prod. Inc. to Bargo Petroleum Corp. as to sec. 18: NENW was given new serial # NM 105929.

Assign. of record title dated 5/6/02 from Texaco Exploration & Prod. Inc. to Chevron USA Inc. 100% as to all lands.

Assign. of oper. rights dated 8/16/04 from Chevron USA Inc. to XTO Energy Inc. 100% as to all lands, no depth specified.

Assign. of overriding royalty (not dated) from Wells Fargo Bank, N.A. f/k/a First Security Bank of Utah, N.A. as trustee under the John E. Oakason, Jr. Trust to The Oakason Jr. Company LC .65% and Bank of America, N.A. Successor trustee of the Jean C. Oakason Marital Trust .6% as to all lands.

Assign. of overriding royalty dated 12/27/12 from Jean C. Oakason Marital Trust to Jean C. Oakason Memorial, LLC all of assignor's interest as to all lands.

OPERATING RIGHTS:

XTO Energy Inc. 810 Houston St. Ft. Worth, TX 76102	100%
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OVERRIDING ROYALTY:

Ralph Wharton 415 Creekside Cr. #F Salt Lake City, UT 84106	1.25%
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The Oakason Jr. Company, LC P.O. Box 830308 Dallas, TX 75283	.65%
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Jean C. Oakason Memorial, LLC 3018 East Ksel Dr. Sandy, UT 74092	.6%
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H.B. Cahoon Investment Co. 3563 Canyon Way Salt Lake City, UT 84106	1.25%
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F. Andrew Grooms Box 2328 Roswell, NM 88202	1.25%
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12.5% Royalty to U.S.A

Notes:

JUN 20 2015

NM 14157

T.23 South - R.32 East
Section 30: LOT 1 (NWNW)L-H.B.P.
08/01/71

Lessee :

Mobil Producing Texas & NM Inc.
12450 Greenspoint Dr.
Houston, TX 77060

RUN SHEET:

Non-Competitive lease NM 14157 issued 8/1/71 to Amy Tresner for 10 years with 12.5% royalty to the USA.

Assign. of record title dated 1/5/72 from Amy & Gerald Tresner to The Superior Oil Co. 100% as to all lands, reserving 5% overriding royalty.

Decision of 1/8/82 extended the lease for two years to 7/31/83, and so long as oil or gas is produced in paying quantities.

Superior Oil Co's No. 1 Tresnor Federal well was completed 8/19/82.

Assign. of record title dated 4/1/86 from The Superior Oil Co. to Mobil Producing Texas & New Mexico Inc. 100% as to all lands, subject to 5% ORRI, previously reserved.

Assign. of oper. rights dated 3/31/88 from Mobil Producing Texas & NM Inc. to Enron Oil & Gas Co. 100% as to all lands from the surface to the base of the Morrow (14,950').

Assign. of oper. rights dated 8/7/91 from Enron Oil & Gas Co. to Mitchell Energy Corp. 100% as to all lands from the surface to the base of the Morrow (14,950').

Santa Fe Energy Resources Inc. merged into Snyder Oil Corp. and the name was changed to Santa Fe Snyder Corp.

Enron Oil & Gas Co. changed its name to EOG Resources.

Devon Merger Co. merged with Santa Fe Snyder Corp. and the name was changed to Devon SFS Operating Inc.

Mitchell Energy Corp. changed its name to Devon Energy Operating Co. LP.

Devon SFS Operating Inc. merged into Devon Energy Prod. Co. LP.

Assign. of overriding royalty dated 3/13/03 from Wells Fargo Bank West, N.A. as trustee of Dean G. Tresner Trust to Johnson/Kightlinger & Co., c/o John Graham, as Trustee of the Dean G. Tresner Trust 2.5% as to all lands.

Devon Energy Operating Co. LP merged into Devon Energy Prd. Co. LP.

Letter of 12/13/06 stated that the royalty rate was reduced to 11.7% effective 1/1/02, due to the stripper royalty rate reduction program.

Letter of 11/10/09 stated that the royalty rate was reduced to 2.9% effective 4/1/05 to 1/31/06 due to the stripper royalty rate reduction program.

Letter of 11/10/09 stated that the royalty rate was reduced to 2.9% eff.

3/1/04 to 2/28/05 due to the stripper royalty rate reduction program.

Letter of 11/10/09 stated that the royalty rate was reduced to 2.1% effective 2/1/03 to 1/31/04 due to the stripper royalty rate reduction program.

Assign. of overriding royalty dated 2/19/15 from John Graham, as trustee of the Dean G. Tresner Trust to Amy Lynn Living Trust dated 2/21/12 as to all lands, 2.5%.

OPERATING RIGHTS:

Lot 1 from the surface to the base of the Morrow (14,950'):

Devon Energy Prod. Co. LP	100%
20 N. Broadway, #1500	
Oklahoma City, OK 73102	

Below the base of the Morrow:

Lessee	100%
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OVERRIDING ROYALTY:

Amy & Gerald Tresner	5%
910 Midland Savings Bldg.	
Denver, CO 80202	

*note: The following assignments are filed of record:
Assign. of overriding royalty dated 3/13/03 from Wells Fargo Bank West, N.A. as trustee of Dean G. Tresner Trust to Johnson/Kightlinger & Co., c/o John Graham, as Trustee of the Dean G. Tresner Trust 2.5% as to all lands.

Assign. of overriding royalty dated 2/19/15 from John Graham, as trustee of the Dean G. Tresner Trust to Amy Lynn Living Trust dated 2/21/12 as to all lands, 2.5%.

12.5% Royalty to U.S.A

Notes:

SCHUTZ ABSTRACT CO., INC.

P.O. BOX 973

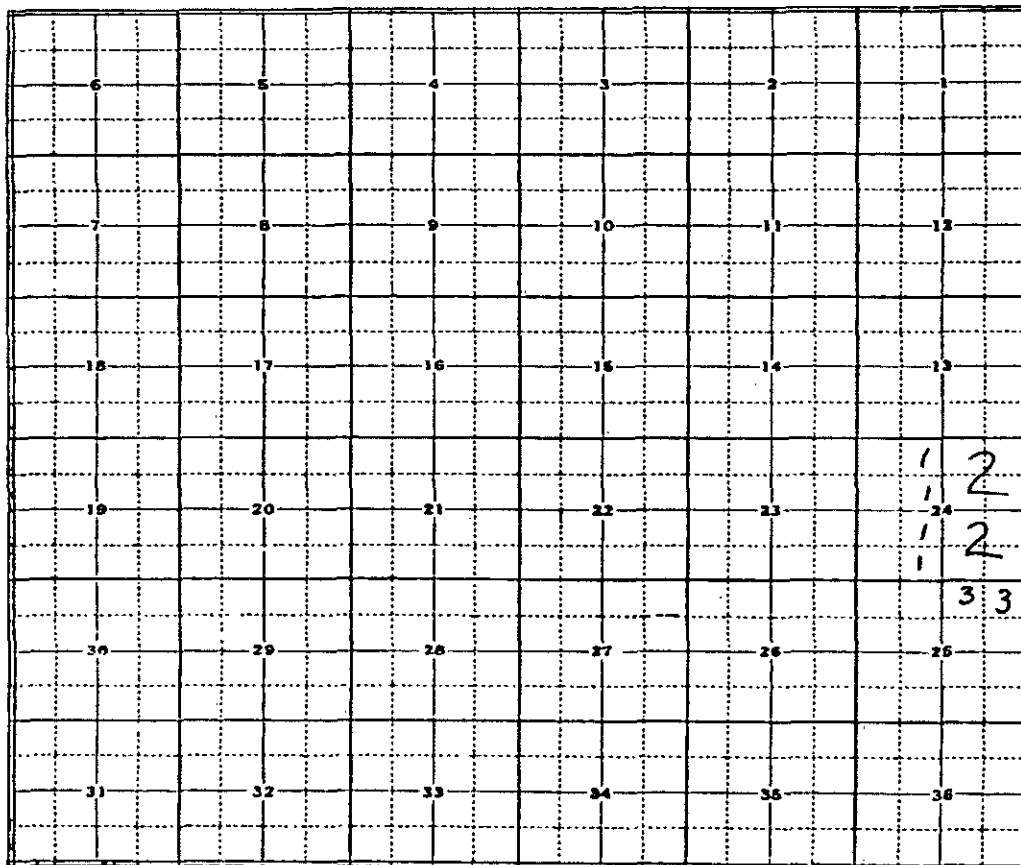
(505) 982-0130

SANTA FE, NEW MEXICO 87504

T. 23 South R. 31 East

Eddy County

6/29/15



RED - STATE LAND
BLUE - FEE LAND

1. NM 40655

2. NM 0533177-A

3. NM 0544986

JUN 20 2015

NM 40655

T.23 South - R.31 East
Section 24:E2W2L-H.B.P
7/1/1980

Lessee :

OXY USA Inc.
P.O. Box 27570
Houston, TX 77227

RUN SHEET:

Competitive lease NM 40655 issued 7/1/80 to Moran Exploration Inc. for 5 yrs. with schedule "B" (sliding scale) royalty to the USA:

Moran Exploration Inc. changed its name to Kaneb Production Co.

Assign. of record title dated 11/30/84 from Kaneb Production Co. to Kaneb Oil & Gas Co. 100% as to sec. 24: W2.

Kaneb Production Co., Federal 24 No. 1 was completed 7/30/85 on sec. 24; SWNW.

Decision of 9/12/86 extended the lease for two yrs. ending 6/30/87 and so long thereafter as oil or gas is produced in paying quantities.

Assign. of record title dated 6/28/85 from Kaneb Oil & Gas Co. to Kaneb Production Co. 100% as to all lands.

Assign. of record title dated 6/28/85 from Kaneb Production Co. to Pogo Producing Co. 50% as to all lands.

Kaneb Production Co. changed its name to Kaneb Energy Co.

Assign. of record title dated 2/7/86 from Kaneb Energy Co. to Kaneb Operating Co. Ltd. 50% as to all lands.

Assign. of record title dated 8/31/88 from Kaneb Operating Co. Ltd. to Amax Oil & Gas Inc. 50% as to all lands.

Amax Oil & Gas Inc. changed its name to Union Pacific Oil & Gas Co.

Assign. of record title dated 2/3/95 from Union Pacific Oil & Gas Co. to EnerVest Acquisition II Ltd. Partnership 50% as to all lands.

Assign. of record title dated 7/10/96 from EnerVest Acquisition II, Limited Partnership to Harken Exploration Co. 50% as to all lands.

Letter of 2/16/00 stated that the royalty rate was reduced to 10.1% effective 5/1/99, due to the stripper royalty rate reduction program.

Assign. of record title dated 5/7/01 from Harken Exploration Co. to Pogo Producing Co. 50% as to all lands.

Assign. of record title dated 2/29/08 from Pogo Producing Co. LLC to OXY USA Inc. 50% as to all lands.

Assign. of record title dated 11/21/08 from Pogo Producing Co. LLC to OXY USA Inc. 50% as to all lands.

OPERATING RIGHTS:

Lessee

100%

OVERRIDING ROYALTY:

None filed of record.

Sliding Scale ROYALTY TO THE USA

Notes:

JUN 29 2015

NM 0533177-A
out of NM 0533177

T.23 South - R.31 East
Section 24:E2

L-H.B.P.
04/01/64

Lessee :

Mobil Producing Texas & New Mexico Inc.
12450 Greenspoint Dr.
Houston, TX 77060

RUN SHEET:

Noncompetitive lease NM 0533177 issued 4/1/64 to Frances L. Solsbery for 10 years with 12.5% royalty to the USA.

Partial assign. dated 3/10/64 from Frances L. Solsbery and A.D. Solsbery, her husband to Socony Mobil Oil Co., Inc., sec. 14: N2, sec. 13: SE, sec. 24: E2 100%, reserving 5% overriding royalty. New serial # NM 0533177-A is given to this land.

Royalty assignment dated 8/11/65 from A.D. Solsbery, a married man dealing in his sole and separate property joined pro forma by his wife, Frances Solsbery to Lorraine Todd, as her sole & separate property 1.875% as to all lands. It is recognized that the royalty interest owned by Frances Solsbery is not conveyed hereby.

Royalty assignment dated 8/16/65 from Lorraine Todd, dealing in her sole and separate property to R.E. Boyle .4375% as to all lands.

Royalty assignment dated 8/16/65 from Lorraine Todd, dealing in her sole and separate property to Harry W. Denton 1% as to all lands.

Royalty assignment dated 11/15/65 from Frances Solsbery, dealing in her sole & separate property, joined pro forma by her husband, A.D. Solsbery to Lorraine L. Todd, as her sole and separate property 1.875% as to all lands.

Royalty assign. dated 11/17/65 from Lorraine Todd, dealing in her sole & separate property to R.E. Boyle 1/4 of 1.875% as to all lands.

Assign. of oper. rights dated 1/14/70 from Mobil Oil Corp. to Texas American Oil Corp. as to sec. 24: E2 from the surface to the base of the Siluro-Devonian formation 50% interest.

Assign. of overriding royalty and operating rights dated 4/1/70 from Texas American Oil Corp. to R.J. Zonne as to sec. 24: E2 from the surface to the base of the Siluro-Devonian formation 1.25% ORRI, reduced proportionately, and 5% of assignor's working interest.

Assign. of oper. rights dated 4/15/71 from R.J. Zonne & Louisa Zonne to Coyn Mateer all of assignor's interest as to sec. 24: E2.

Agreement dated 9/7/77 among the creditors of the Dowdle Oil Corp.

Assign. dated 12/10/79 from Mobil Oil Corp. to Mobil Producing TX & NM Inc. all of assignor's rights as to all lands.

Assign. of record title dated 12/27/79 from Mobil Oil Corp. to Mobil Producing TX & NM Inc. 100% as to all lands.

Partition agreement dated 5/13/81 between Alice Hanley Giles and Alfred Giles, III wherein it is agreed that each party shall own 1/2 of their

joint property.

Unapproved assign. of oper. rights dated 3/23/83 from John Calder to CPC Exploration Inc. 1.06% as to sec. 24: E2 was rejected by BLM because the assignor held no interest.

Letter of 3/20/85 recognized Western Natural Gas Co. as the successor to the interest formerly held by Dowdle Oil Corp. as decreed by the U.S. Court for the Central District of California.

Corrected assign. of overriding royalty dated 11/4/83 from CPC Exploration, Inc. to George Karabatsos .04493%, Figure 4 Investment Trust .03744%, June Carey .00748%, Georgia Bass .04493% as to sec. 24: E2 from the surface to the base of the Siluro-Devonian. This is to replace assign. executed 12/31/81, to delete paragraph 3.

Assign. of oper. rights dated 5/9/84 from Texas American Oil Corp. to Joe N. Gifford .1953125%, Bascom L. Mitchell .1953125%, L. Edward Innerarity Jr. .5%, CPC Exploration, Inc. 12.500016%, Texas American Oil Mgmt. Co. 5.013672%, Miranda Energy 1.648625%, Mabey Flynt Lease Trust .211749% and Dimar Energy Corp. .468875% as to sec. 24; E2 surface to the base of the Siluro-Devonian formation, retaining 26.766438% interest.

Assign. of oper. rights dated 10/15/84 from CPC Explor., Inc. to C&G Explor., Inc. .16667%, J. Russell Denson, Trustee .33333%, HNG Fossil Fuels Co. 3.33334%, John Calder .94%, J.G. Rule, Trustee .33333%, Obie & Co. 1%, John A. Rathmell .16667%, JSC Properties, Inc. .1%, R.L. Guillet, Sr. .1%, A.J. Goodman, Jr. .05%, Thomas F. Hastings, Sr. .05% as to all lands from the surface to the base of the Siluro-Devonian form.

Assign. of oper. rights dated 10/31/84 from A.J. Goodman, Jr. to CPC Exploration, Inc. .05% as to all lands from the surface to the base of the Siluro-Devonian.

Assign. of oper. rights dated 10/31/84 from R.L. Guillet, Sr. to CPC Explor. Inc. .1% as to all lands from the surface to the base of the Siluro-Devonian.

Assign. of oper. rights dated 5/10/88 from Texas American Oil Corp. to Devon Energy Corp. 31.7801% as to sec. 24: E2 surface to the base of the Siluro-Devonian.

Assign. of oper. rights dated 10/13/88 from Mobil Prod. TX & NM Inc. to Devon Energy Corp. sec. 24: E2 50% from the surface to the base of the Siluro-Devonian.

Comm. agreement SW-602 (W2 sec. 14) expired 6/26/90.

Assign. of oper. rights dated 5/7/92 from Dimar Energy Corp. to Devon Energy Corp. (NV) .468875% as to sec. 24: E2 limited from the surface to the base of the Siluro-Devonian formation.

Committed to com. agreement NMNM 87879 as to nat. gas & assoc. liquid hydrocarbons producible from the Sand Dunes-Lower Penn Gas Pool as to sec. 14: W2.

Assign. of oper. rights dated 9/23/92 from Thomas F. Hastings, Sr. to Devon Energy Corp. (NV) all rights as to sec. 24: E2 from the surface to the base of the Siluro Devonian form.

Assign. of oper. rights dated 9/24/92 from JSC Properties, Inc. to Devon Energy Corp. (Nev.) all rights as to sec. 24: E2 from the surface to the base of the Siluro Devonian form.

Assign. of oper. rights dated 9/25/92 from Ameritrust TX N.A., Trustee of the Genevieve Tarlton Dougherty, Melissa Kathleen Dougherty Trust to Devon Energy Corp. (NEV) all rights as to sec. 24: E2 from the surface to the base of the Siluro Devonian form. The assignor doesn't appear to own an interest.

Assign. of oper. rights dated 9/24/92 from Victoria Bank & Trust Co., Trustee of the Stephen Tarlton Dougherty Trust to Devon Energy Corp. (Nev.) sec. 24: E2 all interest from the surface to the base of the Siluro Devonian form. The assignor doesn't appear to own an interest.

Assign. of oper. rights dated 9/25/92 from Cox & Perkins Explor. Inc. to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian formation. Assignor appears to own no interest.

Assign. of oper. rights dated 9/25/92 from Ameritrust TX N.A., Trustee of the Genevieve Tarlton Dougherty-Kevin Francis Dougherty Trust to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian. The assignor appears to own no interest.

Assign. of oper. rights dated 9/27/92 from Bill Hightower to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian form. The assignor appears to own no interest.

Assign. of oper. rights dated 9/28/92 from C&G Explor. Inc. to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian formation.

Assign. of oper. rights dated 9/28/92 from Rathco, Ltd. to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian form. Assignor appears to own no interest.

Assign. of oper. rights dated 9/28/92 from J.G. Rule, Trustee to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian form.

Assign. of oper. rights dated 10/7/92 from John Calder to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian formation.

Assign. of oper. rights dated 10/7/92 from Southmark Energy, Inc. to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian form. Assignor appears to own no interest.

Assign. of oper. rights dated 10/10/92 from J. Russell Denson, Trustee, to Devon Energy Corp. (Nev.) all interest as to sec. 24: E2 from the surface to the base of the Siluro Devonian form.

Devon Energy Corp. (NV) was recompleted 12/1/91 on sec. 14; NESW.

Assign. of oper. rights dated 9/30/93 from Enron Oil & Gas Co. (formerly HNG Fossil Fuels Co.) to Devon Energy Corp. (NV) 3.33334% as to sec. 24: E2 from the surface to the base of the Delaware formation.

Com. agreement MNM 87879 terminated 11/1/93. The lease was automatically extended 2 years through 10/31/95, and for as long thereafter as oil or gas is produced in paying quantities.

Assign. of oper. rights dated 6/20/94 from Frank A. Liddell Jr. to Devon Energy Corp. (Nev.) all interest as to all lands from the surface to the base of the Siluro Devonian form. The assignor appears to own no interest.

Assign. of oper. rights dated 6/22/94 from Southwest Guaranty Trust Co. as Trustee of The Lise Liddell Revocable Mgmt. Trust all interest to Devon Energy Corp. (Nev.) as to all lands from the surface to the base of the Siluro Devonian form. The assignor appears to own no interest.

Devon Energy Corp. (NV) merged into Devon Energy Prod. Co. LP.

Assign. of overriding royalty dated 10/6/04 from Carolyn Shogrin to Cargoil and Gas Co., LLC .25% as to all lands.

Assign. of overriding royalty dated 10/25/04 from Frank Shogrin Estate to Shogoil and Gas Co., LLC .125% and Shogoil and Gas Co., II, LLC .125% as to all lands. This is to correct assignment originally recorded 12/13/2002 in Eddy County, NM, book 0484, page 0732 and filed with the Bureau of Land Management 1/15/03. (This wasn't filed at BLM on 1/15/03.)

Assign. of overriding royalty dated 8/15/08 from Jo Denton Tuck to JADT Minerals Ltd. 1/4 of 2.875% as to sec. 24: E2 was filed in the base lease file only.

Assign. of oper. rights dated 10/27/10 from EOG Resources Inc. to Devon Energy Prod. Co. LP 3.33334% as to sec. 24: E2 limited to below the base of the Delaware formation. The assignor doesn't appear to own this interest.

OPERATING RIGHTS:

Surface to the base of the Siluro-Devonian formation:

There are too many gaps in the title to determine ownership. See the run sheet.

Below the base of the Siluro-Devonian formation:

Lessee	100%
--------	------

(

OVERRIDING ROYALTY:

Frances L. Solsbery 1804 S. Missouri Roswell, NM	.625%
--	-------

A.D. Solsbery 1804 S. Missouri Roswell, NM	.625%
--	-------

Lorraine L. Todd 507 W. Storey St. Midland, TX 79704	1.84375%
--	----------

R.E. Boyle 1202 W. Cuthbert Ave. Midland, TX 79704	.90625%
--	---------

Harry W. Denton 1501 Princeton Midland, TX	1%
--	----

Sec. 24; E2 surface to the base of the Siluro-Devonian formation:
R.J. Zonne 1.25% of 50%

Corrected assign. of overriding royalty dated 11/4/83 from CPC Exploration, Inc. to George Karabatsos .04493%, Figure 4 Investment Trust .03744%, June Carey .00748%, Georgia Bass .04493% as to sec. 24: E2 from the surface to the base of the Siluro-Devonian. This is to replace assign. executed 12/31/81, to delete paragraph 3. (original assignment not filed of record.)

The following assignments of overriding royalty are filed of record, however the assignors appear to be strangers to the title:

Assign. dated 10/6/04 from Carolyn Shogrin to Cargoil and Gas Co., LLC .25% as to all lands.

Assign. dated 10/25/04 from Frank Shogrin Estate to Shogoil and Gas Co., LLC .125% and Shogoil and Gas Co., II, LLC .125% as to all lands. This is to correct assignment originally recorded 12/13/2002 in Eddy County, NM, book 0484, page 0732 and filed with the Bureau of Land Management 1/15/03. This wasn't filed at BLM on 1/15/03.

12.5% Royalty to U.S.A

Notes:

JUN 29 2015

NM 0544986

T.23 South - R.31 East
Section 25:N2NEL-H.B.P.
05/01/64

Lessee :

Marathon Oil Co.
P.O. Box 3128
Houston, TX 77253

RUN SHEET:

Lease NM 0544986 issued 5/1/64 to Albert H. Spencer for 10 years with 12.5% royalty to the USA.

Assign. of record title dated 1/6/65 from Albert & JoAnn Spencer to Marathon Oil Co. 100% as to all lands, reserving \$500 per acre out of 5%.

Royalty assignment dated 1/25/65 from Albert & JoAnn Spencer to Hoover H. Wright \$125 per acre out of 1.25% as to all lands.

Assign. of obligation payable out of production dated 9/2/69 from Albert & JoAnn Spencer to Charles B. Read & Norman L. Stevens, Jr. in equal shares, \$187.50 per acre out of 1.875% as to all lands.

Assign. of oper. rights dated 3/13/70 from Marathon Oil Co. to Texas American Oil Corp. 1/2 interest from the surface to the base of the Siluro-Devonian formation

Assign. of overriding royalty and operating rights dated 4/1/70 from Texas American Oil Corp. to R.J. Zonne 1.25% of 8/8 from the surface to the base of the Siluro-Devonian formation as to all lands and 5% of assignor's entire working interest, proportionately reduced. BLM decision of 3/5/71 approved this as conveying 2.5% working interest.

Assign. of overriding royalty and operating rights dated 4/2/70 from Texas American Oil Corp. to Gifford & Mitchell from the surface to the base of the Siluro-Devonian formation as to all lands 2.5% ORRI before payout and 5% after payout, proportionately reduced, and .78125% of assignor's entire working interest. BLM decision of 3/5/71 approved this as conveying .390625% working interest.

Assign. of overriding royalty and oper. rights dated 4/3/70 from Texas American Oil Corp. to the following parties out of its entire working interest: Texas American Oil Explor. Program 1969, a limited partnership 40.109375%, Dowdle Oil Corp. 1% and Behr Invesco Five 12.5% as to all lands from the surface to the base of the Siluro-Devonian. BLM decision of 3/5/71 approved this as conveying 20.0546875%, .5% and 6.25%, respectively.

Assign. of oper. rights dated 4/15/71 from R.J. Zonne & Louisa Zonne to Coyn Mateer all of assignor's interest as to all lands.

Decision of 4/3/75 extended this lease for 2 years to 4/30/76 due to diligent drilling operations.

Assign. of oper. rights dated 12/17/75 from Marathon Oil Co. 22.785676%, Texas American Oil Explor. Program 1969 20.054687%, Dowdle Oil Corp. .5% and Gifford & Mitchell .390625% to Skelly Oil Co. (43.730988%) as to all lands from the surface to the base of the Morrow formation, reserving an overriding royalty of 6.25%, proportionately reduced to ownership, with the

option to convert to 33.33% working interest, proportionately reduced.

Assign. of oper. rights dated 8/7/73 from Behr Invesco Five to Texas American Oil Corp. all of assignor's right, title and interest (6.25%) as to all lands from the surface to the base of the Siluro-Devonian formation.

Skelly Oil Co. merged into Getty Oil Co.

Committed to com. agreement SRM-1296 as to dry gas & assoc. liquid hydrocarbons producible from the Morrow formation in sec. 25: W2.

Decision of 3/30/83 recognized the name change from Marathon Oil Co. to Marathon Petroleum Co.

Assign. of record title dated 10/1/82 from Marathon Petroleum Corp. to Marathon Oil Co. 100% as to all lands.

Unapproved assign. of oper. rights dated 3/23/83 from CPC Exploration Inc. to John Calder .6667% as to all lands was rejected by BLM because the assignor owns no interest.

Unapproved assign. of oper. rights dated 3/23/83 from John Calder to CPC Exploration Inc. .35335% as to all lands was rejected by BLM because the assignor owns no interest.

Western Natural Gas Co. is successor to the interest formerly held by Dowdle Oil Corp.

Assign. of oper. rights dated 7/26/83 from Texas American Oil Corp. to CPC Exploration Inc. 5.013170% as to all lands from the surface to the base of the Siluro Devonian formation, reserving .156662% overriding royalty.

Assign. of oper. rights dated 7/27/83 from CPC Exploration Inc. to Bates Trust #121 .84600% as to all lands from the surface to the base of the Siluro-Devonian formation.

Assign. of oper. rights dated 7/28/83 from Bates Trust No. 121 to Miranda Energy Corp. .548893%, Dimar Energy Corp. .156107%, Mabee-Flynt Lease Trust .0705% and Randy Prude .0705% as to all lands from the surface to the base of the Siluro-Devonian formation.

Assign. of oper. rights dated 7/29/83 from Randy & Miriam Prude to Texas American Oil Corp. .0705% as to all lands from the surface to the base of the Siluro-Devonian.

Assign. of oper. rights dated 9/8/83 from Coyn Mateer to L. Edward Innerarity Jr. 2.5% as to all lands from the surface to the base of the Siluro-Devonian.

Assign. of oper. rights dated 4/10/89 from Texas American Oil Corp. to Devon Energy Corp. (NV) 21.6120% as to sec. 25; NE from the surface to the base of the Siluro-Devonian formation.

Texaco Producing Inc. (successor to Getty Oil Co.) changed its name to Texaco Explor. & Prod. Inc.

Assign. of oper. rights dated 9/25/92 from Ameritrust TX N.A. Trustee of the Genevieve Tarlton Dougherty - Melissa Kathleen Dougherty TRust to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/24/92 from Victoria Bank & Trust Co.,

Trustee of the Stephen Tarlton Dougherty Trust to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/28/92 from C&G Exploration Inc. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/25/92 from Cox & Perkins Explor. Inc. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surfaced to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 10/7/92 from John & Evelyn Calder to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/23/92 from Thomas F. Hasting Sr. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/27/92 from Bill Hightower to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/24/92 from JSC Properties Inc. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/28/92 from Rathco Ltd. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/28/92 from J.G. Rule, Trustee to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 10/7/92 from Southmark Energy Inc. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 9/25/92 from Ameritrust Texas N.A. Trustee of the Genevieve Tarlton Dougherty-Kevin Francis Dougherty Trust to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 10/10/92 from J. Russell Denson, trustee to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign of oper. rights dated 7/27/93 from R.L. Guillet Sr. & Betty Lo Guillet to Devon Energy Corp. (NV) .022437% as to all lands from the

surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 8/6/93 from A.J. Goodman Jr. & Vivian Goodman to Devon Energy Corp. (NV) .011252% as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign of oper. rights dated 9/30/93 from Enron Oil & Gas Co. to Devon Energy Corp. (NV) 3.33334% as to all lands from the surface to the base of the Delaware formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 6/22/94 from Southwest Guaranty Trust Co. as trustee of the Lise Liddell Revoc. Management Trust to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title.

Assign. of oper. rights dated 6/20/94 from Frank A. Liddell Jr. to Devon Energy Corp. (NV) all of assignor's interest as to all lands from the surface to the base of the Siluro-Devonian formation. Assignor appears to be a stranger to the title..

Devon Energy Corp. (NV) merged into Devon Energy Prod. Co. LP.

Assign. of oper. rights dated 8/16/04 from Chevron USA Inc. to XTO Energy Inc. 29.1533% as to all lands from the surface to the base of the Morrow formation.

Assign. of oper. rights dated 10/27/10 from EOG Resources Inc. to Devon Energy Prod. Co. LP 1.11111% as to sec. 25: E2NW,SWNW,SW below the base of the Morrow formation, 1.11111% as to sec. 25: N2NE below the base of the Delaware formation.

OPERATING RIGHTS:

There are too many gaps in the title to determine ownership from the instruments filed of record. See the run sheet.

OVERRIDING ROYALTY:

Production payment in the sum of \$500 per acre out of 5%, now held as follows:

Albert & Jo Ann Spencer Box 2345 Santa Fe, NM	\$187.50 per acre out of 1.875%
---	---------------------------------

Hoover Wright Box 2312 Santa Fe, NM	\$125.00 per acre out of 1.25%
---	--------------------------------

Norman L. Stevens Jr. Box 2126 Roswell, NM	\$93.75% per acre out of .9375%
--	---------------------------------

Charles B. Read
Box 2126
Roswell, NM

\$93.75% per acre out of .9375%

Surface to the base of the Siluro-Devonian formation:

R.J. Zonne 1.25%
Box 964
Midland, TX 79701

Gifford & Mitchell .02355469% BPO .0471092% APO

Texas American Oil Corp. .15666%

Surface to the base of the Morrow;

6.25% of 43.730988% with the option to
convert to 33.33% working interest:

Lessee

22.785676%

Texas American Oil Explor. Program 1969

20.054687%

Western Nat. Gas Co.

.5%

Gifford & Mitchell

.390625%

12.5% Royalty to U.S.A

Notes:

ATTACHMENT VI

**No Wells Penetrate the Injection Zone within the AOR of the Proposed SWD
Well**

ATTACHMENT VII

Operation Summary

Well: Uber East SWD #1

Location: 2345' FSL and 660' FEL

Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East,
Eddy County, New Mexico

Injection Zone: Devonian

Well TD: 17,000'

Summary:

1. Proposed average daily injection rate is 16,000 bbl/day with maximum daily injection rate of 20,000 bbl/day
2. This will be a closed system
3. Proposed average injection pressure is 2,800 psi with maximum pressure of 2,800 psi
4. Source of injection fluid will be exempt liquid E & P waste
5. There are ten wells that exist within the ½-mile AOR of the proposed SWD well but they do not penetrate the injection zone. Two wells penetrating the injection interval (Todd 14 K Federal #1 [30-015-20298] and Todd 26 G Federal #1 [30-015-20242]) were reviewed to evaluate the reservoir quality for the proposed injection interval. The Todd 14 K Federal #1 well, drilled by Devon Energy Production Company, L.P., is located about 2.2 miles northwest of the proposed Uber East SWD #1 well, in Unit K (NE/4, SE/4), Section 14, Township 23 South, Range 31 East, in Eddy County, New Mexico. The Todd 26 G Federal #1 well, drilled by the Devon Energy Production Company, L.P., is located approximately 1.7 miles southwest of the proposed Uber East SWD #1 well, in Unit G (SE/4, NW/4), Section 26, Township 23 South, Range 31 East, in Eddy County, New Mexico. The Todd 26 G Federal #1 well was drilled to 16,400 feet (TD). The Devonian section was found not to be productive of oil and gas.

ATTACHMENT VIII

Geologic Summary

Information on geological strata for this section was derived in part from a well (Todd 26 G Federal #1) that was drilled about 1.7 mile southwest of the proposed Uber East SWD #1 in Unit G (SE/4, NW/4), Section 26, Township 23 South and Range 31 East (Nicholson and Clebsch, 1961). The well was drilled a total depth (TD) of 16,400. Figure 1 presents a type log based on rock descriptions from the Todd 26 G Federal #1 well.

The proposed SWD well is located in the Delaware Basin south of the Capitan Reef Complex. The area is underlain by a thin layer of Quaternary-age alluvium consisting of sand, silty sand, and clay that rests unconformably on Triassic-age red bed (clay, mudstone, etc.) of the Dewey Lake formation.

Permian-age rocks have a collective thickness of about 11,600 feet and underlie the Triassic-age rocks. The Permian formations include, in descending order, the Rustler, Salado, Castile, Delaware Mountain Group (Bell Canyon, Cherry Canyon and Brushy Canyon formations), Bone Springs Limestone and Wolfcamp Shale.

The Rustler formation occurs between about 500 and 1000 feet and is composed chiefly of anhydrite, dolomite, gypsum, and mudstone. The Salado and Castile formations are principally anhydrite, shale and limestone. The Salado formation contains economic deposits of potash and anhydrite and varies in thickness from about 1,500 to 2,000 feet. The Permian-age Capitan formation, also known as the Capitan aquifer, is not present at this location.

The Delaware Mountain Group includes the Bell Canyon, Cherry Canyon and Brushy Canyon formations. The Delaware Mountain Group occurs between approximately 4,000 to 7,500 feet and consists of a thick sequence of largely of deep marine sandstone interbedded with shale and limestone. Some oil and gas is produced from the Bell Canyon and Brushy Canyon formations.

The Bone Springs Limestone is comprised of thin beds of cherty black limestone and sandstone between approximately 2,000 to 3,000 feet thick. The Bone Springs occurs between approximately 7,500 and 11,000 feet near the Gnome East SWD. Oil and gas is produced from several distinct intervals in the Bone Springs Limestone. The Wolfcamp Shale is the lowermost Permian-age formation and is composed of non-organic shale between approximately 11,000 and 12,500 feet. The Wolfcamp Shale marks the boundary between rocks of Permian and Pennsylvanian-age.

Rocks of Pennsylvanian age comprise a sequence of marine carbonates, shale and clastics with a combined thickness of about 1,500 feet between about 12,500 and 14,000 feet. The Strawn formation (Upper Pennsylvanian) occurs beneath the Wolfcamp Shale and is composed of about 300 feet of shale and sandstone, mudstone and conglomerate. The Atoka and Morrow formations, in descending order, occur beneath the Strawn formation and are about 475 and 1,000 feet thick, respectively. The Atoka formation is composed of interbedded sandstone whereas the Morrow formation is composed of limestone in the upper part and clastics in the lower part.

Rocks of Mississippian age underlie the Morrow formation and are represented by the Barnett Shale and Mississippian Lime, in descending order, with a collective thickness of about 1,000 feet. The Mississippian-age rocks are underlain by the Upper Devonian-age Woodford Shale, which is approximately 200 feet thick and is composed predominately of black organic-rich marine shale, siltstone and sandstone. The Woodford Shale occurs above the Devonian section at about 15,500 feet. Rocks of Siluro-Devonian age underlie the Woodford Shale and are composed mainly of chert and cherty carbonate rocks. The Siluro-Devonian rocks occur between about 15,550 and 16,500 feet. The proposed depth of the proposed injection well is 16,000 feet with injection interval to be determined from field observations.

Figure 1: presents a type log based on a test well (Todd 26 G Federal #1) that was drilled to 16,400 feet (TD). The well was drilled about one mile southwest of the proposed Uber East SWD #1 in Unit G (SE/4, NW/4), Section 26, Township 23 South and Range 31 East.

Figure 2: presents a detailed geological cross section of the injection zone. The geological cross section (A to A') was prepared based on rock descriptions from the Todd 14 K Federal #1 located , in Unit K (NE/4, SE/4), Section 14, Township 23 South, Range 31 East, and Todd 26 G Federal #1 located in Unit G (SE/4, NW/4), Section 26, Township 23 South, Range 31 East, a distance of about 2.1 miles. The cross section does not show any offsets that would suggest faulting is present. The cross section shows good correlation of the Siluro – Devonian contact and the potential injection zone.

Groundwater Summary

The Uber East SWD #1 is located about 16 miles east of the Pecos River in the north central part of the Delaware Basin. Groundwater occurs in the Permian-age Rustler Formation. Groundwater in the Rustler formation occurs in the Culebra Member dolomite beds in the upper part and gypsum beds near the base of the formation. The Culebra member dolomite acts as the principal aquifer in the area and it is considered a brine aquifer. Groundwater from the lower part of the Rustler formation is generally very saline to saturated brine due to the lower confining salt bed of the Salado Formation. Near the Uber East SWD water quality is generally poor due to elevated levels of sodium, chloride and sulfate.

According to records from the New Mexico Office of the State Engineer, there are no freshwater wells present in the area. Records obtained from the New Mexico Office of the State Engineer and U.S. Geological Survey show no freshwater wells within a one-mile radius of the proposed Uber East SWD Well #1

References:

- Nicholson, Alexander, Jr., and Clebsch, Alfred, Jr., Geology and Ground-Water Conditions in Southern Lea County, New Mexico. In: Ground-Water Report 6, 1961. U.S. Geological Survey State Bureau of Mines and Mineral Resources, New Mexico Institute of Mining & Technology, Campus Station, Socorro, New Mexico p. 123
- Hendrickson, G.E., and Jones, R.S., Geology and Groundwater Resources of Eddy County, New Mexico. In: Ground-Water Report 3, 1952. U.S. Geological Survey, State Bureau of Mines and Mineral Resources, New Mexico Institute of Mining and Technology, Campus Station, Socorro, New Mexico.
- Cooper, J.B., and Glanzman, V.M., 1971. Geohydrology of Project Gnome Site, Eddy County, New Mexico, Geological Survey Paper 712-A, Washington, D.C.

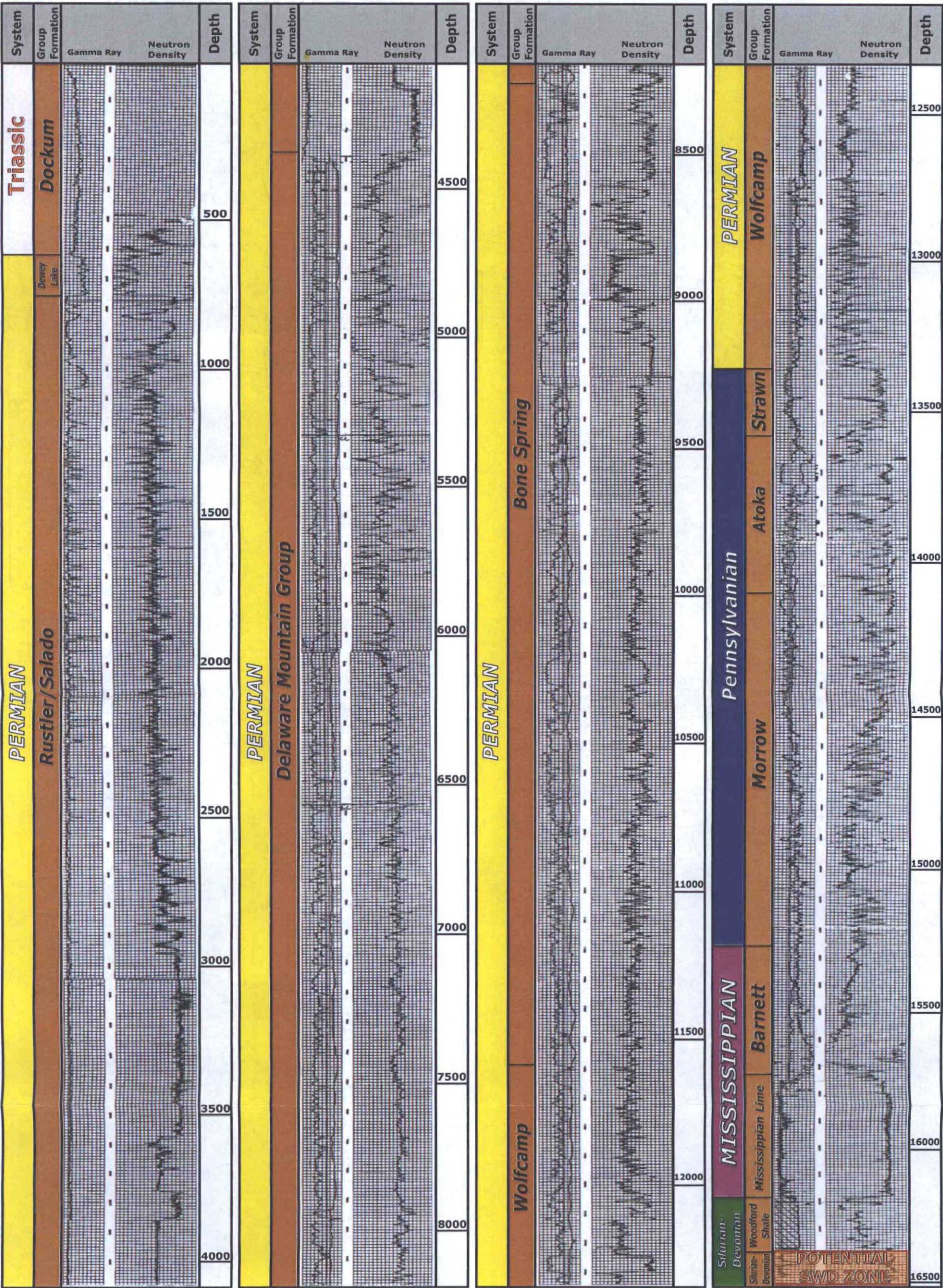
***Refer to attached figures and copy of Office of the State Engineer Well Inventory
and Geosearch Water Well Report***

Devon Energy Production Company, LP

Todd 26 G Federal #1

Sec. 26, T-23-S, R-31-E

Eddy County, New Mexico



Uber East SWD Well # 1

Eddy County, New Mexico

Type Log

FIGURE 1: TYPICAL SECTION OF ROCKS PENETRATED

FIGURE 2:GEOLOGICAL CROSS SECTION



On-time. On-target. In touch.™

Water Well Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000114585>

Click on link above to access the map and satellite view of current property

Target Property:

Uber East SWD

Jal, Eddy County, New Mexico 88256

Prepared For:

Larson & Associates

Order #: 52473

Job #: 114585

Project #: 15-0126-00

PO #: 1703

Date: 07/22/2015

phone: 888-396-0042 • fax: 512-472-9967 • www.geo-search.com

TARGET PROPERTY SUMMARY

Uber East SWD

Jal, Eddy County, New Mexico 88256

USGS Quadrangle: Bootleg Ridge, NM

Target Property Geometry: Point

Target Property Longitude(s)/Latitude(s):

(-103.725100, 32.289131)

County/Parish Covered:

Eddy (NM), Lea (NM)

Zipcode(s) Covered:

Jal NM: 88252

Loving NM: 88256

State(s) Covered:

NM

*Target property is located in Radon Zone 2:

Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L (picocuries per liter).

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GeoSearch

www.geo-search.com phone: 888-396-0042 fax: 512-472-9967

DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	1,0000
SUB-TOTAL		0	0	
STATE (NM)				
WATER ADMINISTRATION TECHNICAL ENGINEERING RESOURCE WATERS SYSTEM		0	0	1,0000
SUB-TOTAL		0	0	

TOTAL

0 0

GeoSearch

www.geo-search.com phone: 888-396-0042 fax: 512-472-9967

LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	-Total
FEDERAL								
NWIS	1.000	0.	0	0	0.	0	NS	0.
SUB-TOTAL		0	0	0	0	0	0	0.
STATE (NM)								
WATERS	1.000	0	0	0	0	0	NS	0.
SUB-TOTAL		0.	0	0	0	0.	0	0.

TOTAL	0.	0	0	0	0.	0.	0.	0.
-------	----	---	---	---	----	----	----	----

NOTES:

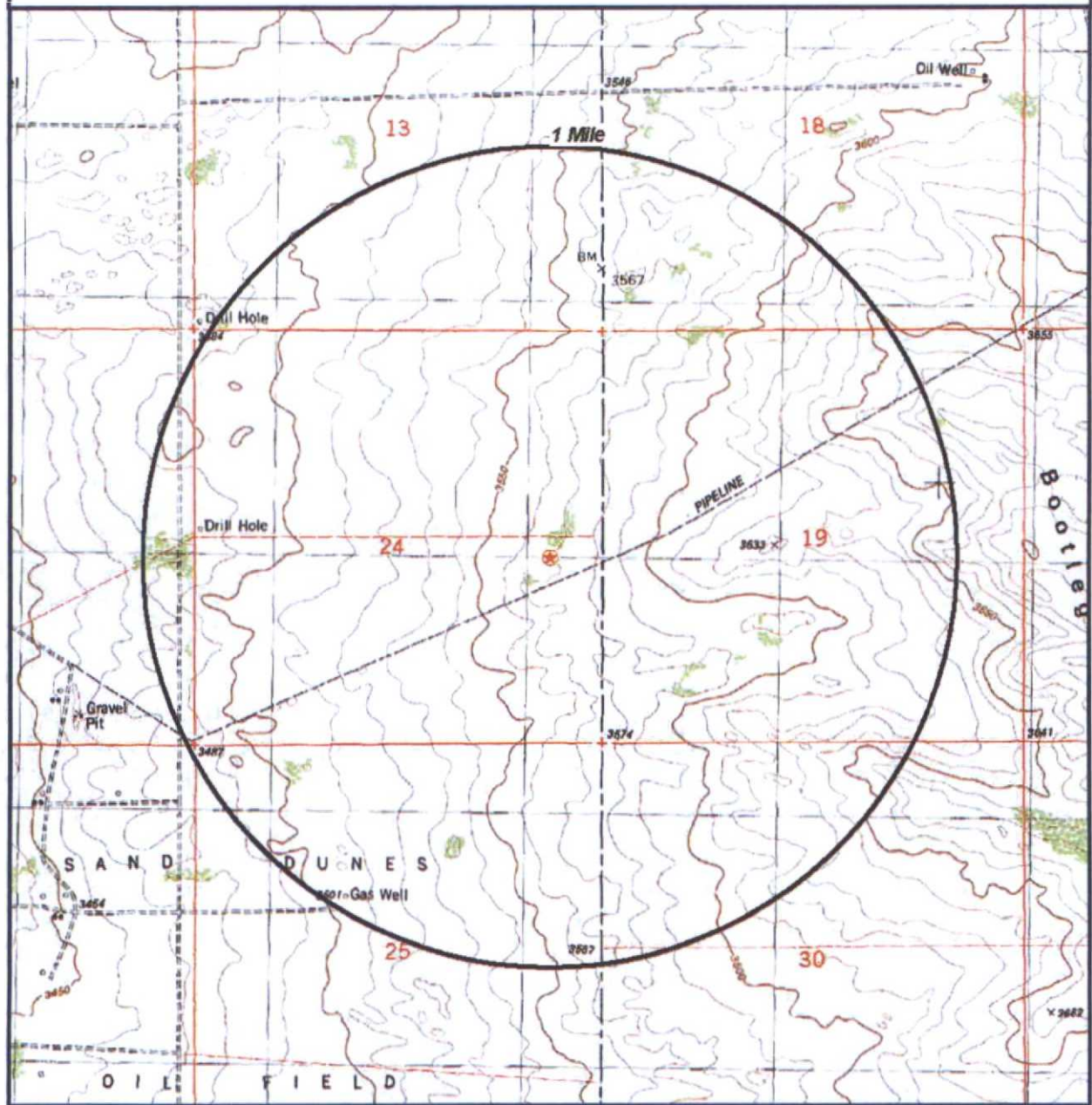
NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

GeoSearch

www.geo-search.com phone: 888-396-0042 fax: 612-472-8967

WATER WELL MAP



Target Property (TP)

Uber East SWD
Jal, New Mexico
88256

CONTOUR LINES REPRESENTED IN FEET



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

GeoSearch

www.geo-search.com - phone: 888-396-0042 - fax: 512-472-9967

ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NWIS:

United States Geological Survey National Water Information System

VERSION DATE: 7/2014

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types, or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

GeoSearch

www.geo-search.com : phone: 888-396-0042 : fax: 612-472-9967

ENVIRONMENTAL RECORDS/DEFINITIONS - STATE (NM)

WATERS Water Administration Technical Engineering Resource System

VERSION DATE: 4/2014

This water well location data was extracted from the NM Office of the State Engineer's Water Administration Technical Engineering Resource System database. Changes are periodically added to the information and may be made at any time. The database may contain information for areas not complete, including in-progress areas, this information should not be relied on as accurate or complete.

GeoSearch

www.geo-search.com phone: 888-396-0042 fax: 612-472-9967

ATTACHMENT IX

Proposed Stimulation Program

The well will be perforated in intervals based on porosity and acidized. Coiled tubing will be used to place the acid across the porous zones accurately.

ATTACHMENT X

Logging and Test Data

A type log (Figure 1) was prepared from a test well (Todd 26 G Federal #1) that was drilled 16,400 feet (TD. The well was drilled about 1.7 miles southwest of the proposed SWD in Unit G (SE/4, NW/4), Section 26, Township 23 South and Range 31 East. The well was logged with conventional logging tools available at the time.

ATTACHMENT XI

Chemical Analysis from Fresh Water Well

According to records from the New Mexico Office of the State Engineer, no fresh water wells are located within 1-mile of the Uber East SWD well therefore no chemical analysis for fresh water is available.

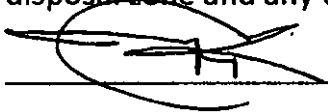
***Refer to attached Office of the State Engineer Well Inventory and Geosearch
Water Well Report
(Attachment VIII)***

ATTACHMENT XII

Faults and Hydrologic Connections

Statement

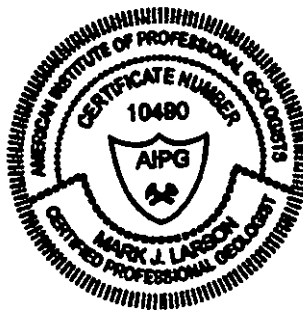
I, Mark J. Larson, have reviewed available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.



Mark J. Larson

November 3, 2015

Date



ATTACHMENT XIII

Proof of Notice

The following parties were identified as having surface/mineral/lease ownership within one-half mile of the proposed SWD well and were notified on November 4, 2015:

U.S. Bureau of Land Management

Carlsbad Field Office

620 East Greene Street

Carlsbad, NM 88220

Mobil Producing Texas & New Mexico, Inc.

12549 Greenspoint Drive

Houston, TX 77060

OXY USA, Inc.

Devon Energy Production Company, L.P.

333 West Sheridan Avenue

Oklahoma City, OK 73102

P.O. Box 27570

Houston, TX 77227

XTO Energy, Inc.

Marathon Oil Company

5555 San Felipe Street

Houston, TX 77506

810 Houston Street

Fort Worth, TX 76102

Refer to attached Letters of Notification



WASTE CONNECTIONS, INC.
Connect with the Future

November 3, 2015

Marathon Oil Company
5555 San Felipe Street
Houston, TX 77506

Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC, Unit 1 (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New Mexico

Dear Lessee:

You are receiving a copy of the enclosed application because you have been identified as having an oil and gas lease within one-half mile of a proposed commercial salt water disposal well (Uber East SWD #1). R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., located at 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Oil Conservation Division (OCD) in Santa Fe, New Mexico. You have 15 days to submit comments to the OCD at the District 2 office located at 811 South First St. Artesia, New Mexico 88210 or 1220 South St. Francis Drive in Santa Fe, New Mexico 87505. Please forward a copy of your correspondence to Gary Wallace. You may contact Mr. Wallace by phone (281.873.3204 or 432.638.4076) or email gwallace@r360es.com; if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Encl.





WASTE CONNECTIONS, INC.
Connect with the Future

November 3, 2015

Devon Energy Production Company, LP
333 W. Sheridan Ave.
Oklahoma City, OK 73102

**Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC,
Unit 1 (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New
Mexico**

Dear Lessee:

You are receiving a copy of the enclosed application because you have been identified as having an oil and gas lease within one-half mile of a proposed commercial salt water disposal well (Uber East SWD #1). R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., located at 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Oil Conservation Division (OCD) in Santa Fe, New Mexico. You have 15 days to submit comments to the OCD at the District 2 office located at 811 South First St. Artesia, New Mexico 88210 or 1220 South St. Francis Drive in Santa Fe, New Mexico 87505. Please forward a copy of your correspondence to Gary Wallace. You may contact Mr. Wallace by phone (281.873.3204 or 432.638.4076) or email gwallace@r360es.com; if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Encl.





WASTE CONNECTIONS, INC.
Connect with the Future

November 3, 2015

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, NM 88220

**Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC,
Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New
Mexico**

Dear BLM:

The enclosed application has been submitted to the New Mexico Oil Conservation Division (OCD) for permitting a commercial salt water disposal (SWD) well Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New Mexico. You are receiving this letter and application as Administrator of U.S. Government Lands. Please contact me at (281) 873-3202, if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Encl.





WASTE CONNECTIONS, INC.
Connect with the Future[®]

November 3, 2015

Mobil Producing Texas & New Mexico, Inc.
12549 Greenspoint Drive
Houston, TX 77060

**Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC,
Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New
Mexico**

Dear Lessee:

You are receiving a copy of the enclosed application because you have been identified as having an oil and gas lease within one-half mile of a proposed commercial salt water disposal well (Uber East SWD #1). R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., located at 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Oil Conservation Division (OCD) in Santa Fe, New Mexico. You have 15 days to submit comments to the OCD at the District 2 office located at 811 South First St. Artesia, New Mexico 88210 or 1220 South St. Francis Drive in Santa Fe, New Mexico 87505. Please forward a copy of your correspondence to Gary Wallace. You may contact Mr. Wallace by phone (281.873.3204 or 432.638.4076) or email gwallace@r360es.com, if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Enc/





WASTE CONNECTIONS, INC.
Connect with the Future®

November 3, 2015

OXY USA, Inc.
P.O. Box 27570
Houston, TX 77227

**Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC,
Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New
Mexico**

Dear Lessee:

You are receiving a copy of the enclosed application because you have been identified as having an oil and gas lease within one-half mile of a proposed commercial salt water disposal well (Uber East SWD #1). R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., located at 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Oil Conservation Division (OCD) in Santa Fe, New Mexico. You have 15 days to submit comments to the OCD at the District 2 office located at 811 South First St. Artesia, New Mexico 88210 or 1220 South St. Francis Drive in Santa Fe, New Mexico 87505. Please forward a copy of your correspondence to Gary Wallace. You may contact Mr. Wallace by phone (281.873.3204 or 432.638.4076) or email gwallace@r360es.com, if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Enc/





WASTE CONNECTIONS, INC.
Connect with the Future

November 3, 2015

XTO Energy, Inc.
810 Houston Street
Fort Worth, TX 76102

**Re: Application for Salt Water Disposal (Uber East SWD #1) Well, R360 Permian Basin, LLC,
Unit I (NW/4, SE/4), Section 24, Township 23 South, Range 31 East, Eddy County, New
Mexico**

Dear Lessee:

You are receiving a copy of the enclosed application because you have been identified as having an oil and gas lease within one-half mile of a proposed commercial salt water disposal well (Uber East SWD #1). R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., located at 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Oil Conservation Division (OCD) in Santa Fe, New Mexico. You have 15 days to submit comments to the OCD at the District 2 office located at 811 South First St. Artesia, New Mexico 88210 or 1220 South St. Francis Drive in Santa Fe, New Mexico 87505. Please forward a copy of your correspondence to Gary Wallace. You may contact Mr. Wallace by phone (281.873.3204 or 432.638.4076) or email gwallace@r360es.com, if you have questions.

Sincerely,

Waste Connections, Inc.

Luke Bross
Legislative & Regulatory Affairs | Development

Enc/



PUBLIC NOTICE

The attached public notice was submitted to the Carlsbad Current-Argus on November 4, 2015, for one-time publication.

PUBLIC NOTICE

R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for a commercial salt water disposal well (Uber East SWD #1). The well will be located 2345' FSL and 660' FEL, in Unit I (SW/4, NE/4), Section 24, Township 23 South, Range 31 East, in Eddy County, New Mexico. The well will be located approximately 37 miles southeast of Carlsbad, New Mexico. The well is proposed to inject exempt liquid E & P waste into the Devonian between 16,000' and 17,000'. Interested parties must file objections within 15 days of the date of this publication or prior to release of this permit. Objections or concerns should be copied both to this applicant and to the Director of the New Mexico Oil Conservation Division at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, (505) 476-3448.

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3481 1916 79

FEES
Postage per piece \$0.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees \$15.19

ARTICLE ADDRESS TO:
Luke Bross
R360 Environmental Solutions
3 Waterway Square Pl Suite 110
The Woodlands TX 77380-3488

Postmark Here

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3481 1923 49

FEES
Postage per piece \$3.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees \$10.20

ARTICLE ADDRESS TO:
U.S. Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad NM 88220-8292

Postmark Here

CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3451 7023 49

RETURN RECEIPT REQUESTED

Article Addressed To:
U.S. Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad NM 88220-8292

COMPLETE THIS SECTION ON DELIVERY

A. Signature (Signature of U.S. Agent)
X *[Signature]*

B. Received By (Please Print Clearly)
[Signature]

C. Date of Delivery
10/28/15

D. Addressee's Address at Delivery (Please Print Clearly)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address
City State ZIP + 4 Code

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3481 1916 79

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees \$12.20

ARTICLE ADDRESS TO:
Randy Dade
NMOCD District 2
811 S. First Street
Artesia NM 88210-2834

Postmark Here

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3481 1783 73

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees \$13.30

ARTICLE ADDRESS TO:
Mr. Raymond Crockett Jones
Bureau Chief
Engineering and Geological Services
NMOCD
1220 South St. Francis Drive
Santa Fe NM 87505-4225

Postmark Here

CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3461 1916 79

RETURN RECEIPT REQUESTED

Article Addressed To:
Randy Dade
NMOCD District 2
811 S. First Street
Artesia NM 88210-2834

COMPLETE THIS SECTION ON DELIVERY

A. Signature (Signature of U.S. Agent)
X *[Signature]*

B. Received By (Please Print Clearly)
[Signature]

C. Date of Delivery
10-28-15

D. Addressee's Address at Delivery (Please Print Clearly)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address
City State ZIP + 4 Code

CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3481 1783 73

RETURN RECEIPT REQUESTED

Article Addressed To:
Mr. William Jones
Bureau Chief
Engineering and Geological Services
NMOCD
1220 South St. Francis Drive
Santa Fe NM 87505-4225

COMPLETE THIS SECTION ON DELIVERY

A. Signature (Signature of U.S. Agent)
X *[Signature]*

B. Received By (Please Print Clearly)
Nicola Bena

C. Date of Delivery

D. Addressee's Address at Delivery (Please Print Clearly)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address
City State ZIP + 4 Code

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1482 15

ARTICLE ADDRESS TO:
Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (☐ Addressee or ☐ Agent)
X *[Signature]*

B. Received By: (Please Print Clearly)
D. *[Signature]*

C. Date of Delivery
10/29/15

D. Addressee's Address (If Different From Address Used by Sender)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)
Delivery Address
City State ZIP + 4 Code

CERTIFIED MAIL

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RETURN RECEIPT REQUESTED

Article Addressed To:
Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1300 81

ARTICLE ADDRESS TO:
Mobil Producing Texas & New Mexico
12450 Greenspoint Drive
Houston TX 77060-1905

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (☐ Addressee or ☐ Agent)
X *[Signature]*

B. Received By: (Please Print Clearly)

C. Date of Delivery

D. Addressee's Address (If Different From Address Used by Sender)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)
Delivery Address
City State ZIP + 4 Code

CERTIFIED MAIL

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RETURN RECEIPT REQUESTED

Article Addressed To:
Mobil Producing Texas & New Mexico
12450 Greenspoint Drive
Houston TX 77060-1905

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 7888 17

ARTICLE ADDRESS TO:
Abo Petroleum Corp
105 South 4th Street
Artesia NM 88210-2177

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$12.20

Postmark
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CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3451 7888 17

RETURN RECEIPT REQUESTED

Article Addressed To:
Abo Petroleum Corp
105 South 4th Street
Artesia NM 88210-2177

COMPLETE THIS SECTION ON DELIVERY:
A. Signature: [Signature]
B. Received By: [Signature]
C. Date of Delivery: 10/28/15
D. Address of Addressee of Return Receipt (Please Print Clearly):
Delivery Address:
City: State: ZIP + 4 Code:

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 7062 48

ARTICLE ADDRESS TO:
Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City OK 73102-5010

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

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CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3451 7062 48

RETURN RECEIPT REQUESTED

Article Addressed To:
Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City OK 73102-5010

COMPLETE THIS SECTION ON DELIVERY:
A. Signature: [Signature]
B. Received By: [Signature]
C. Date of Delivery: 10/28/15
D. Address of Addressee of Return Receipt (Please Print Clearly):
Delivery Address:
City: State: ZIP + 4 Code:

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1160 78

ARTICLE ADDRESS TO:
Yates Petroleum Corp.
105 South 4th Street
Artesia NM 88210-2122

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$12.20

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CERTIFIED MAIL

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

9402 6118 9956 3451 1160 78

RETURN RECEIPT REQUESTED

Article Addressed To:
Yates Petroleum Corp.
105 South 4th Street
Artesia NM 88210-2122

COMPLETE THIS SECTION ON DELIVERY:
A. Signature: [Signature]
B. Received By: [Signature]
C. Date of Delivery: 10/28/15
D. Address of Addressee of Return Receipt (Please Print Clearly):
Delivery Address:
City: State: ZIP + 4 Code:

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1402 15

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

ARTICLE ADDRESS TO:
Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

POSTMARK
MIDLAND
TX
SEP 15 1995

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (Signature of Addressee or Agent)
X *10/29/15*

B. Received By: (Name Print Clearly)
10/29/15

C. Date of Delivery
10/29/15

D. Addressee's Address (in full) as it appears on label (Do not alter)

Secondary Address (Apt. / Suite / P.O. Box / Floor) (Phone Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3451 1402 15

RETURN RECEIPT REQUESTED

Article Addressed To:
Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1108 09

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

ARTICLE ADDRESS TO:
Mobe Producing Texas & New Mexico
12450 Greensport Drive
Houston TX 77060-1905

POSTMARK
MIDLAND
TX
SEP 15 1995

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1375 41

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$12.20

ARTICLE ADDRESS TO:
Myco Industries, Inc.
105 South 4th Street
Artesia NM 88210-2177

POSTMARK
MIDLAND
TX
SEP 15 1995

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (Signature of Addressee or Agent)
X *10/29/15*

B. Received By: (Name Print Clearly)
10/29/15

C. Date of Delivery
10/29/15

D. Addressee's Address (in full) as it appears on label (Do not alter)

Secondary Address (Apt. / Suite / P.O. Box / Floor) (Phone Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3451 1375 41

RETURN RECEIPT REQUESTED

Article Addressed To:
Myco Industries, Inc.
105 South 4th Street
Artesia NM 88210-2177

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3451 1108 09

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

ARTICLE ADDRESS TO:
OXY USA, Inc.
P.O. Box 27570
Houston TX 77227-7570

POSTMARK
MIDLAND
TX
SEP 15 1995

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (Signature of Addressee or Agent)
10/29/15

B. Received By: (Name Print Clearly)
10/29/15

C. Date of Delivery
10/29/15

D. Addressee's Address (in full) as it appears on label (Do not alter)

Secondary Address (Apt. / Suite / P.O. Box / Floor) (Phone Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3451 1108 09

RETURN RECEIPT REQUESTED

Article Addressed To:
OXY USA, Inc.
P.O. Box 27570
Houston TX 77227-7570

U.S. Postal Service
Certified Mail/Receipt

ARTICLE NUMBER
9402 6118 9956 3412 3591 62

ARTICLE ADDRESS TO:
U.S. Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad NM 88220-6292

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$12.20

Postmark Here

MIDLAND, TX VILLAGE STATION
NOV - 3 2015

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: ☒ Addressee or ☐ Agent

B. Received By: (Please Print Clearly)

C. Date of Delivery: 11/05/15

D. Addressee's Address (If Different From Address Used by Sender)

Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3412 3591 62

RETURN RECEIPT REQUESTED

Article Addressed To:

U.S. Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad NM 88220-6292

U.S. Postal Service
Certified Mail/Receipt

ARTICLE NUMBER
9402 6118 9956 3412 3626 67

ARTICLE ADDRESS TO:
Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City OK 73102-5010

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

MIDLAND, TX VILLAGE STATION
NOV - 3 2015

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

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C. Date of Delivery

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Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3412 3626 67

RETURN RECEIPT REQUESTED

Article Addressed To:

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City OK 73102-5010

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3412 3689 80

ARTICLE ADDRESS TO:
Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

NOV - 3 2015
MIDLAND TX VILLAGE STATION

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (If Addressee or Agent)
Mark Larson

B. Received By: (Please Print Clearly)
Mark Larson

C. Date of Delivery
11-9-15

D. Addressee's Address (if Different From Address Used by Sender)

Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3412 3689 80

RETURN RECEIPT REQUESTED

Article Addressed To:

Marathon Oil Corporation
5555 San Felipe Street
Houston TX 77056-2799

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3412 3892 44

ARTICLE ADDRESS TO:
OXY USA, Inc.
P.O. Box 27570
Houston TX 77227-7570

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

NOV - 3 2015
MIDLAND TX VILLAGE STATION

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (If Addressee or Agent)
Mark Larson

B. Received By: (Please Print Clearly)
Mark Larson

C. Date of Delivery
11-9-15

D. Addressee's Address (if Different From Address Used by Sender)

Secondary Address / Suite / Apt. / Floor (Please Print Clearly)

Delivery Address

City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3412 3892 44

RETURN RECEIPT REQUESTED

Article Addressed To:

OXY USA, Inc.
P.O. Box 27570
Houston TX 77227-7570

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3419 5003 69

ARTICLE ADDRESS TO:
Mobil Producing Texas & New Mexico
12450 Greenspoint Drive
Houston TX 77060-1905

FEES

Postage per piece	\$7.05
Certified Fee	3.45
Return Receipt Fee	2.80
Total Postage & Fees:	\$13.30

Postmark Here

MIDLAND TX VILLAGE STATION
NOV 05 2015

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (☐ Addressee or ☐ Agent)
X *Craig Blanton*

B. Received By: (Please Print Clearly)
CRAIG BLANTON

C. Date of Delivery: **NOV 05 2015**

D. Addressee's Address (if Different From Address Used by Sender)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)
Delivery Address
City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3419 5003 69

RETURN RECEIPT REQUESTED

Article Addressed To:
Mobil Producing Texas & New Mexico
12450 Greenspoint Drive
Houston TX 77060-1905

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3419 5039 64

ARTICLE ADDRESS TO:
XTO Energy, Inc
810 Houston Street Ste 2000
Fort Worth TX 76102-6223

FEES

Postage per piece	\$6.35
Certified Fee	3.45
Return Receipt Fee	2.80
Total Postage & Fees:	\$12.60

Postmark Here

MIDLAND TX VILLAGE STATION
NOV 05 2015

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: (☐ Addressee or ☐ Agent)
X *[Signature]*

B. Received By: (Please Print Clearly)

C. Date of Delivery: **NOV 05 2015**

D. Addressee's Address (if Different From Address Used by Sender)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)
Delivery Address
City State ZIP + 4 Code

CERTIFIED MAIL

9402 6118 9956 3419 5039 64

RETURN RECEIPT REQUESTED

Article Addressed To:
XTO Energy, Inc
810 Houston Street Ste 2000
Fort Worth TX 76102-6223

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3412 2705 73

ARTICLE ADDRESS TO:
Randy Dade
NMOCD District 2
811 S. First Street
Artesia NM 88210-2834

FEES
Postage per piece \$5.95
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$12.20

Postmark Here

MIDLAND, TX VILLAGE STATION 79704

MARK LARSON
507 N. MARIENFELD ST. SUITE 205
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature: *[Signature]*
B. Received By: *[Signature]*
C. Date of Delivery: 11/5/15
D. Addressee's Address (If Different From Address Used by Sender)
Secondary Address / Suite / Apt. / Floor (Please Print Clearly)
Delivery Address
City: State: ZIP + 4 Code:

CERTIFIED MAIL

9402 6118 9956 3412 2705 73

RETURN RECEIPT REQUESTED

Article Addressed To:
Randy Dade
NMOCD District 2
811 S. First Street
Artesia NM 88210-2834

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9956 3412 2408 11

ARTICLE ADDRESS TO:
Mr. William Jones
Bureau Chief
Engineering and Geological Services
NMOCD
1220 South St. Francis Drive
Santa Fe NM 87505-4225

FEES
Postage per piece \$7.05
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$13.30

Postmark Here

MIDLAND, TX VILLAGE STATION 79704

U.S. Postal Service
Certified Mail Receipt

ARTICLE NUMBER
9402 6118 9966 3419 6612 78

FEES
Postage per piece \$8.85
Certified Fee 3.45
Return Receipt Fee 2.80
Total Postage & Fees: \$15.10

ARTICLE ADDRESS TO:
Luke Bross
R360 Environmental Solutions
3 Waterway Square Pl Suite 110
The Woodlands TX 77380-3488



Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Rynni Henderson, being first duly
sworn, on oath says:

That she is the Publisher of the
Carlsbad Current-Argus, a
newspaper published daily at the
City of Carlsbad, in said county of
Eddy, state of New Mexico and of
general paid circulation in said
county; that the same is a duly
qualified newspaper under the laws
of the State wherein legal notices
and advertisements may be
published; that the printed notice
attached hereto was published in the
regular and entire edition of said
newspaper and not in supplement
thereof on the date as follows, to wit:

November 11 2015

That the cost of publication is \$70.07
and that payment thereof has been
made and will be assessed as court
costs.

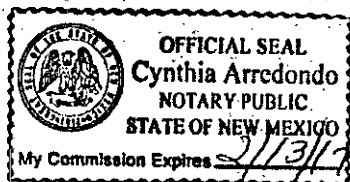
Rynni Henderson

Subscribed and sworn to before me
this 19 day of November,
2015

Cynthia Arredondo

My commission Expires
2/13/17

Notary Public



November 11, 2015

PUBLIC NOTICE

R360 Permian Basin, LLC, a wholly owned subsidiary of Waste Connections, Inc., 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380, has submitted an application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division, for a commercial salt water disposal well (Uber East SWD #1). The well will be located 2345' FSL and 660' FEL in Unit 1 (NE/4 SE/4) Section 24, Township 23, South Range 31 East, in Eddy County, New Mexico. The well will be located approximately 37 miles southeast of Carlsbad, New Mexico. The well is proposed to inject exempt liquid E & P waste into the Devonian between 16,000 and 17,000'. Interested parties must file objections within 15 days of the date of this publication or prior to release of this permit. Objections or concerns should be copied both to this applicant and to the Director of the New Mexico Oil Conservation Division at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 (505) 476-3448.

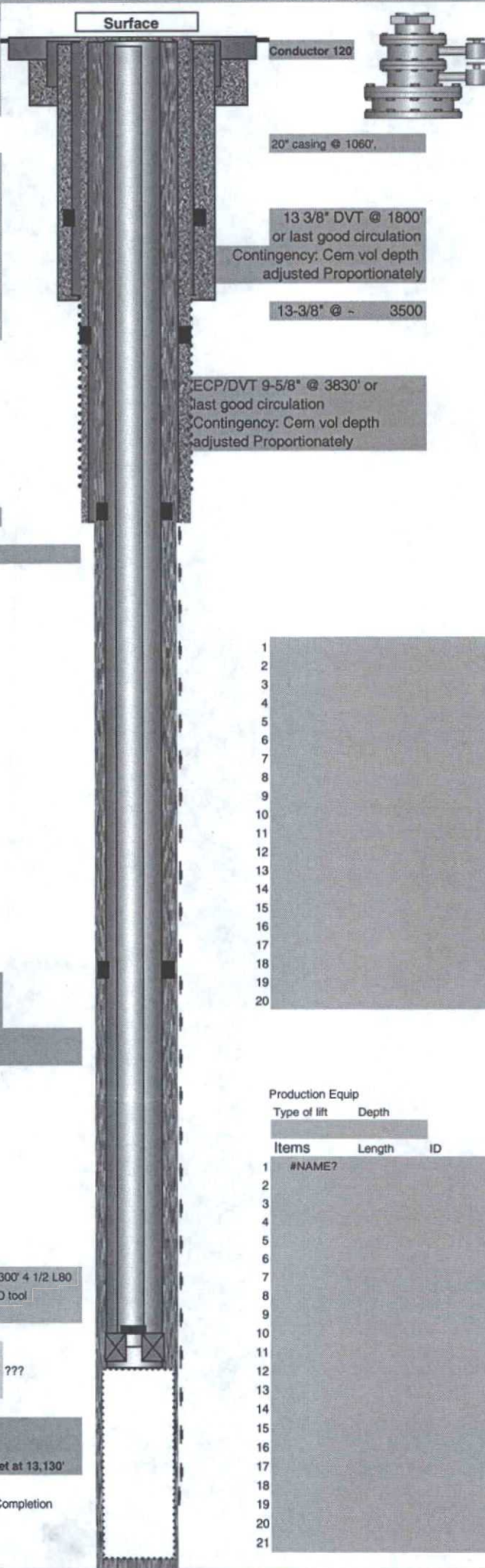
Cambrian Management
EXECUTIVE SUMMARY WELLBORE DIAGRAM

WELL NAME:	R 360 Uber East SWD 1				STATE:	New Mexico		Permit #			Job #	
LOCATION:	T 23 S, R 31 E Sec 21 NW 1/4 SW 1/4				COUNTY:	Eddy		Spud	TD		Rig Release	rig Days
LOCATION:						Drill						0
ELEVATION:					seal bore injection packer set at 13,130'	Complete						0
API#							TVD	17500	PBTD			
Drill Contractor	TBD				PREPARED BY	A Rickard		Total Depth	17,500			
	DEPTH	HOLE SIZE	CASING SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	centralizers	DV Depth	
Conductor CASING:							See cement slurries below					
Surf CASING:	1060	26"	20"	106.4 ppf	J55	LTC	See cement tab on bottom			surface	TBD	none
1st Int CASING:	3500	17 1/2"	13 3/8"	68 ppf	J-55	LTC				surface	TBD	1800
2nd Int CASING:	11500	12 1/4"	9 5/8"	53.5	L-80	LTC				surface	TBD	3830
Prod Casing	16500	8 1/2"	7"	35/29/35	CL80-P110-HCL	LTC				surface	Temp Survey	na

Water Board Depth
Last updated
Regulatory Mark Larson
Drilling Dallas
Complete Andy
Workover

Initial Potential
Oil(BOPD)
Gas (MCFD)
Water (BPD)
GOR
Flowing/Pumping
Choke
Flowing Tbg psi
Csg Pressure
Oil Gravity

Date



Vendor	Type	Rating
C		
B		
A		

Geology	Formation	Depth (top)
1	Dewey Lake	630
2	Salado	760
3	Tansil	
4	Yates	
5	Capitan	
6	Delaware Mountain	4380
7	Bone Spring	8230
8	Wolfcamp	11590
9	Strawn	13350
10	Atoka	13560
11	Morrow	14100
12	Barnett	15260
13	Mississippian Lime	15750
14	Woodford Shale	16180
15	Devonian	16390
16	Montoya	
17	Simpson	
18	Ellenberger	
19	Granite	

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Production Equip			
Type of lift	Depth		
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C-108 Review Checklist: Received 11-5-2015 Add. Request: 11-23 Reply Date: _____ Suspended: _____ [Ver 15]

ORDER TYPE: WFX / PMX (SWD) Number: _____ Order Date: _____ Legacy Permits/Orders: _____

Well No. 1 Well Name(s): 46CR EAST SWD

API: 30-0 15-Pending Spud Date: 7/3/10 New or Old: NO (UIC Class II Primacy 03/07/1982)

Footages 2345 FSL Lot _____ or Unit 1 Sec 24 Tsp 23S Rge 31E County Eddy

General Location: 23.5 miles SW of Guize Pool: SWD, DEVONIAN Pool No.: _____

BLM 100K Map: 5A1 Operator: 12360 Permian, LLC OGRID: _____ Contact: _____

COMPLIANCE RULE 5.9: Total Wells: 2 Inactive: 0 Fincl Assur: Y Compl. Order? NA IS 5.9 OK? Y Date: 10-30-2015

WELL FILE REVIEWED ☐ Current Status: Proposed

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

Planned Rehab Work to Well: IF DUT IN 7" then C-13-L SURFACE. All strings
circulated to surface

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface		<u>26" / 20"</u>	<u>1060</u>	<u>1100</u>	<u>SURFACE VISUAL</u>
Planned ___ or Existing ___ Interm/Prod		<u>17 1/2" / 13 1/4"</u>	<u>3500</u>	<u>2425</u>	<u>SURFACE VISUAL</u>
Planned ___ or Existing ___ Interm/Prod		<u>12 1/4" / 9 5/8"</u>	<u>11500</u>	<u>3830</u>	<u>SURFACE VISUAL</u>
Planned ___ or Existing ___ Prod/Liner		<u>8 1/2" / 7"</u>	<u>16500</u>	<u>1248</u>	<u>SURFACE VISUAL</u>
Planned ___ or Existing ___ Liner					
Planned ___ or Existing <u>(OH) PERF</u>		<u>16350</u>			

Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.			<u>16140</u>	<u>16350</u>	Drilled TD <u>17000</u> PBTD _____
Confining Unit: Litho. Struc. Por.			<u>16140</u>	<u>16350</u>	NEW TD _____ NEW PBTD _____
Proposed Inj Interval TOP:	<u>16350</u>				NEW Open Hole <input checked="" type="radio"/> or NEW Perfs <input type="radio"/>
Proposed Inj Interval BOTTOM:	<u>167500</u>				Tubing Size <u>4 1/2</u> in. Inter Coated? _____
Confining Unit: Litho. Struc. Por.					Proposed Packer Depth <u>16350</u> ft
Adjacent Unit: Litho. Struc. Por.					Min. Packer Depth <u>16250</u> (100-ft limit)
					Proposed Max. Surface Press <u>3278</u> psi
					Admin. Inj. Press. <u>3278</u> (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

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

FRESH WATER: Aquifer _____ Max Depth _____ HYDRO AFFIRM STATEMENT By Qualified Person MA

NMOSE Basin: Carlsbad CAPITAN REEF: thru adj NA No. Wells within 1-Mile Radius? 1 FW Analysis MA

Disposal Fluid: Formation Source(s) Bore Springs Analysis? _____ On Lease ☐ Operator Only ☐ or Commercial ☐

Disposal Int: Inject Rate (Avg/Max BWPD): 16/2012 Protectable Waters? _____ Source: _____ System: Closed or Open

HC Potential: Producing Interval? NA Formerly Producing? _____ Method: Logs/DST/P&A/Other 9 nearby wells 2-Mile Radius Pool Map ☒

AOR Wells: 1/2-M Radius Map? Y Well List? Y Total No. Wells Penetrating Interval: _____ Horizontals? _____

Penetrating Wells: No. Active Wells 1 Num Repairs? _____ on which well(s)? _____ Diagrams? _____

Penetrating Wells: No. P&A Wells 1 Num Repairs? _____ on which well(s)? _____ Diagrams? _____

NOTICE: Newspaper Date _____ Mineral Owner BLM Surface Owner BLM N. Date 10/29

RULE 26.7(A): Identified Tracts? Y Affected Persons: mobil, marathon N. Date 10/29

Order Conditions: Issues: _____

Add Order Cond: _____