

SWD Initial Application

Received: 09/05/19

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 9/5/2019	REVIEWER:	TYPE: SWD	APP NO: pKAM1925532064
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

Applicant: Ridgeway Arizona Oil Corp **OGRID Number:** 164557
Well Name: Kizer SWD #2 **API:** TBD
Pool: SWD; Devonian-Silurian **Pool Code:** 97869

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

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

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

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☒ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☒ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☒ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

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

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

William L Boyd, Land & Regulatory Manager

Print or Type Name

Signature

8/29/2019

Date

713-496-0986

Phone Number

wboyd@pedevco.com

e-mail Address

DISTRICT I1625 N. French Dr., Hobbes, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720**DISTRICT II**811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-9720**DISTRICT III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170**DISTRICT IV**1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office**OIL CONSERVATION DIVISION**1220 South St. Francis Dr.
Santa Fe, New Mexico 87505**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name KIZER SWD	Well Number 2
OGRID No. 164557	Operator Name RIDGWAY ARIZONA OIL CORP.	Elevation 4372'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	26	7 S	33 E		334	SOUTH	992	WEST	ROOSEVELT

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

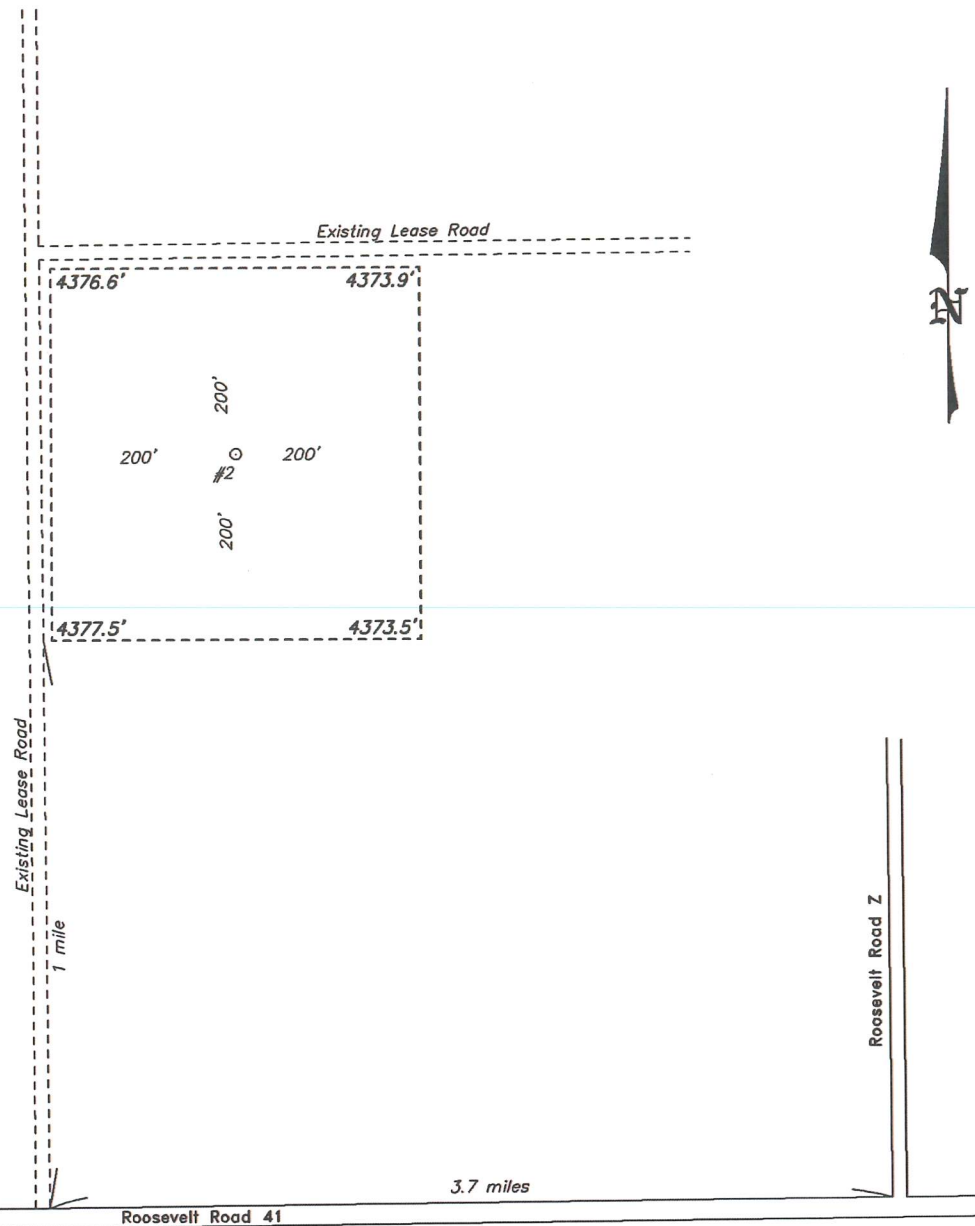
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>N.: 978061.0 E.: 781271.6 NAD 83</p> <p>N.: 978172.6 E.: 786640.2 NAD 83</p> <p>N.: 972775.5 E.: 781298.6 NAD 83</p> <p>N.: 972872.6 E.: 786654.6 NAD 83</p> <p>992'</p> <p>334'</p> <p>4376.6' 4373.9'</p> <p>4377.5' 4373.5'</p> <p>SURFACE LOCATION Lat - N 33.672448° Long - W 103.541339° NMSPCE - N 973127.2 E 782288.8 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date Surveyed MAY 13 2019</p> <p>Signature & Seal of Professional Surveyor</p> <p>Certificate No. Gary Jones 7977</p> <p>SCALE: 1" = 2000'</p> <p>WO Num.: 34608</p>
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**SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M.,
ROOSEVELT COUNTY, NEW MEXICO.**

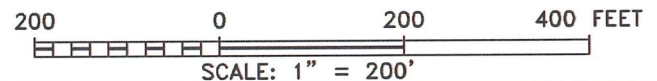
**RIDGEWAY ARIZONA OIL CORP.
KIZER SWD 2
ELEV. - 4372'**

Lat - N 33.672448°
Long - W 103.541339°
NMSPCE- N 973127.2
E 782288.8
(NAD-83)



DIRECTIONS TO LOCATIONS:
FROM THE JUNCTION ROOSEVELT ROAD 41 AND ROOSEVELT Z,
GO WEST ON ROOSEVELT ROAD 41 FOR 3.7 MILES TO EXISTING
LEASE ROAD. THEN NORTH ON LEASE ROAD FOR 1.0 MILE TO
PROPOSED WELL PAD.

MILNESAND, NM IS ±12 MILES TO THE SOUTHEAST OF LOCATION.



RIDGEWAY ARIZONA OIL CORP.

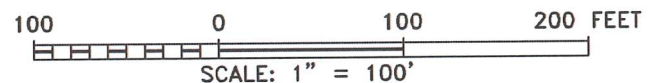
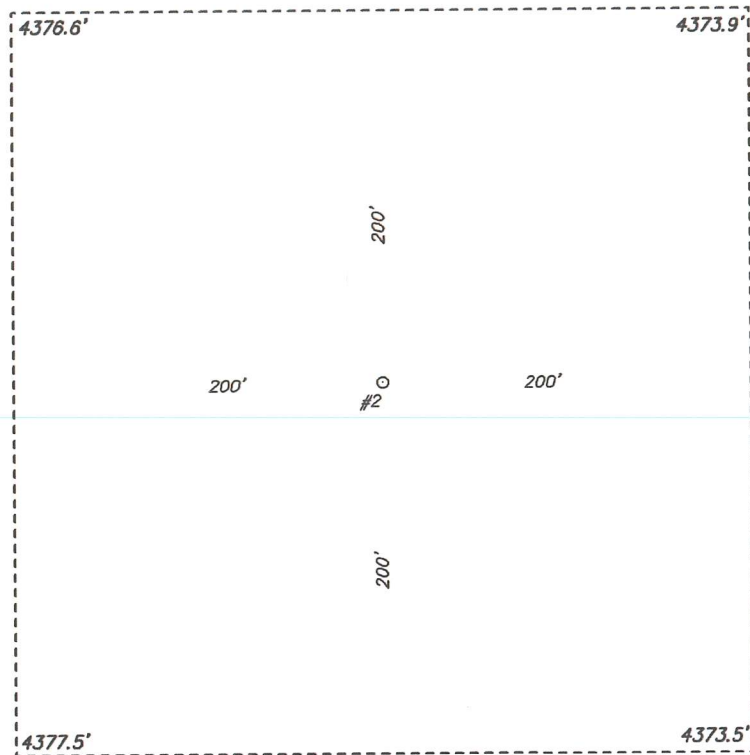
REF: KIZER SWD 2 / WELL PAD TOPO

THE KIZER SWD 2 LOCATED 334' FROM
THE SOUTH LINE AND 992' FROM THE WEST LINE OF
SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST,
N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.

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P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
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**SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M.,
ROOSEVELT COUNTY, NEW MEXICO.**



RIDGEWAY ARIZONA OIL CORP.

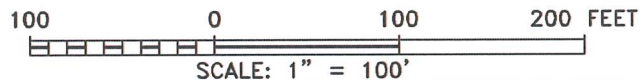
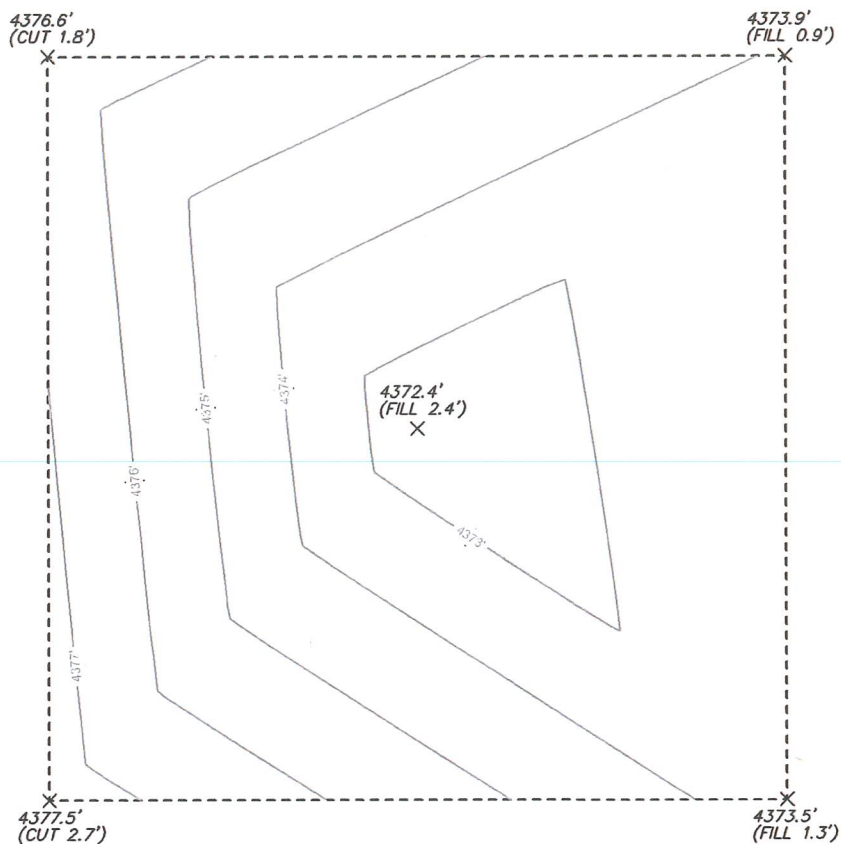
REF: KIZER SWD 2 / WELL PAD TOPO

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N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.

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ROOSEVELT COUNTY, NEW MEXICO.**



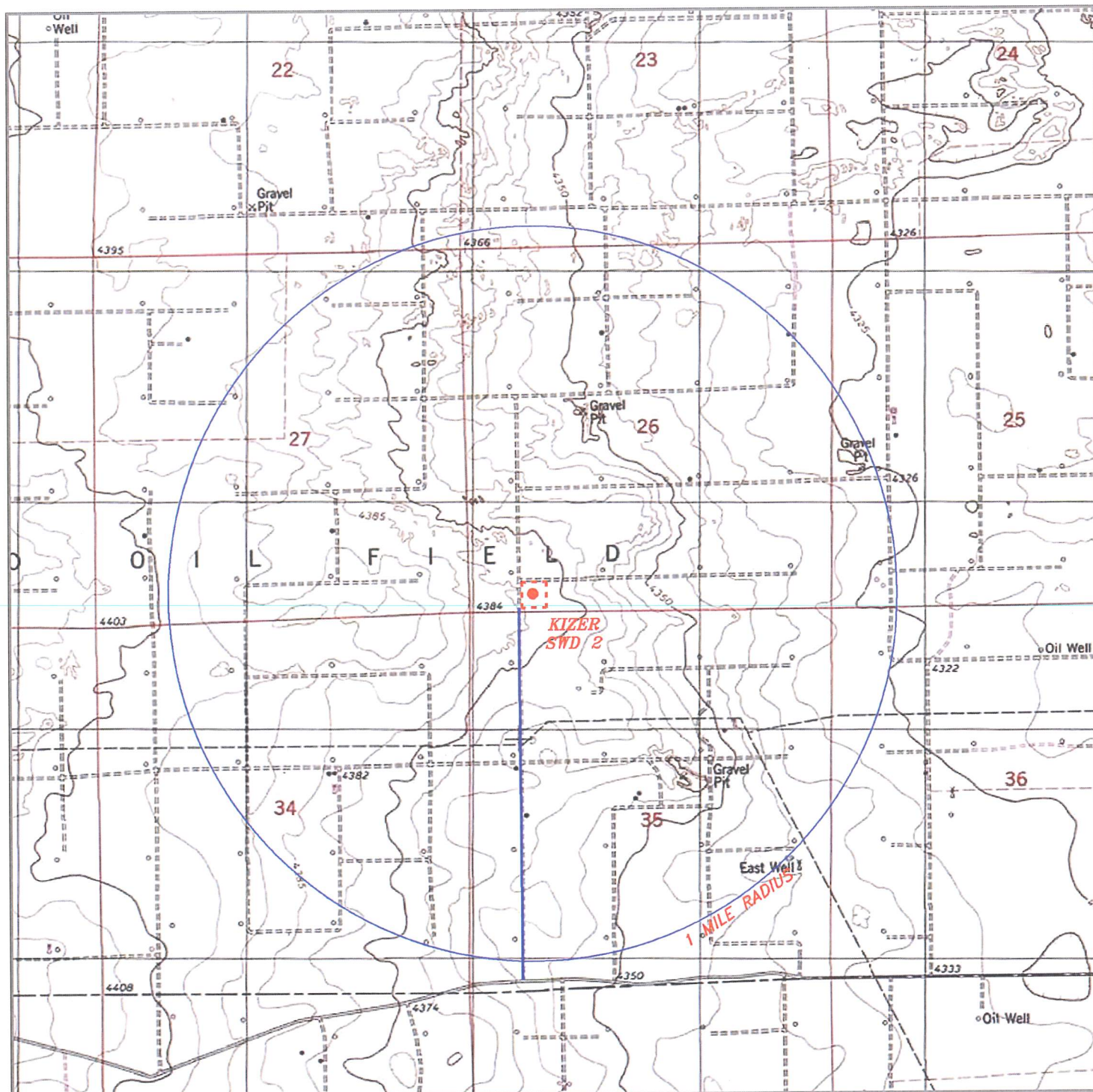
RIDGEWAY ARIZONA OIL CORP.

REF: KIZER SWD 2 / CUT & FILL

THE KIZER SWD 2 LOCATED 334' FROM
THE SOUTH LINE AND 992' FROM THE WEST LINE OF
SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST,
N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.

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KIZER SWD 2

Located 334' FSL and 992' FWL
 Section 26, Township 7 South, Range 33 East,
 N.M.P.M., Roosevelt County, New Mexico.



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 Hobbs, New Mexico 88241
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 (575) 392-2206 - Fax
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0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: KJG 34608

Survey Date: 05-30-2019

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND

RIDGEWAY
ARIZONA OIL
CORP



KIZER SWD 2

Located 334' FSL and 992' FWL
Section 26, Township 7 South, Range 33 East,
N.M.P.M., Roosevelt County, New Mexico.



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1120 N. West County Rd.
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0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: KJG 34608

Survey Date: 05-30-2019

YELLOW TINT - USA LAND

BLUE TINT - STATE LAND

NATURAL COLOR - FEE LAND



**RIDGEWAY
ARIZONA OIL
CORP**

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: RIDGEWAY ARIZONA OIL CORPORATION
ADDRESS: 575 N DAIRY ASHFORD RD, SUITE 210, ENERGY CENTER II, HOUSTON, TX 77079
CONTACT PARTY: WILLIAM BOYD PHONE: (713) 496-0986
- 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: WILLIAM BOYD TITLE: LAND & REGULATORY MGR

SIGNATURE:  DATE: 8/28/2019

E-MAIL ADDRESS: wboyd@pedevco.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: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Attachments to C-108

Copy of well bore diagram

Section III-XII Written descriptions to supplement C-108

Plates referenced in written descriptions

Tables referenced in written descriptions

OSE well logs referenced in written descriptions

Section XIII Proof of Notice

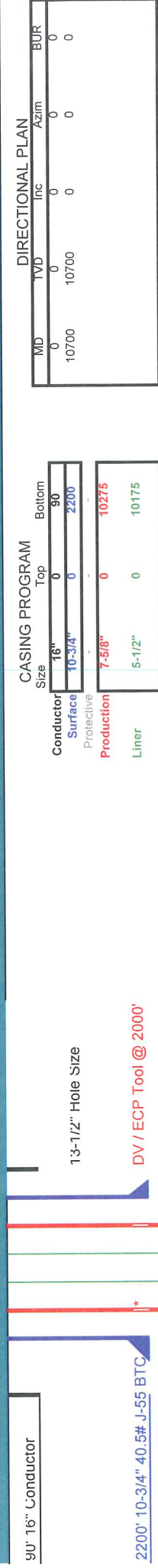
RIDGEWAY ARIZONA OIL CORP

WELLBORE SCHEMATIC

OPERATOR: Ridgeway Arizona Oil Corp.
WELL NAME: **KIZER SWD #2**
FIELD / PROSPECT: Chavaro CO: Roosevelt
SURFACE LOCATION: SEC 26 / 334' FSL 992' FWL
COMPLETED ZONE(S):
RECOMP ZONE(S):
TBG/TAC/ROD/PUMP:
WELLBORE: ☒ Original Comp ☐ Proposed Comp

TD: ~10700 REV DATE: 8/23/2019
STATE: New Mexico DRILL DATE: 10/1/2019
BHL: SEC 26 / 334' FSL 992' FWL
PB ZONE(S):
TAG DEPTH: RC: TAG DATE:
MISC:

DRILLING & MECHANICAL



CASING PROGRAM

Size	Top	Bottom
Conductor 16"	0	90
Surface 10-3/4"	0	2200
Protective 7-5/8"	0	10275
Production 7-5/8"	0	10275
Liner 5-1/2"	0	10175

DIRECTIONAL PLAN

MD	TVD	Inc	Azim	BUR
0	0	0	0	0
10700	10700	0	0	0

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include

1. Lease name; Well No.; Location by Section, Township and Range; and footage location within the section

Lease Name: Kizer SWD #2

Unit Letter M, Section 26, T7S R33E, 334 FSL, 992FWL

Roosevelt County

The Shannon Kizer owns the surface upon which the SWD is located.

2. Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined

The attached Wellbore Data Sheet provides all of the design specifics required and a tabulation of these data are shown on the diagram.

The formation tops below the top of the Chinle/Dockum Formation for the Kizer SWD #2 were established by Geologist Ben Jacobson. Tops were picked by correlating open hole and lithology logs from nearby wells. The Boug C well (TWP 7 S -Range 33 E – Section 35), located directly south of the proposed Kizer SWD 2 surface location (TWP 7 S - Range 33 E - Section 26), was the primary correlation well, due to the proximity. The elevation used for the proposed Kizer SWD 2, is from the survey ground elevation (4372).

There are no data from nearby wells that provide information regarding strata below the Devonian.

The top of the Chinle/Dockum was established by Randall Hicks based upon data from Figure 4 of New Mexico Bureau of Geology and Mineral Resources Open-file Report 580 (2016). Driller's logs of nearby wells suggest the depth to the top of the Chinle/Dockum (redbeds) is between 200-300 feet.

Formation	Top MD	Top Subsea
OGAL (Surface)		4372
CHNL	222	4150
QRTMSTR/SLR	922	3450
SALT	2236	2136
YTES	2293	2079
QUEN	3248	1124
SADR	3448	924
GLRT	4869	-497
YESO	5266	-894
TUBB	6623	-2251
ABO	7147	-2775
WFCMP	8004	-3632
STRAWN	9122	-4750
MSSP	9508	-5136
WOODFORD	11166	-6794
DVNN	10275	-5903
MONTOYA	10591	-6219

3. A description of the tubing to be used including its size, lining material, and setting depth

See attached well bore diagram.

4. The name, model, and setting depth of the packer used or a description of any other seal system or assembly used

See attached well bore diagram

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name

The proposed injection intervals include the Devonian in an open-hole interval.

(2) The injection interval and whether it is perforated or open-hole.

The depth interval of the open-hole injection interval is 10,275-10,700 (425 feet).

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

The well will be drilled for disposal.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations

There are no perforated intervals, only the open-hole completion described above.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

Overlying Oil & Gas Zone (Using Ground Level of 4,372 feet):

The Permian Basin has numerous zones produce oil gas beneath the San Andres. In the Chaveroo oil field, Atlantic Richfield Pennsylvanian test in Section 3, 8S, 33E (30-05-20026) to a depth of 9190 feet and did not detect economic shows of hydrocarbons below the San Andres. Thus, the only overlying oil and gas zone is the San Andres (3448-4869 feet below grade).

Underlying Oil & Gas Zones:

The Devonian and Ellenburger have produced gas within in the Delaware Basin of New Mexico. Within and proximal to the AOR, no wells tested formations below the Devonian.

IV. Is this an expansion of an existing project

No.

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

Plate 1a identifies all OCD listed wells and API numbers within 2.0 miles of the proposed SWD

Plate 1b identifies all active wells listed in the OCD database within 2 miles of the proposed SWC.

Plate 2a identifies the oil and gas leases within the 1-mile area of review based upon Ridgeway data

Plate 2a identifies oil and gas mineral ownership and surface owners based upon Ridgeway data

Plate 3 shows the location of water supply wells within 2 miles of the proposed SWD.

Table 1a provides data on all oil and gas wells within 2-miles of the proposed SWD

Table 1b provides data on all active oil and gas wells within 2-miles of the proposed SWD

Table 2 identifies all affected persons within the 1 mile 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

We identified one well that penetrates the proposed injection zone. Data regarding the plugging is attached to this submission

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected

Proposed Maximum Injection Rate: 25,000 bbl/day

Proposed Average Injection Rate: 15,000 bbl/day

2. Whether the system is open or closed

This is will be a closed system.

3. Proposed average and maximum injection pressure

The proposed maximum injection pressure is anticipated to be 2,000 psi. The average injection pressure will be 1,800 psi.

4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water

An analysis of produced water from the San Andres within the Ridgeway leases is attached to this submission.

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.).

There are no analyses of produced water in the Devonian near the SWD.

***VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth.**

The proposed injection intervals is the Devonian in an open-hole interval. The proposed injection intervals in the Pre-Mississippian Carbonates are well cemented and will provide the necessary open hole integrity while allowing salt water to be injected. Because of the competency of the rock, the open hole section has very little chance of collapsing.

As indicated in Section III.A.2, the approximate depth to the top of the Devonian is 10,275 feet. The depth interval of the injection interval is 10,275-10,700 (425 feet), within the Devonian Formation and upper Montoya.

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.

The Ogallala Aquifer is generally considered the principal groundwater source in Roosevelt County. However, in the area of the Chaveroo Oil Field, the contact between the Ogallala Aquifer and the underlying low-permeability red beds of the Chinle/Dockum Formation is higher than the regional water table. Therefore, the Ogallala is generally unsaturated. Figure 4 of Open File Report 580¹, which is attached to this submission, shows that the area around the proposed SWD is mapped as “discontinuous saturation” [of the Ogallala]. Plate 3 shows that 4 water supply wells for stock exist within 2-5 miles of the proposed SWD. The depth to water measured by the USGS in these four wells range from 145 feet north of the SWD to more than 200 feet at the three wells south of the SWD. There exist no driller’s logs for these four wells, thus we cannot be certain if they draw water from the base of the Ogallala or from deeper sandstones in the Chinle/Dockum.

¹ https://geoinfo.nmt.edu/publications/openfile/downloads/500-599/580/OFR-580_Clovis_PortalesLR.pdf

The Rustler is considered to be dominantly anhydrite in this area of New Mexico and not an underground source of drinking water.

Plate 4 shows that no intermittent streams are near the proposed SWD and small surface water bodies (two stock tanks) lie within 1 mile to the northeast and southeast respectively.

IX. Describe the proposed stimulation program, if any

A cleanup acid job may be used to remove mud and drill cuttings from the formation. However, no other formation stimulation is currently planned.

***X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted)**

Logs will be submitted to OCD upon completion of the well.

***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**

No active water supply wells with water chemistry data were identified within one mile of the proposed SWD. Data from various sources permit a conclusion that groundwater within the Chinle Formation is potable. In this area, groundwater in the underlying Rustler formation may be relatively brackish. The Ogallala Aquifer may be saturated in some locations.

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

Randall T. Hicks, a Professional Geologist with decades of experience in hydrogeology, affirms, on behalf of Ridgeway Arizona Oil Corp, that

- The USGS has mapped quaternary faults in New Mexico and no such faults are mapped in the area of the proposed Schooner SWD #1²
- The Texas Bureau of Economic Geology has mapped older faults (e.g. basement and Woodford) in New Mexico and the closest mapped Woodford fault is about 2.5 miles southwest³. The closest basement fault is about 3 miles west
- With respect to migration of produced water from the injection zone to underground sources of drinking water via faults or other natural conduits, the following conditions were considered

² <https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>

³ Bureau of Economic Geology (Accessed April 2019). University of Texas at Austin. Basement Faults (Ewing 1990, Tectonic Map of Texas); Precambrian Faults (Frenzel et al. 1988, Figure 6); Woodford Faults (Comer 1991, plate 1). <http://www.beg.utexas.edu/resprog/permbasin/gis.htm>

- The lowest underground source of drinking water is the Chinle Formation.
 - About 10,000 feet of sedimentary rock separates the bottom of the Chinle Formation and the top of the injection zone. Many of the formations that lie between the injection zone and the lowermost aquifer are permeable and contain oil, gas or water at various pressures. Any excursion of injected fluids from the Devonian disposal zone would undoubtedly enter these permeable formations prior to moving into the Rustler Formation.
 - There is no evidence that the pressure regime in the oil and gas reservoirs is sufficient to cause the upward migration of formation water through the bedded salt and into the Chinle aquifer.
- There is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fed <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-1369	
7. Unit Agreement Name	

8. Farm or Lease Name	
Chaveroo Bough "C"	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Roosevelt	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	Dry Hole
2. Name of Operator	Skelly Oil Company
3. Address of Operator	P. O. Box 1351, Midland, Texas 79701
4. Location of Well	UNIT LETTER <u>C</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>7S</u> RANGE <u>33E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)	4372' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Drill to TD and plug and abandon</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) Drilled out cement after setting 8-5/8" OD casing.
- 2) Drilled to 8695'. Ran Drill Stem Test No. 1.
- 3) Drilled to 8735'. Ran Drill Stem Test No. 2.
- 4) Drilled to 8810'. Ran Drill Stem Test No. 3.
- 5) Drilled to 8952'. Ran Drill Stem Test No. 4.
- 6) Drilled to 9680'. Ran Drill Stem Test No. 5.
- 7) Drilled to 9800'. Ran Drill Stem Test No. 6.
- 8) Drilled to TD 10,020'.
- 9) Ran Gamma Ray Sonic log 9550' - 4500' and Gamma Ray log 4500' - surface.
- 10) Drilled out bridge at 9550', then ran Gamma Ray Sonic log 9987' - 9550' and Laterolog 9983' - 8000'.
- 11) As no commercial quantities of oil or gas were encountered, well was ordered plugged and abandoned.
- 12) Ran drill pipe open-ended and spotted cement plugs as follows:

50 sacks 10,020' - 9870'
50 sacks 8436' - 8280'
50 sacks 7035' - 6865'

See attached

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED (Signed) D. R. Crow TITLE Lead Clerk DATE Dec. 16, 1971

APPROVED BY Nathan E. Clegg TITLE OIL DATE 12/17/71

CONDITIONS OF APPROVAL, IF ANY:

Form C-103
Page 2
Chaveroo Bough "C"

50 sacks 4922' - 4772'
50 sacks 4525' - 4375'
10-sack cement plug 30' to surface

All intervals not cemented were filled with 10# mud.

13) Set dry hole marker.

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NEW MEXICO OIL CONSERVATION COMMISSION

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SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- Dry Hole		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator Skelly Oil Company		5. State Oil & Gas Lease No. K-1369
3. Address of Operator P. O. Box 1351, Midland, Texas 79701		7. Unit Agreement Name _____
4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 78 RANGE 33E NMPM.		8. Farm or Lease Name Chaveroo Brugh "C"
15. Elevation (Show whether DF, RT, GR, etc.) 4372' GR		9. Well No. 1
10. Field and Pool, or Wildcat Wildcat		12. County Roosevelt

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER Re-enter, salvage 8-5/8" casing and re-plug well. <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) Moved in casing pulling unit 4-10-73.
- 2) Drilled out surface plug. Cleaned out to 2373'.
- 3) Circulated hole with 10# mud.
- 4) Shot of 8-5/8" OD casing at 1997' and pulled casing.
- 5) Spotted 150 sack plug 1850-2025' across 8-5/8" casing stub.
- 6) Spotted 50 sack plug 387-445' across bottom of surface casing.
- 7) Spotted 10 sack plug from surface to 11' in top of surface casing.
- 8) Set dry hole marker.

All intervals not cemented were filled with 10# mud.
Well plugged and abandoned 4-15-73.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED (Signed) D. R. Crow D. R. Crow TITLE Lead Clerk DATE 5-2-73

APPROVED BY Nathan E. Olegg TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. K-1369	
7. Unit Agreement Name	
8. Farm or Lease Name Chaveroo Bough "C"	
9. Well No. 1	
10. Field and Pool, or Wildcat Wildcat	
12. County Roosevelt	

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small></p>	
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Dry Hole</p>	
<p>2. Name of Operator Skelly Oil Company</p>	
<p>3. Address of Operator P. O. Box 1351, Midland, Texas 79701</p>	
<p>4. Location of Well</p> <p>UNIT LETTER C 990 FEET FROM THE North LINE AND 1650 FEET FROM West 35 76 33E</p> <p>THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.</p>	
<p>15. Elevation (Show whether DF, RT, GR, etc.) 4372' GR</p>	

<p align="center">Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p> <p align="center">NOTICE OF INTENTION TO:</p>		<p align="center">SUBSEQUENT REPORT OF:</p>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Re-enter, salvage 8-5/8" casing and replug well.	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned in December of 1971. At that time no casing was pulled. We propose to salvage approximately 2200' of 8-5/8" OD casing and replug and abandon this well as follows:

- 1) Move in casing pulling rig.**
- 2) Drill out surface plug.**
- 3) Cut off 8-5/8" OD casing at approximately 2200'.**
- 4) Spot 50 sack cement plug across 8-5/8" casing stub.**
- 5) Spot 100 sack cement plug 1850-1925'.**
- 6) Spot 50 sack cement plug across bottom of surface casing set at 400'.**
- 7) Spot 10 sack cement plug in top of surface casing.**
- 8) Set dry hole marker.**

All intervals not cemented will be filled with 10# mud.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

<p>(SIGNED) D. R. Crow D. R. Crow</p>		<p>Lead Clerk</p>		<p>April 6, 1973</p>	
<p>SIGNED _____</p>		<p>TITLE _____</p>		<p>DATE _____</p>	
<p>APPROVED BY Joe D. Doney</p>		<p>TITLE _____</p>		<p>DATE _____</p>	
<p>CONDITIONS OF APPROVAL, IF ANY:</p>					

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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-1369

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						7. Unit Agreement Name ---	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						8. Farm or Lease Name Chaveroo Bough "C"	
2. Name of Operator Skelly Oil Company						9. Well No. 1	
3. Address of Operator P. O. Box 1351, Midland, Texas 79701						10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 35 TWP. 7S RGE. 33E NMPM						12. County Roosevelt	
15. Date Spudded 10-14-71	16. Date T.D. Reached 12-7-71	17. Date Compl. (Ready to Prod.) ---	18. Elevations (DF, RKB, RT, GR, etc.) 4372' GR	19. Elev. Casinghead ---			
20. Total Depth 10,020'	21. Plug Back T.D. Surface	22. If Multiple Compl., How Many ---	23. Intervals Drilled By Rotary Tools 0' - 10,020'	Cable Tools ---			
24. Producing Interval(s), of this completion - Top, Bottom, Name Dry Hole						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Schlumberger Laterolog and Borehole Compensated Sonic-Gamma Ray Log						27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8" OD	54.5#	400'	17-1/2"	400 sacks		None	
8-5/8" OD	32#	4500'	12-1/4" & 11"	800 sacks		None	
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
31. Perforation Record (Interval, size and number) None				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
33. PRODUCTION							
Date First Production None		Production Method (Flowing, gas lift, pumping - Size and type pump) None				Well Status (Prod. or Shut-in) Shut In	
Date of Test ---	Hours Tested ---	Choke Size ---	Prod'n. For Test Period ---	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate ---	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
35. List of Attachments Summary of Drill Stem Tests, Deviation Affidavit, Borehole Compensated Sonic-Gamma Ray Log and Laterolog.							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED (Signed) D. R. Crow				TITLE Lead Clerk		DATE Dec. 16, 1971	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy <u>1803'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____		
T. Salt <u>1885'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____		
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____		
T. Yates <u>2292'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____		
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____		
T. Queen <u>2952'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____		
T. Grayburg <u>Penrose 3068'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____		
T. San Andres <u>3443'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____		
T. Glorieta <u>4772'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____		
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	<u>Canyon 9008'</u>		
T. Clearfork <u>Clearfork 5530'</u>	T. Gr. Wash _____	T. Morrison _____	<u>Strawn 9225'</u>		
T. Tubb <u>6285'</u>	T. Granite _____	T. Todilto _____	<u>Atoka 9498'</u>		
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	<u>Miss. Lime 9989'</u>		
T. Abo <u>7135'</u>	T. Bone Springs _____	T. Wingate _____			
T. Hueco <u>Hueco 8147'</u>	T. Bough "A" <u>8619'</u>	T. Chinle _____			
T. Penn. _____	T. "B" <u>8646'</u>	T. Permian _____			
T. Cisco (Bough C) _____	T. "C" <u>8682'</u>	T. Penn. "D" <u>8780'</u>			
	T. "D" <u>8719'</u>				

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1803'	1803'	Sand and red beds				
1803'	1885'	82'	Anhydrite				
1885'	2292'	407'	Salt				
2292'	2952'	660'	Yates				
2952'	3068'	116'	Queen				
3068'	3443'	375'	Penrose				
3443'	4772'	1329'	San Andres				
4772'	5530'	758'	Glorieta				
5530'	6285'	755'	Clearfork				
6285'	7135'	850'	Tubb				
7135'	8147'	1012'	Abo				
8147'	8619'	472'	Hueco				
8619'	8646'	27'	Bough "A"				
8646'	8682'	36'	Bough "B"				
8682'	8719'	37'	Bough "C"				
8719'	8780'	61'	Bough "D"				
8780'	9008'	228'	Penn.				
9008'	9225'	217'	Canyon				
9225'	9498'	273'	Strawn				
9498'	9989'	491'	Atoka				
9989'	10020'	31'	Miss. Lime				

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17 1977

U.S. GEOLOGICAL SURVEY
BOZEMAN, MONT.

Summary of Drill Stem Tests

Chaveroo Bough "C" No. 1

DRILL STEM TEST NO. 1: 8671-8695'

Bough "B" - 3/4" bottom hole choke, 1" top hole choke. Tool open 15 minutes on preflow, immediate air blow increased from fair to good; 60-minute ISIP 1611-2799#; 60-minute FFP 1611-2711#, good air blow decreased to weak blow; 120-minute FSIP 2711#. Hydrostatic in 4804#, out 4440#. Pulled drill pipe and recovered 1700' gas in drill pipe, 4490' slightly gas-cut salt water, 210' drilling mud, no oil. Pulled out of hole. In sample chamber recovered .1 cubic feet of gas, 1700 cc salt water, 400 cc drilling mud. Bottom hole temperature 138°.

DRILL STEM TEST NO. 2: 8709-8735'

Bough "C" - 3/4" bottom hole choke, 1" top hole choke. Tool open 20 minutes on preflow, slight to weak air blow to surface in 20 minutes, IFP 46#; 60-minute ISIP 230#; 60-minute FFP 46# with slight air blow to no blow in 5 minutes; 120-minute FSIP 92#. Hydrostatic in 4718#, out 4622#. Recovered 60' drilling mud, no show of oil or gas. In sample chamber recovered 1200 cc mud.

DRILL STEM TEST NO. 3: 8737-8810'

Bough "D" - 3/4" bottom hole choke, 1" top hole choke. 15-minute preflow 115#, weak air blow immediately and continued throughout 15 minutes; 1 hr. ISIP 2981#; 1 hr. FFP 138#, weak air blow immediately, died in 10 minutes; 2-hr. FSIP 3004#. Pulled out of hole and recovered 90' of drilling mud, no shows. In sample chamber recovered 1450 cc drilling mud. Hydrostatic in 4447#, out 4424#, bottom hole temperature 140°.

DRILL STEM TEST NO. 4: 8930-8952'

Cisco - 3/4" bottom hole choke, 1" top hole choke. 15-minute preflow 46#, weak air blow immediately, and continued throughout 15 minutes. 1-hr. ISIP 3301#; 1-hr. FFP 46#, no air blow; 2-hr. FSIP 2922#. Pulled out of hole and recovered 70' drilling mud, no shows. In sample chamber recovered 1200 cc drilling mud. Hydrostatic in 4713#, out 4668#, bottom hole temperature 140°.

DRILL STEM TEST NO. 5: 9560-9680'

Atoka - 3/4" bottom hole choke, 1" top hole choke. 20-min. preflow 46# with weak air blow; 1-hr. ISIP 92#; 1-hr. FFP 46# with no air blow; 2-hr. FSIP 92#; hydrostatic in 4986#, hydrostatic out 4940#. Recovered 40' drilling mud. In sample chamber recovered 1400 cc drilling mud. Bottom hole temperature 142°.

DRILL STEM TEST NO. 6: -9684-9800'

Atoka - 3/4" bottom hole choke, 1" top hole choke. 20-min. preflow 385# with very weak to no air blow in 18 minutes; 1-hr. ISIP 2559#; 1-hr. FFP 428# with very weak to no air blow in 10 minutes; 2-hr. FSIP 2665#, hydrostatic in 5042#, hydrostatic out 5021#. Recovered 320' drilling mud. In sample chamber recovered 1450 cc drilling mud, no shows. Bottom hole temperature 146°.

DEVIATION AFFIDAVIT
Date December 16, 1971

New Mexico Oil Conservation Commission

P. O. Box 1980

Hobbs, New Mexico 88240

State of New Mexico

County of Roosevelt

D. R. Crow, of lawful age, being first duly sworn deposes and says:

That he is employed by Skelly Oil Company in the capacity of Lead Clerk

and is fully acquainted with the facts as set forth herein.

That during the months of Oct., Nov., and Dec. 19 71, Hondo Drilling Company

ran the following Deviation Surveys for Skelly Oil Company on their Chaveroo Bough "C"

Well No. 1, in NE 1/4 of NW 1/4 of Sec. 35-7S-33E, NMPM, Wildcat

Pool, Roosevelt County, New Mexico.

SLOPE TEST DATA

<u>Depth In</u>	<u>Angle in Degrees</u>	<u>Depth In</u>	<u>Angle in Degrees</u>
400'	1	5779'	3/4
900'	3/4	6265'	3/4
1300'	1	6725'	3/4
1750'	3/4	7093'	1/2
2200'	3/4	7591'	1/2
2700'	3/4	7804'	1/2
3200'	1-1/2	7984'	1/2
3540'	3/4	8245'	1/2
3865'	1	8952'	1-1/4
4339'	3/4	9680'	1/2
4500'	3/4	9800'	3
4746'	1/2	10,020'	1
5261'	1/2		

Subscribed and sworn to before me this 16th

day of December, 19 71.

C. C. Boen C. C. Boen

Notary Public in and for said County and State

My commission expires: 6-1-73

I hereby certify that the information
given above is true and complete to the
best of my knowledge and belief.

D. R. Crow
Name

Lead Clerk
Position

P. O. Box 1351, Midland, Texas 79701
Address

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. K-1369	
7. Unit Agreement Name ---	
8. Farm or Lease Name Chaveroo Bough "C"	
9. Well No. 1	
10. Field and Pool, or Wildcat Wildcat	
12. County Roosevelt	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Skelly Oil Company
3. Address of Operator P. O. Box 1351, Midland, Texas 79701
4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 7S RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) Unknown

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER Set 8-5/8" OD casing <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) Drilled to 4500'.
- 2) Ran 106 joints (4537') of 8-5/8" OD 24# and 32# J-55 R-2 casing -- casing parted 2250' from surface, leaving 2184' in hole.
- 3) Pulled 53 joints casing. Ran 11" bit and cleaned out to 2250'. Unable to pull fish.
- 4) Ran 12-1/4" bit and reamed out 400' - 2266'. Collar locator indicated fish at 2260'.
- 5) Washed over and milled on fish. Top of fish at 2373'.
- 6) Pushed junk inside 8-5/8" OD casing to 2413'.
- 7) Cut off casing at 2458', recovering 82' of casing. Could not pull casing free. Dressed casing at 2458'. Ran 60 joints (2450') of 8-5/8" OD casing with casing bowl, latched onto casing at 2458'. Tested casing to 1500# for 30 minutes; held OK.
- 8) Cleaned out inside casing 2538' - 4503', recovering pieces of junk.
- 9) Set Halliburton "RTTS" packer at 2240' and retrievable bridge plug at 4483'. Tested casing to 1500# for 15 minutes, held OK.
- 10) With 8-5/8" OD 32# J-55 R-2 casing set at 4500', cemented with 500 sacks Lite-Wate with 3% salt, 1-1/4# Celloflakes per sack and 300 sacks regular cement with 2% calcium chloride. Temperature survey indicated top of cement outside casing at 2200'. (All of 24# casing was removed from well.) WOC 18 hours; tested casing to 1500# for 30 minutes, held OK.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED (Signed) D. R. Crow TITLE Lead Clerk DATE Nov. 22, 1971

APPROVED BY Orig. Signed by Joe D. Ramey Dist. I, Supv. TITLE DATE NOV 24 1971

CONDITIONS OF APPROVAL, IF ANY:

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1971

REMOVED

OIL CONSERVATION COMM.
HOUSTON, TEX.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-1369	
7. Unit Agreement Name	
8. Farm or Lease Name	
Chaveroo Bough "C"	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Roosevelt	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator
Skelly Oil Company
3. Address of Operator
P. O. Box 1351, Midland, Texas 79701
4. Location of Well
UNIT LETTER C, 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 7S RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)
Unknown

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER Spud and set casing <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) Moved in rotary rig and spudded 17-1/2" hole at 2:45 P.M. October 14, 1971.
- 2) Drilled to 400'.
- 3) Ran 12 joints (388') of 13-3/8" OD 54.5# J-55 3RD RT&C casing and set at 400' with 200 sacks Class "C" cement with 1/4# celloflakes per sack and 200 sacks Class "C" cement with 2% calcium chloride per sack. Cement circulated to surface. WOC 24 hours.
- 4) Tested casing to 1500# for 30 minutes.
- 5) Drilled out cement.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE District Admin. Coordinator DATE October 19, 1971

Orig. Signed by Joe D. Ramey DATE OCT 22 1971

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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HOBBS, N. M.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-1369	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		---	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Chaveroo Bough "C"	
2. Name of Operator		9. Well No.	
Skelly Oil Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1351, Midland, Texas 79701		Wildcat	
4. Location of Well		12. County	
UNIT LETTER C LOCATED 990 FEET FROM THE North LINE		Roosevelt	
AND 1650 FEET FROM THE West LINE OF SEC. 35 TWP. 7S RGE. 33E NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
9800'		Atoka	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
Unknown	Blanket Bond #1253688	To be selected	Immediately

23. **\$100,000 w/Fed. Ins. Co.**
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8" OD	48#	375'	315	Surface
11"	8-5/8" OD	24# & 32#	4500'	1300	Surface
7-7/8"	5-1/2" OD	17#	9800'	825	5000'

The pump and plug process will be used in cementing all strings of casing. The 13-3/8" OD casing will be set at 375' and cemented to surface. The 8-5/8" OD casing will be set at approximately 4500' and cemented to surface. The 5-1/2" OD casing will be set at total depth and will be perforated approximately 9450' - 9478' to test the Atoka. If the test does not indicate a commercially economical well, the Bough "C" will be perforated at approximately 8570' - 8585' and tested.

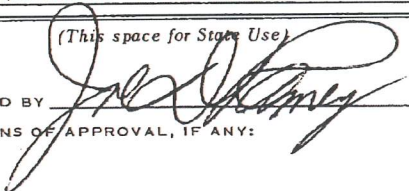
APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 1-1-72

NOTIFIED
13 3/8

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed **(SIGNED) CHARLES J. LOVE** Title **District Production Manager** Date **Sept. 29, 1971**

(This space for State Use)
APPROVED BY  TITLE **SUPERVISOR DISTRICT I** DATE **OCT 1 1971**
CONDITIONS OF APPROVAL, IF ANY:

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OIL CONSERVATION COMM.
HOBBS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

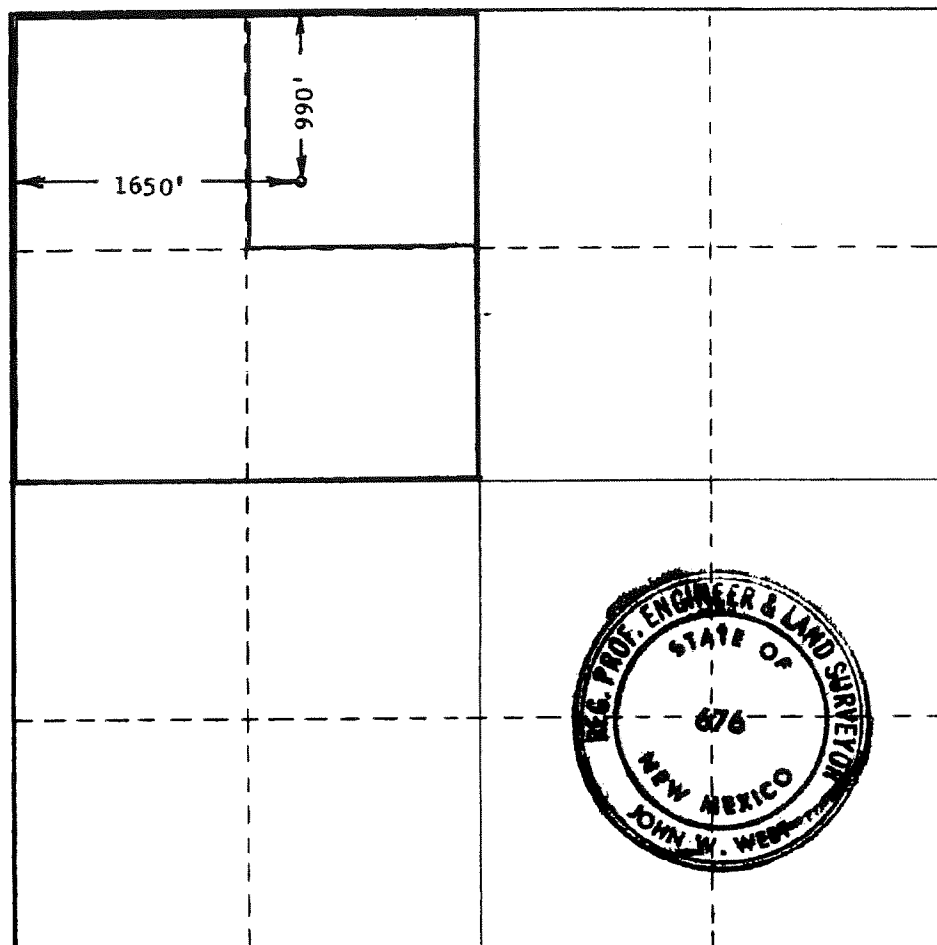
Operator SKELLY OIL CO.			Lease CHAVEROO BOUGH "C"		Well No. 1
Unit Letter C	Section 35	Township 7 SOUTH	Range 33 EAST	County ROOSEVELT	
Actual Footage Location of Well:					
990 feet from the NORTH line and		1650 feet from the WEST line			
Ground Level Elev. Unknown	Producing Formation Atoka	Pool Wildcat	Dedicated Acreage: 40 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

C. J. Love
Name
C. J. Love

Position
District Production Manager

Company
Skelly Oil Company

Date
September 28, 1971

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
SEPTEMBER 25, 1971

Registered Professional Engineer and/or Land Surveyor

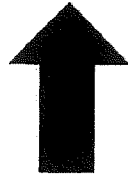
John W. West
Certificate No. **676**

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OIL CONSERVATION COMM,
HOBBBS, N. C.



LTR



Job separation sheet

[illegible]

COUNTY	ROOSEVELT	FIELD	Wildcat	STATENM	30-041-20333
OPR	SKELLY OIL CO.			MAP	
	1 Chaveroo - Bough "C"				
	Sec 35, T-7-S, R-33-E			CO-ORD	
	990' FNL, 1650' FWL of Sec				
	Spd 10-14-71			CLASS	EL 4382' E
	Cmp 12-14-71				
	FORMATION	DATUM	FORMATION	DATUM	
CSG & SX - TUBING					
13 3/8" at 400' w/400 SX					
8 5/8" at 4500' w/800 SX					
LOGS EL GR RA IND HC A					
	TD 10,020'				
PLUGGED & ABANDONED					

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CONT.	Hondo	PROP DEPTH	9800'	TYPE	RT
DATE					

F.R. 10-5-71; Opr's Elev. 4382' DF
FD 9800' RT (Atoka)
Contractor - Hondo

10-18-71 Drlg. 3285'
10-25-71 TD 4500'; Fshg
Attempted to Run 8 5/8" casing & Casing parted
11-1-71 TD 4500'; Fshg
11-8-71 Drlg. 5825'
11-15-71 Drlg. 7880'
11-19-71 Drlg. 8352'
11-29-71 Drlg. 9314'

DST (Bough "E") 8671-95', open 1 hr 15 mins,
rec 1700' gas in DP + 4490' sli GC salt wtr +
210' DM, 1 hr ISIF 2799#, FP 1611-2711#,
2 hr FSIF 2711#, HP 4804-4440', BH Temp 138 deg

ROOSEVELT
SKELLY OIL CO.

Wildcat NM Sec 35, T7S, R33E
1 Chavero - Bough "C" Page #2

11-29-71

Continued

DST (Bough "C") 8700-35', open 1 hr 20 mins,
rec 60' DM, NS, 1 hr FSIP 230#, FP 46-46#,
2 hr FSIP 92#, HP 4718-4622#
DST (Bough "D") 8737-8310', open 1 hr 20 mins,
rec 90' DM, NS, 1 hr FSIP 2997#, FP 94-118#,
2 hr FSIP 3000#, HP 4447-4424', BH Temp 140 deg
DST (Cisco) 8930-52', open 1 hr 15 mins,
rec 70' DM, NS, 1 hr FSIP 3301#, FP 46-46#,
2 hr FSIP 2904#, HP 4713-4668#, BH Temp 140 deg

12-6-71

Drig. 9893'

DST (Atoka) 9560-9680', open 1 hr 20 mins,
rec 40' DM, 1 hr FSIP 92#, FP 46-46#,
2 hr FSIP 92#, HP 4986-4940#

12-6-71

Continued

DST (Atoka) 9684-9800', open 1 hr 20 mins,
rec 320' DM, 1 hr FSIP 2559#, FP 385-428#,
2 hr FSIP 2665#, HP 5042-5021#

12-13-71

TD 10,020'; Prep P&A

Ran Logs to TD

No Tests or Cores at TD

12-20-71

TD 10,020'; PLUGGED & ABANDONED

LOG TOPS: Anhydrite 1803', Salt 1885', Yates
2292', Queen 2952', Penrose 3068', San Andres
3443', Pi Marker 3996', Glorieta 4772',
Clearfork 3530', Tubb 6285', Abo 7135',
Pennsylvanian XX 8147', Three Brothers 8436',
Bough "A" 8619', Bough "B" 8646', Bough "C"
8682', Bough "D" 8719', Cisco 8780', Canyon
9008', Strawn 9225', Atoka 9498', Mississippian
Lime 9989'

12-23-71

COMPLETION REPORTED

Plates

Plate 1 Active and P&A OCD wells within 2-Miles

Plates

2a Mineral leases and mineral ownership within the area of review

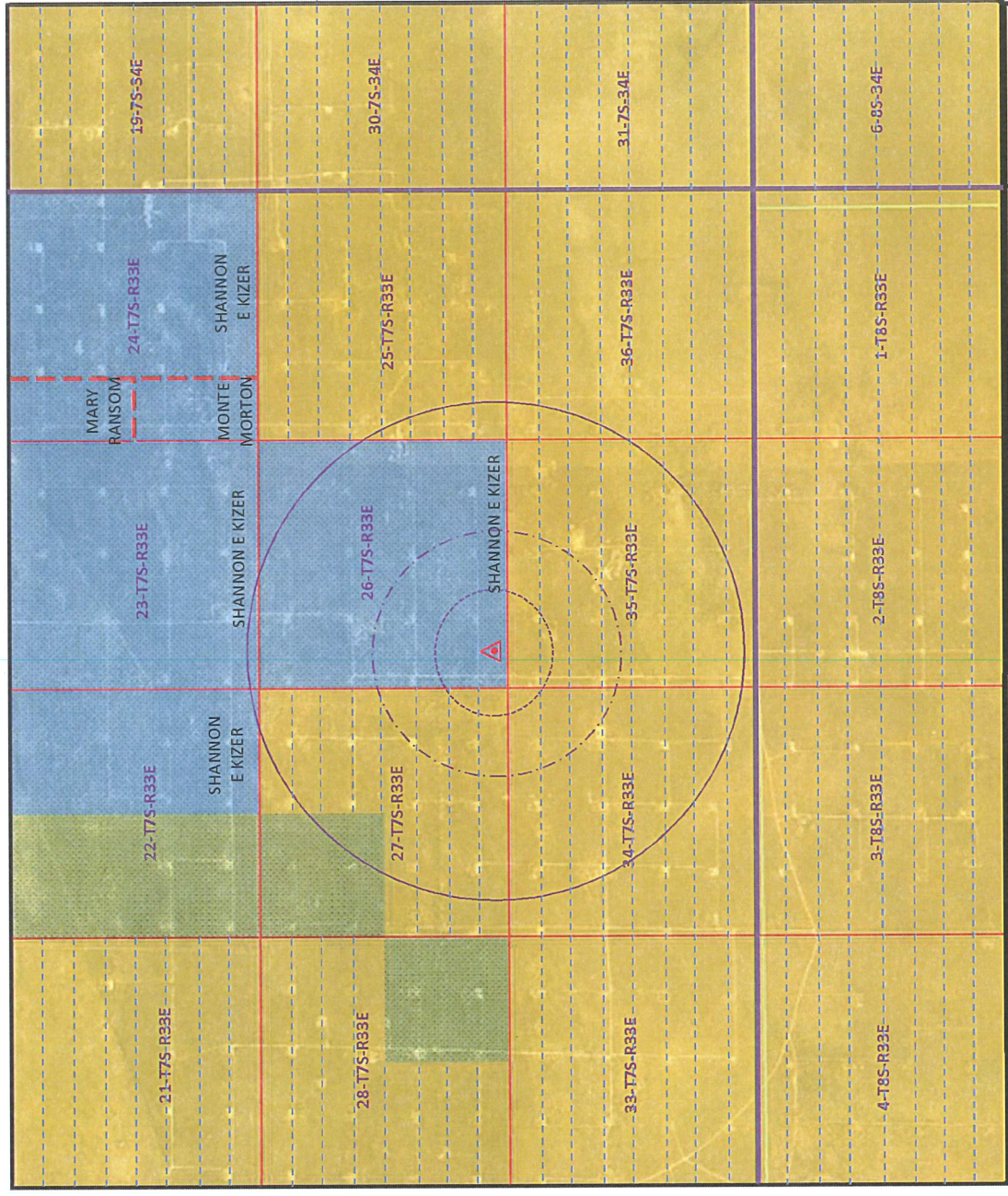
2b Surface Ownership and Oil and Gas Rights

Plates 3 Water supply wells within 2 Miles

Plate 4 Surface water within the area of review



Ridgeway Arizona Oil Corporation Houston, TX	Active and P&A OCD wells within 2-Miles		Plate 1
	Kizer SWD #2		Sep-19



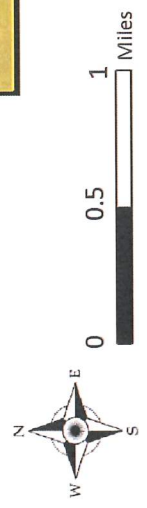
SWD

Distance (miles)
 0.5
 1
 2

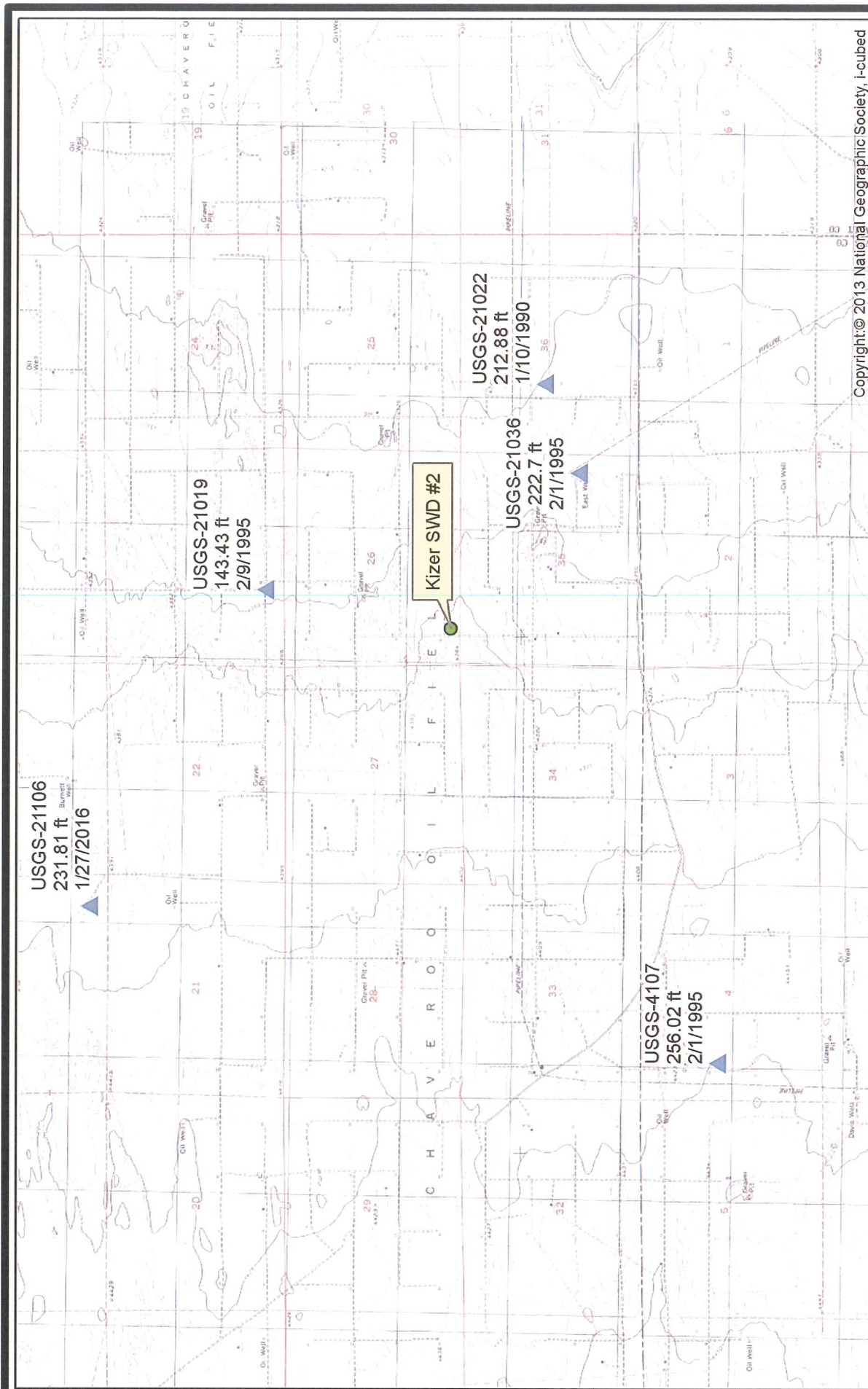
NM Land Ownership
 BLM
 State
 Private

Mineral Ownership (BLM Dataset)
 All minerals owned by the US (BLM)
 No minerals owned by the US (BLM)

Township Range Section
 Township Range
 Section



Ridgeway Arizona Oil Corporation 575 N Dairy Ashford Rd, Suite 210 Energy Center II Houston, TX 77079		Surface and Mineral Ownership within 2-miles	Plate 2b
		Kizer SWD #2	August 2019



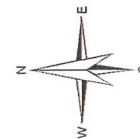
R.T. Hicks Consultants, Ltd
901 Rio Grande Blvd NW Suite F-142
Albuquerque, NM 87104
Ph: 505.266.5004

Water Wells and Depth to Groundwater Surface

Plate 3

Ridgeway Arizona Oil Corp - Kizer SWD #2

Sept 2019



R.T. Hicks Consultants, Ltd
 901 Rio Grande Blvd NW Suite F-142
 Albuquerque, NM 87104
 Ph: 505.266.5004

Nearby Surface Water
 Ridgeway Arizona Oil Corp - Kizer SWD #2

Plate 4

Sept 2019

Tables and Data

Table 1a OCD wells within 2 Miles

Table 1b Active OCD wells within 2 miles

Table 2 Affected Persons within area of review

Laboratory Report: Produced Water Chemistry of Nearby Wells

Table 1a Oil and gas wells in OCD database within 2-miles

wellname		Well Type	Well Status	section			Range	unit_htr	ogrid_name	Pool_id_list
API					township					
30-005-10478	KM CHAVEROO SA UNIT #035	Salt Water	Active	1 08S	33E	3	DUGAN PRODUCTION CORP	[96121] SWD, SAN ANDRES		
30-005-10465	KM CHAVEROO SA UNIT #034	Injection	Plugged (Site Released)	1 08S	33E	4	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10509	KM CHAVEROO SA UNIT #049	Oil	Active	1 08S	33E	E	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10459	KM CHAVEROO SA UNIT #032	Oil	Active	2 08S	33E	1	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10450	KM CHAVEROO SA UNIT #031	Injection	Plugged (Site Released)	2 08S	33E	2	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10447	KM CHAVEROO SA UNIT #012	Oil	Active	2 08S	33E	3	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-20740	KM CHAVEROO SA UNIT #114	Oil	Plugged (Site Released)	2 08S	33E	3	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10446	KM CHAVEROO SA UNIT #011	Injection	Plugged (Site Released)	2 08S	33E	4	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-29220	KM CHAVEROO SAN ANDRES UNIT #202H	Oil	New (Not Drilled/Completed)	2 08S	33E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10466	KM CHAVEROO SA UNIT #013	Oil	Plugged (Site Released)	2 08S	33E	E	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10468	KM CHAVEROO SA UNIT #014	Injection	Plugged (Site Released)	2 08S	33E	F	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10485	KM CHAVEROO SA UNIT #021	Oil	Active	2 08S	33E	G	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10464	KM CHAVEROO SA UNIT #033	Injection	Plugged (Site Released)	2 08S	33E	H	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10510	KM CHAVEROO SA UNIT #018	Oil	Active	2 08S	33E	I	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10507	KM CHAVEROO SA UNIT #017	Injection	Plugged (Site Released)	2 08S	33E	J	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10497	KM CHAVEROO SA UNIT #016	Oil	Active	2 08S	33E	K	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10505	KM CHAVEROO SA UNIT #015	Oil	Plugged (Site Released)	2 08S	33E	L	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10529	KM CHAVEROO SA UNIT #111	Oil	Active	2 08S	33E	M	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10524	KM CHAVEROO SA UNIT #110	Injection	Active	2 08S	33E	N	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10530	KM CHAVEROO SA UNIT #112	Oil	Active	2 08S	33E	O	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10531	KM CHAVEROO SA UNIT #113	Injection	Active	2 08S	33E	P	DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES		
30-005-10433	HALEY CHAVEROO SA UNIT #032	Oil	Active	3 08S	33E	1	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10440	HALEY CHAVEROO SA UNIT #033	Injection	Active	3 08S	33E	2	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10448	HALEY CHAVEROO SA UNIT #034	Oil	Active	3 08S	33E	3	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10475	PRE-ONGARD WELL #005	Oil	Plugged (Site Released)	3 08S	33E	4	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES		
30-005-29219	HALEY SAU #001C	Oil	Cancelled APD	3 08S	33E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10490	HALEY CHAVEROO SA UNIT #035	Injection	Active	3 08S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10486	HALEY CHAVEROO SA UNIT #036	Oil	Active	3 08S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10467	HALEY CHAVEROO SA UNIT #037	Oil	Active	3 08S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-20052	HALEY CHAVEROO SA UNIT #038	Oil	Active	3 08S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10541	HALEY CHAVEROO SA UNIT #039	Oil	Active	3 08S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-20792	HALEY CHAVEROO SA UNIT #040	Oil	Active	3 08S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-20396	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)	3 08S	33E	M	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES		
30-005-20969	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)	3 08S	33E	N	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES		
30-005-20026	HALEY CHAVEROO SA UNIT #041	Oil	Active	3 08S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		
30-005-10551	HALEY CHAVEROO SA UNIT #042	Injection	Active	3 08S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES		

Table 1a Oil and gas wells in OCD database within 2-miles

30-005-20559	PRE-ONGARD WELL #003	Oil	Cancelled APD		4 08S	33E	1	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20239	CHAMPLIN STATE #001	Oil	Plugged (Site Released)		4 08S	33E	2	KANEB PRODUCTION CO	[12049] CHAVEROO, SAN ANDRES
30-005-10405	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		4 08S	33E	3	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-10236	STATE I #001	Oil	Active		4 08S	33E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-29218	HALEY CHAVEROO SA UNIT #005H	Oil	New (Not Drilled/Completed)		4 08S	33E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-29218	HALEY CHAVEROO SA UNIT #005C	Oil	Cancelled APD		4 08S	33E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10439	STATE I #002	Oil	Active		4 08S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10449	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		4 08S	33E	F	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20212	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		4 08S	33E	G	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20560	PRE-ONGARD WELL #004	Oil	Plugged (Site Released)		4 08S	33E	H	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20246	PRE-ONGARD WELL #002	Oil	Cancelled APD		4 08S	33E	J	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20264	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		4 08S	33E	J	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20285	STATE I #003	Oil	Active		4 08S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20590	STATE I #004	Oil	Active		4 08S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20304	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		4 08S	33E	N	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-005-20284	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		4 08S	33E	O	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-20040	PRE-ONGARD WELL #005	Oil	Plugged (Site Released)		14 07S	33E	M	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-20025	PRE-ONGARD WELL #006	Oil	Plugged (Site Released)		14 07S	33E	N	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10658	PRE-ONGARD WELL #008	Oil	Plugged (Site Released)		14 07S	33E	O	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10657	PRE-ONGARD WELL #007	Oil	Plugged (Site Released)		14 07S	33E	P	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-20004	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		19 07S	34E	1	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10469	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		19 07S	34E	2	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10571	JENNIFER CHAVEROO SA UNIT #071	Oil	Active		19 07S	34E	3	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10575	JENNIFER CHAVEROO SA UNIT #014	Oil	Active		19 07S	34E	4	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10652	JENNIFER CHAVEROO SA UNIT #003	Oil	Active		19 07S	34E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10613	JENNIFER CHAVEROO SA UNIT #002	Oil	Active		19 07S	34E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10578	JENNIFER CHAVEROO SA UNIT #008	Oil	Active		19 07S	34E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10653	JENNIFER CHAVEROO SA UNIT #007	Oil	Active		19 07S	34E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10611	JENNIFER CHAVEROO SA UNIT #010	Oil	Active		19 07S	34E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10595	JENNIFER CHAVEROO SA UNIT #009	Oil	Active		19 07S	34E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10596	JENNIFER CHAVEROO SA UNIT #013	Oil	Active		19 07S	34E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10612	JENNIFER CHAVEROO SA UNIT #012	Oil	Active		19 07S	34E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20023	FEDERAL 21 A #001	Oil	Plugged (Site Released)		21 07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20673	FEDERAL 21 B #001	Oil	Plugged (Site Released)		21 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10516	FEDERAL 21 #004	Oil	Plugged (Site Released)		21 07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10513	FEDERAL 21 #001	Oil	Plugged (Site Released)		21 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10514	FEDERAL 21 #002	Oil	Plugged (Site Released)		21 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10515	FEDERAL 21 #003	Gas	Plugged (Site Released)		21 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1a Oil and gas wells in OCD database within 2-miles

30-041-10087	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		22/075	33E	H	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10648	MORGAN C FEDERAL #002	Oil	Active		22/075	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10647	MORGAN C FEDERAL #001	Oil	Active		22/075	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10543	TKL 22 FEDERAL #004	Oil	Plugged (Site Released)		22/075	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10544	TKL 22 FEDERAL #005	Oil	Plugged (Site Released)		22/075	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10542	TKL 22 FEDERAL #003	Oil	Plugged (Site Released)		22/075	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10541	TKL 22 FEDERAL #002	Oil	Plugged (Site Released)		22/075	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10609	MILFORD 22 FEDERAL #002	Oil	Plugged (Site Released)		22/075	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10608	MILFORD 22 FEDERAL #001	Oil	Plugged (Site Released)		22/075	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10538	FEDERAL 23 #012	Oil	Plugged (Site Released)		23/075	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10539	FEDERAL 23 #013	Oil	Plugged (Site Released)		23/075	33E	B	TKL OIL PROPERTIES INC	[12049] CHAVEROO, SAN ANDRES
									[12046] CHAVEROO SAN ANDRES (ROOSEVELT)**; [12049] CHAVEROO, SAN ANDRES; [96121] SWD, SAN ANDRES
30-041-10537	FEDERAL 23 #011	Oil	Plugged (Site Released)		23/075	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10536	FEDERAL 23 #010	Oil	Plugged (Site Released)		23/075	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10535	FEDERAL 23 #009	Oil	Plugged (Site Released)		23/075	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10534	FEDERAL 23 #008	Oil	Plugged (Site Released)		23/075	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10533	FEDERAL 23 #007	Oil	Plugged (Site Released)		23/075	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10531	FEDERAL 23 #005	Oil	Plugged (Site Released)		23/075	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10527	FEDERAL 23 #001	Oil	Plugged (Site Released)		23/075	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-00196	FEDERAL 23 #002	Oil	Plugged (Site Released)		23/075	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10529	FEDERAL 23 #003	Oil	Plugged (Site Released)		23/075	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10530	FEDERAL 23 #004	Oil	Plugged (Site Released)		23/075	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10512	FEDERAL 24 #008	Oil	Active		24/075	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10511	FEDERAL 24 #007	Oil	Active		24/075	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10510	FEDERAL 24 #006	Oil	Active		24/075	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10464	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		24/075	33E	D	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10429	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		24/075	33E	E	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10507	FEDERAL 24 #003	Oil	Plugged (Site Released)		24/075	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10509	FEDERAL 24 #005	Oil	Plugged (Site Released)		24/075	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10550	PRE-ONGARD WELL #003	Oil	Plugged (Site Released)		24/075	33E	I	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10506	FEDERAL 24 #002	Oil	Plugged (Site Released)		24/075	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10505	FEDERAL 24 #001	Oil	Plugged (Site Released)		24/075	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10428	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		24/075	33E	L	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10404	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		24/075	33E	M	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10427	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		24/075	33E	N	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10463	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		24/075	33E	O	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10551	PRE-ONGARD WELL #004	Oil	Plugged (Site Released)		24/075	33E	P	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES

Table 1a Oil and gas wells in OCD database within 2-miles

30-041-10569	JENNIFER CHAVEROO SA UNIT #018	Oil	Active		25	07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10490	JENNIFER CHAVEROO SA UNIT #017	Oil	Active		25	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10493	JENNIFER CHAVEROO SA UNIT #016	Oil	Active		25	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10439	JENNIFER CHAVEROO SA UNIT #015	Oil	Active		25	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10485	JENNIFER CHAVEROO SA UNIT #030	Oil	Active		25	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10552	JENNIFER CHAVEROO SA UNIT #029	Oil	Active		25	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10560	PRE-ONGARD WELL #002	Oil	Plugged (Site Released)		25	07S	33E	G	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10610	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		25	07S	33E	H	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10593	JENNIFER CHAVEROO SA UNIT #072	Injection	Active		25	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10590	JENNIFER CHAVEROO SA UNIT #036	Oil	Active		25	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10544	JENNIFER CHAVEROO SA UNIT #035	Oil	Active		25	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10547	PRE-ONGARD WELL #004	Oil	Plugged (Site Released)		25	07S	33E	L	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10553	JENNIFER CHAVEROO SA UNIT #042	Injection	Active		25	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20977	JENNIFER CHAVEROO SA UNIT #251H	Oil	Active		25	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20978	JENNIFER CHAVEROO SA UNIT #361H	Oil	Active		25	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10555	PRE-ONGARD WELL #008	Oil	Plugged (Site Released)		25	07S	33E	N	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10591	JENNIFER CHAVEROO SA UNIT #041	Oil	Active		25	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20005	JENNIFER CHAVEROO SA UNIT #040	Oil	Active		25	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10499	PRE-ONGARD WELL #003	Oil	Plugged (Site Released)		26	07S	33E	A	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10458	MORGAN B FEDERAL #006	Oil	Active		26	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10457	MORGAN B FEDERAL #005	Oil	Active		26	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10456	MORGAN B FEDERAL #004	Oil	Active		26	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10448	MORGAN B FEDERAL #001	Oil	Active		26	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10449	MORGAN B FEDERAL #002	Oil	Active		26	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10479	MORGAN B FEDERAL #003	Oil	Active		26	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10498	PRE-ONGARD WELL #004	Oil	Plugged (Site Released)		26	07S	33E	H	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10525	JENNIFER CHAVEROO SA UNIT #034	Oil	Active		26	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10523	JENNIFER CHAVEROO SA UNIT #033	Oil	Active		26	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10521	JENNIFER CHAVEROO SA UNIT #032	Oil	Active		26	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10520	JENNIFER CHAVEROO SA UNIT #031	Oil	Active		26	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10408	JENNIFER CHAVEROO SA UNIT #046	Oil	Active		26	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10522	JENNIFER CHAVEROO SA UNIT #045	Oil	Active		26	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10524	JENNIFER CHAVEROO SA UNIT #044	Oil	Active		26	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10526	JENNIFER CHAVEROO SA UNIT #043	Oil	Active		26	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1a Oil and gas wells in OCD database within 2-miles

30-041-10504	TKL 27 FEDERAL #003	Oil	Plugged (Site Released)	27 07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10540	TKL 22 FEDERAL #001	Oil	Plugged (Site Released)	27 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10650	CARD FEDERAL #004	Oil	Plugged (Site Released)	27 07S	33E	C	PERMIAN RESOURCES INC	[12049] CHAVEROO, SAN ANDRES
30-041-10622	CARD FEDERAL #002	Oil	Plugged (Site Released)	27 07S	33E	D	PERMIAN RESOURCES INC	[12049] CHAVEROO, SAN ANDRES
30-041-10649	CARD FEDERAL #003	Oil	Plugged (Site Released)	27 07S	33E	E	PERMIAN RESOURCES INC	[12049] CHAVEROO, SAN ANDRES
30-041-10616	CARD FEDERAL #001	Oil	Plugged (Site Released)	27 07S	33E	F	PERMIAN RESOURCES INC	[12049] CHAVEROO, SAN ANDRES
30-041-10503	TKL 27 FEDERAL #002	Oil	Plugged (Site Released)	27 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10502	TKL 27 FEDERAL #001	Oil	Plugged (Site Released)	27 07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10417	MORGAN A FEDERAL #006	Oil	Active	27 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10416	MORGAN A FEDERAL #005	Oil	Active	27 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10415	MORGAN A FEDERAL #004	Oil	Active	27 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10430	FEDERAL #002	Oil	Plugged (Site Released)	27 07S	33E	L	MILFORD OIL CO	[12049] CHAVEROO, SAN ANDRES
30-041-10234	FEDERAL #001	Oil	Plugged (Site Released)	27 07S	33E	M	MILFORD OIL CO	[12049] CHAVEROO, SAN ANDRES
30-041-10419	MORGAN A FEDERAL #001	Gas	Active	27 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10420	MORGAN A FEDERAL #002	Oil	Active	27 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10445	MORGAN A FEDERAL #003	Gas	Active	27 07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10434	FARRELL FEDERAL #016	Oil	Plugged (Site Released)	28 07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20693	FARRELL FEDERAL #017	Oil	Plugged (Site Released)	28 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10433	FARRELL FEDERAL #015	Oil	Plugged (Site Released)	28 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20694	FARRELL FEDERAL #018	Oil	Plugged (Site Released)	28 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10432	FARRELL FEDERAL #014	Oil	Plugged (Site Released)	28 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20695	FARRELL FEDERAL #019	Oil	Cancelled APD	28 07S	33E	C	CHAVEROO OPERATING CO INC	
30-041-10431	FARRELL FEDERAL #013	Oil	Plugged (Site Released)	28 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10440	FARRELL FEDERAL #008	Oil	Plugged (Site Released)	28 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20696	FARRELL FEDERAL #020	Oil	Active	28 07S	33E	F	ORBIT PETROLEUM, INC.	[96121] SWD, SAN ANDRES
30-041-10446	FARRELL FEDERAL #010	Salt Water	Plugged (Site Released)	28 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10460	FARRELL FEDERAL #012	Oil	Active	28 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10459	FARRELL FEDERAL #011	Oil	Active	28 07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10441	FARRELL FEDERAL #009	Oil	Active	28 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20689	FARRELL FEDERAL #021	Oil	Active	28 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10423	FARRELL FEDERAL #007	Oil	Active	28 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10240	FARRELL FEDERAL #005	Oil	Active	28 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20697	FARRELL FEDERAL #022	Oil	Cancelled APD	28 07S	33E	K	CHAVEROO OPERATING CO INC	
30-041-10212	FARRELL FEDERAL #002	Oil	Active	28 07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10125	FARRELL FEDERAL #001	Oil	Active	28 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20698	FARRELL FEDERAL #023	Oil	Active	28 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10252	FARRELL FEDERAL #003	Oil	Active	28 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20699	FARRELL FEDERAL #024	Oil	Active	28 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10253	FARRELL FEDERAL #004	Oil	Active	28 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20690	FARRELL FEDERAL #025	Oil	Cancelled APD	28 07S	33E	O	CHAVEROO OPERATING CO INC	
30-041-10411	FARRELL FEDERAL #006	Oil	Active	28 07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10607	JENNIFER CHAVEROO SA UNIT #019	Oil	Active	30 07S	34E	1	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10617	JENNIFER CHAVEROO SA UNIT #028	Oil	Active	30 07S	34E	2	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10635	JENNIFER CHAVEROO SA UNIT #037	Oil	Active	30 07S	34E	3	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10636	JENNIFER CHAVEROO SA UNIT #021	Oil	Active	30 07S	34E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10614	JENNIFER CHAVEROO SA UNIT #020	Oil	Active	30 07S	34E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10624	JENNIFER CHAVEROO SA UNIT #027	Oil	Active	30 07S	34E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10634	JENNIFER CHAVEROO SA UNIT #026	Oil	Active	30 07S	34E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10661	JENNIFER CHAVEROO SA UNIT #039	Oil	Active	30 07S	34E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10640	JENNIFER CHAVEROO SA UNIT #038	Oil	Active	30 07S	34E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1a Oil and gas wells in OCD database within 2-miles

30-041-10141	HALEY CHAVEROO SA UNIT #004	Oil	Active		33	07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10144	HALEY CHAVEROO SA UNIT #003	Injection	Expired TA		33	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10172	HALEY CHAVEROO SA UNIT #002	Oil	Active		33	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10174	HALEY CHAVEROO SA UNIT #001	Injection	Active		33	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES; [96121] SW
30-041-10170	HALEY CHAVEROO SA UNIT #015	Oil	Active		33	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10137	HALEY CHAVEROO SA UNIT #014	Injection	Active		33	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10143	HALEY CHAVEROO SA UNIT #013	Oil	Active		33	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10140	HALEY CHAVEROO SA UNIT #012H	Oil	Active		33	07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10175	HALEY CHAVEROO SA UNIT #019	Oil	Active		33	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10138	HALEY CHAVEROO SA UNIT #018	Injection	Active		33	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10171	HALEY CHAVEROO SA UNIT #017	Oil	Active		33	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10146	HALEY CHAVEROO SA UNIT #016	Injection	Expired TA		33	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10164	HALEY CHAVEROO SA UNIT #025	Injection	Active		33	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10139	HALEY CHAVEROO SA UNIT #026	Oil	Active		33	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10424	HALEY CHAVEROO SA UNIT #027	Injection	Active		33	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10244	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		34	07S	33E	A	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10243	HALEY CHAVEROO SA UNIT #007	Injection	Active		34	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10215	PRE-ONGARD WELL #011	Oil	Plugged (Site Released)		34	07S	33E	C	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10242	HALEY CHAVEROO SA UNIT #006	Oil	Active		34	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10218	HALEY CHAVEROO SA UNIT #005	Injection	Active		34	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10176	HALEY CHAVEROO SA UNIT #011	Oil	Active		34	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10165	HALEY CHAVEROO SA UNIT #010	Oil	Active		34	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10142	HALEY CHAVEROO SA UNIT #009	Oil	Active		34	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10413	HALEY CHAVEROO SA UNIT #008	Injection	Expired TA		34	07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10254	HALEY CHAVEROO SA UNIT #023	Oil	Active		34	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10232	HALEY CHAVEROO SA UNIT #022	Injection	Expired TA		34	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10214	HALEY CHAVEROO SA UNIT #021	Oil	Active		34	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10213	HALEY CHAVEROO SA UNIT #012	Injection	Expired TA		34	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10495	HALEY CHAVEROO SA UNIT #028	Oil	Active		34	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10450	HALEY CHAVEROO SA UNIT #029	Injection	Active		34	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20986	HALEY CHAVEROO SA UNIT #301H	Oil	New (Not Drilled/Completed)		34	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20987	HALEY CHAVEROO SA UNIT #303H	Oil	New (Not Drilled/Completed)		34	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10480	HALEY CHAVEROO SA UNIT #030	Oil	Active		34	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10421	HALEY CHAVEROO SA UNIT #031	Injection	Active		34	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10496	JENNIFER CHAVEROO SA UNIT #050	Oil	Active		35	07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10467	JENNIFER CHAVEROO SA UNIT #049	Oil	Active		35	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10489	JENNIFER CHAVEROO SA UNIT #048	Oil	Active		35	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20333	PRE-ONGARD WELL #001	Oil	Plugged (Site Released)		35	07S	33E	C	PRE-ONGARD WELL OPERATOR	[12049] CHAVEROO, SAN ANDRES
30-041-10545	JENNIFER CHAVEROO SA UNIT #047	Oil	Active		35	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10405	JENNIFER CHAVEROO SA UNIT #073	Oil	Active		35	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10477	JENNIFER CHAVEROO SA UNIT #058	Oil	Active		35	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10488	JENNIFER CHAVEROO SA UNIT #057	Oil	Active		35	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10556	JENNIFER CHAVEROO SA UNIT #056	Oil	Active		35	07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10478	JENNIFER CHAVEROO SA UNIT #063	Oil	Active		35	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10468	JENNIFER CHAVEROO SA UNIT #062	Oil	Active		35	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10409	JENNIFER CHAVEROO SA UNIT #061	Oil	Active		35	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10425	JENNIFER CHAVEROO SA UNIT #060	Oil	Active		35	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10451	JENNIFER CHAVEROO SA UNIT #070	Oil	Active		35	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10494	JENNIFER CHAVEROO SA UNIT #069	Oil	Active		35	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10557	JENNIFER CHAVEROO SA UNIT #068	Oil	Active		35	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10568	JENNIFER CHAVEROO SA UNIT #067	Oil	Active		35	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1a Oil and gas wells in OCD database within 2-miles

30-041-20101	PRE-ONGARD WELL #002	Oil	Cancelled APD		36 07S	33E	A	PRE-ONGARD WELL OPERATOR	[12046] CHAVEROO SAN ANDRES (ROOSEVELT)
30-041-10594	STATE SEC 36 #001	Oil	Plugged (Site Released)		36 07S	33E	B	MARATHON OIL CO	[12049] CHAVEROO, SAN ANDRES
30-041-10581	JENNIFER CHAVEROO SA UNIT #052	Oil	Active		36 07S	33E	C	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10558	JENNIFER CHAVEROO SA UNIT #051	Oil	Active		36 07S	33E	D	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10570	JENNIFER CHAVEROO SA UNIT #055	Oil	Active		36 07S	33E	E	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10627	JENNIFER CHAVEROO SA UNIT #054	Oil	Active		36 07S	33E	F	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20100	JENNIFER CHAVEROO SA UNIT #053	Injection	Active		36 07S	33E	G	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20102	PRE-ONGARD WELL #003	Oil	Cancelled APD		36 07S	33E	H	PRE-ONGARD WELL OPERATOR	
30-041-20103	PRE-ONGARD WELL #004	Oil	Cancelled APD		36 07S	33E	I	PRE-ONGARD WELL OPERATOR	
30-041-20044	JENNIFER CHAVEROO SA UNIT #065	Oil	Active		36 07S	33E	K	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10625	JENNIFER CHAVEROO SA UNIT #064	Oil	Active		36 07S	33E	L	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10626	JENNIFER CHAVEROO SA UNIT #066	Oil	Active		36 07S	33E	M	RIDGWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1b ACTIVE Oil and gas wells in OCD database within 2-miles

API	wellname	Well Type	Well Status	section	township	range	unit	Ogrd_name	Pool_id_list
30-005-10478	KM CHAVEROO SA UNIT #035	Salt Water	Active	1 08S	33E	3		DUGAN PRODUCTION CORP	[96121] SWD, SAN ANDRES
30-005-10509	KM CHAVEROO SA UNIT #049	Oil	Active	1 08S	33E	E		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10459	KM CHAVEROO SA UNIT #032	Oil	Active	2 08S	33E	1		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10447	KM CHAVEROO SA UNIT #012	Oil	Active	2 08S	33E	3		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-29220	KM CHAVEROO SAN ANDRES UNIT #202H	Oil	New (Not Drilled/Completed)	2 08S	33E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10485	KM CHAVEROO SA UNIT #021	Oil	Active	2 08S	33E	G		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10510	KM CHAVEROO SA UNIT #018	Oil	Active	2 08S	33E	I		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10497	KM CHAVEROO SA UNIT #016	Oil	Active	2 08S	33E	K		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10529	KM CHAVEROO SA UNIT #111	Oil	Active	2 08S	33E	M		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10524	KM CHAVEROO SA UNIT #110	Injection	Active	2 08S	33E	N		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10530	KM CHAVEROO SA UNIT #112	Oil	Active	2 08S	33E	O		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10531	KM CHAVEROO SA UNIT #113	Injection	Active	2 08S	33E	P		DUGAN PRODUCTION CORP	[12049] CHAVEROO, SAN ANDRES
30-005-10433	HALEY CHAVEROO SA UNIT #032	Oil	Active	3 08S	33E	1		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10440	HALEY CHAVEROO SA UNIT #033	Injection	Active	3 08S	33E	2		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10448	HALEY CHAVEROO SA UNIT #034	Oil	Active	3 08S	33E	3		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-29219	HALEY SAU #001C	Oil	Cancelled APD	3 08S	33E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10490	HALEY CHAVEROO SA UNIT #035	Injection	Active	3 08S	33E	F		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10486	HALEY CHAVEROO SA UNIT #036	Oil	Active	3 08S	33E	G		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10467	HALEY CHAVEROO SA UNIT #037	Oil	Active	3 08S	33E	H		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20052	HALEY CHAVEROO SA UNIT #038	Oil	Active	3 08S	33E	I		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10541	HALEY CHAVEROO SA UNIT #039	Oil	Active	3 08S	33E	J		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20792	HALEY CHAVEROO SA UNIT #040	Oil	Active	3 08S	33E	K		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20026	HALEY CHAVEROO SA UNIT #041	Oil	Active	3 08S	33E	O		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10551	HALEY CHAVEROO SA UNIT #042	Injection	Active	3 08S	33E	P		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20559	PRE-ONGARD WELL #003	Oil	Cancelled APD	4 08S	33E	1		PRE-ONGARD WELL OPERATOR	
30-005-10236	STATE I #001	Oil	Active	4 08S	33E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-29218	HALEY CHAVEROO SA UNIT #005C	Oil	Cancelled APD	4 08S	33E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-29218	HALEY CHAVEROO SA UNIT #005H	Oil	New (Not Drilled/Completed)	4 08S	33E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-10439	STATE I #002	Oil	Active	4 08S	33E	E		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20246	PRE-ONGARD WELL #002	Oil	Cancelled APD	4 08S	33E	J		PRE-ONGARD WELL OPERATOR	
30-005-20285	STATE I #003	Oil	Active	4 08S	33E	K		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-005-20590	STATE I #004	Oil	Active	4 08S	33E	L		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10571	JENNIFER CHAVEROO SA UNIT #071	Oil	Active	19 07S	34E	3		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10575	JENNIFER CHAVEROO SA UNIT #014	Oil	Active	19 07S	34E	4		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10652	JENNIFER CHAVEROO SA UNIT #003	Oil	Active	19 07S	34E	A		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10613	JENNIFER CHAVEROO SA UNIT #002	Oil	Active	19 07S	34E	B		RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1b ACTIVE Oil and gas wells in OCD database within 2-miles

30-041-10578	JENNIFER CHAVEROO SA UNIT #008	Oil	Active		19 07S	34E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10653	JENNIFER CHAVEROO SA UNIT #007	Oil	Active		19 07S	34E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10611	JENNIFER CHAVEROO SA UNIT #010	Oil	Active		19 07S	34E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10595	JENNIFER CHAVEROO SA UNIT #009	Oil	Active		19 07S	34E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10596	JENNIFER CHAVEROO SA UNIT #013	Oil	Active		19 07S	34E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10612	JENNIFER CHAVEROO SA UNIT #012	Oil	Active		19 07S	34E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10648	MORGAN C FEDERAL #002	Oil	Active		22 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10647	MORGAN C FEDERAL #001	Oil	Active		22 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10512	FEDERAL 24 #008	Oil	Active		24 07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10511	FEDERAL 24 #007	Oil	Active		24 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10510	FEDERAL 24 #006	Oil	Active		24 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10569	JENNIFER CHAVEROO SA UNIT #018	Oil	Active		25 07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10490	JENNIFER CHAVEROO SA UNIT #017	Oil	Active		25 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10493	JENNIFER CHAVEROO SA UNIT #016	Oil	Active		25 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10439	JENNIFER CHAVEROO SA UNIT #015	Oil	Active		25 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10485	JENNIFER CHAVEROO SA UNIT #030	Oil	Active		25 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10552	JENNIFER CHAVEROO SA UNIT #029	Oil	Active		25 07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10593	JENNIFER CHAVEROO SA UNIT #072	Injection	Active		25 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10590	JENNIFER CHAVEROO SA UNIT #036	Oil	Active		25 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10554	JENNIFER CHAVEROO SA UNIT #035	Oil	Active		25 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10553	JENNIFER CHAVEROO SA UNIT #042	Injection	Active		25 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20977	JENNIFER CHAVEROO SA UNIT #251H	Oil	Active		25 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20978	JENNIFER CHAVEROO SA UNIT #361H	Oil	Active		25 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10591	JENNIFER CHAVEROO SA UNIT #041	Oil	Active		25 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20005	JENNIFER CHAVEROO SA UNIT #040	Oil	Active		25 07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10458	MORGAN B FEDERAL #006	Oil	Active		26 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10457	MORGAN B FEDERAL #005	Oil	Active		26 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10456	MORGAN B FEDERAL #004	Oil	Active		26 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10448	MORGAN B FEDERAL #001	Oil	Active		26 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10449	MORGAN B FEDERAL #002	Oil	Active		26 07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10479	MORGAN B FEDERAL #003	Oil	Active		26 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10525	JENNIFER CHAVEROO SA UNIT #034	Oil	Active		26 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10523	JENNIFER CHAVEROO SA UNIT #033	Oil	Active		26 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10521	JENNIFER CHAVEROO SA UNIT #032	Oil	Active		26 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10520	JENNIFER CHAVEROO SA UNIT #031	Oil	Active		26 07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10408	JENNIFER CHAVEROO SA UNIT #046	Oil	Active		26 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10522	JENNIFER CHAVEROO SA UNIT #045	Oil	Active		26 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10524	JENNIFER CHAVEROO SA UNIT #044	Oil	Active		26 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1b ACTIVE Oil and gas wells in OCD database within 2-miles

30-041-10526	JENNIFER CHAVEROO SA UNIT #043	Oil	Active		26	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10417	MORGAN A FEDERAL #006	Oil	Active		27	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10416	MORGAN A FEDERAL #005	Oil	Active		27	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10415	MORGAN A FEDERAL #004	Oil	Active		27	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10419	MORGAN A FEDERAL #001	Gas	Active		27	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10420	MORGAN A FEDERAL #002	Oil	Active		27	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10445	MORGAN A FEDERAL #003	Gas	Active		27	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20695	FARRELL FEDERAL #019	Oil	Cancelled APD		28	07S	33E	C	CHAVEROO OPERATING CO INC	[12049] CHAVEROO, SAN ANDRES
30-041-20696	FARRELL FEDERAL #020	Oil	Active		28	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10460	FARRELL FEDERAL #012	Oil	Active		28	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10459	FARRELL FEDERAL #011	Oil	Active		28	07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10441	FARRELL FEDERAL #009	Oil	Active		28	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20689	FARRELL FEDERAL #021	Oil	Active		28	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10423	FARRELL FEDERAL #007	Oil	Active		28	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10240	FARRELL FEDERAL #005	Oil	Active		28	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20697	FARRELL FEDERAL #022	Oil	Cancelled APD		28	07S	33E	K	CHAVEROO OPERATING CO INC	[12049] CHAVEROO, SAN ANDRES
30-041-10212	FARRELL FEDERAL #002	Oil	Active		28	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10125	FARRELL FEDERAL #001	Oil	Active		28	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20698	FARRELL FEDERAL #023	Oil	Active		28	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10252	FARRELL FEDERAL #003	Oil	Active		28	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20699	FARRELL FEDERAL #024	Oil	Active		28	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10253	FARRELL FEDERAL #004	Oil	Active		28	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20690	FARRELL FEDERAL #025	Oil	Cancelled APD		28	07S	33E	O	CHAVEROO OPERATING CO INC	[12049] CHAVEROO, SAN ANDRES
30-041-10411	FARRELL FEDERAL #006	Oil	Active		28	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10607	JENNIFER CHAVEROO SA UNIT #019	Oil	Active		30	07S	34E		1 RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10635	JENNIFER CHAVEROO SA UNIT #037	Oil	Active		30	07S	34E		2 RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10636	JENNIFER CHAVEROO SA UNIT #021	Oil	Active		30	07S	34E		3 RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10614	JENNIFER CHAVEROO SA UNIT #020	Oil	Active		30	07S	34E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10624	JENNIFER CHAVEROO SA UNIT #027	Oil	Active		30	07S	34E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10634	JENNIFER CHAVEROO SA UNIT #026	Oil	Active		30	07S	34E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10661	JENNIFER CHAVEROO SA UNIT #039	Oil	Active		30	07S	34E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10640	JENNIFER CHAVEROO SA UNIT #038	Oil	Active		30	07S	34E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10141	HALEY CHAVEROO SA UNIT #004	Oil	Active		33	07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10144	HALEY CHAVEROO SA UNIT #003	Injection	Expired TA		33	07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10172	HALEY CHAVEROO SA UNIT #002	Oil	Active		33	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1b ACTIVE Oil and gas wells in OCD database within 2-miles

30-041-10174	HALEY CHAVEROO SA UNIT #001	Injection	Active		33 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES; [96121] SWI
30-041-10170	HALEY CHAVEROO SA UNIT #015	Oil	Active		33 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10137	HALEY CHAVEROO SA UNIT #014	Injection	Active		33 07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10143	HALEY CHAVEROO SA UNIT #013	Oil	Active		33 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10140	HALEY CHAVEROO SA UNIT #012H	Oil	Active		33 07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10175	HALEY CHAVEROO SA UNIT #019	Oil	Active		33 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10138	HALEY CHAVEROO SA UNIT #018	Injection	Active		33 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10171	HALEY CHAVEROO SA UNIT #017	Oil	Active		33 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10146	HALEY CHAVEROO SA UNIT #016	Injection	Expired TA		33 07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10164	HALEY CHAVEROO SA UNIT #025	Injection	Active		33 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10139	HALEY CHAVEROO SA UNIT #026	Oil	Active		33 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10424	HALEY CHAVEROO SA UNIT #027	Injection	Active		33 07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10243	HALEY CHAVEROO SA UNIT #007	Injection	Active		34 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10242	HALEY CHAVEROO SA UNIT #006	Oil	Active		34 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10218	HALEY CHAVEROO SA UNIT #005	Injection	Active		34 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10176	HALEY CHAVEROO SA UNIT #011	Oil	Active		34 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10165	HALEY CHAVEROO SA UNIT #010	Oil	Active		34 07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10142	HALEY CHAVEROO SA UNIT #009	Oil	Active		34 07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10413	HALEY CHAVEROO SA UNIT #008	Injection	Expired TA		34 07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10254	HALEY CHAVEROO SA UNIT #023	Oil	Active		34 07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10232	HALEY CHAVEROO SA UNIT #022	Injection	Expired TA		34 07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10214	HALEY CHAVEROO SA UNIT #021	Oil	Active		34 07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10213	HALEY CHAVEROO SA UNIT #012	Injection	Expired TA		34 07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10495	HALEY CHAVEROO SA UNIT #028	Oil	Active		34 07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10450	HALEY CHAVEROO SA UNIT #029	Injection	Active		34 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20986	HALEY CHAVEROO SA UNIT #301H	Oil	New (Not Drilled/Completed)		34 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20987	HALEY CHAVEROO SA UNIT #303H	Oil	New (Not Drilled/Completed)		34 07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10480	HALEY CHAVEROO SA UNIT #030	Oil	Active		34 07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10421	HALEY CHAVEROO SA UNIT #031	Injection	Active		34 07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10496	JENNIFER CHAVEROO SA UNIT #050	Oil	Active		35 07S	33E	A	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10467	JENNIFER CHAVEROO SA UNIT #049	Oil	Active		35 07S	33E	B	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10489	JENNIFER CHAVEROO SA UNIT #048	Oil	Active		35 07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10545	JENNIFER CHAVEROO SA UNIT #047	Oil	Active		35 07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10405	JENNIFER CHAVEROO SA UNIT #073	Oil	Active		35 07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 1b ACTIVE Oil and gas wells in OCD database within 2-miles

30-041-10477	JENNIFER CHAVEROO SA UNIT #058	Oil	Active		35	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10488	JENNIFER CHAVEROO SA UNIT #057	Oil	Active		35	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10556	JENNIFER CHAVEROO SA UNIT #056	Oil	Active		35	07S	33E	H	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10478	JENNIFER CHAVEROO SA UNIT #063	Oil	Active		35	07S	33E	I	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10468	JENNIFER CHAVEROO SA UNIT #062	Oil	Active		35	07S	33E	J	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10409	JENNIFER CHAVEROO SA UNIT #061	Oil	Active		35	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10425	JENNIFER CHAVEROO SA UNIT #060	Oil	Active		35	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10451	JENNIFER CHAVEROO SA UNIT #070	Oil	Active		35	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10494	JENNIFER CHAVEROO SA UNIT #069	Oil	Active		35	07S	33E	N	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10557	JENNIFER CHAVEROO SA UNIT #068	Oil	Active		35	07S	33E	O	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10568	JENNIFER CHAVEROO SA UNIT #067	Oil	Active		35	07S	33E	P	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20101	PRE-ONGARD WELL #002	Oil	Cancelled APD		36	07S	33E	A	PRE-ONGARD WELL OPERATOR	
30-041-10581	JENNIFER CHAVEROO SA UNIT #052	Oil	Active		36	07S	33E	C	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10558	JENNIFER CHAVEROO SA UNIT #051	Oil	Active		36	07S	33E	D	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10570	JENNIFER CHAVEROO SA UNIT #055	Oil	Active		36	07S	33E	E	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10627	JENNIFER CHAVEROO SA UNIT #054	Oil	Active		36	07S	33E	F	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20100	JENNIFER CHAVEROO SA UNIT #053	Injection	Active		36	07S	33E	G	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-20102	PRE-ONGARD WELL #003	Oil	Cancelled APD		36	07S	33E	H	PRE-ONGARD WELL OPERATOR	
30-041-20103	PRE-ONGARD WELL #004	Oil	Cancelled APD		36	07S	33E	I	PRE-ONGARD WELL OPERATOR	
30-041-20044	JENNIFER CHAVEROO SA UNIT #065	Oil	Active		36	07S	33E	K	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10625	JENNIFER CHAVEROO SA UNIT #064	Oil	Active		36	07S	33E	L	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES
30-041-10626	JENNIFER CHAVEROO SA UNIT #066	Oil	Active		36	07S	33E	M	RIDGEWAY ARIZONA OIL CORP.	[12049] CHAVEROO, SAN ANDRES

Table 2 Data on Oil and Gas Leases, Mineral Ownership and Surface Ownership

Township	Range	Section	Unit Letter	Lease Number	Lessee (O&G Minerals)	Lessor (O&G Minerals)	Surface Owner	UPC
7S	33E	26	A	UNLEASED - BLM	N/A	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	B	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	C	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	D	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	E	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	F	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	G	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	H	UNLEASED - BLM	N/A	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	I	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	J	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	K	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	L	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	M	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	N	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	O	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	26	P	NMNM 0108997B	DEVON ENERGY PROD CO LP	BLM (U.S.)	SHANNON KIZER	400000000726700
7S	33E	27	A	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	B	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	C	UNLEASED - BLM	N/A	BLM (U.S.)	NM STATE GAME COMMISSION	400001000322110
7S	33E	27	E	UNLEASED - BLM	N/A	BLM (U.S.)	NM STATE GAME COMMISSION	400001000322110
7S	33E	27	F	UNLEASED - BLM	N/A	BLM (U.S.)	NM STATE GAME COMMISSION	400001000322110
7S	33E	27	G	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	H	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	I	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	J	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	K	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	L	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	M	UNLEASED - BLM	N/A	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	N	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	O	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528
7S	33E	27	P	NMNM 0558287	OCCIDENTAL PERMIAN	BLM (U.S.)	US DEPT OF THE INTERIOR	400000000184528

Table 2 Data on Oil and Gas Leases, Mineral Ownership and Surface Ownership

7S	33E	34	A	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	B	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	C	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	D	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	E	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	F	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	G	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	H	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	I	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	J	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	K	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	O	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	34	P	KO-3935-0001	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	35	A	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400001000188371
7S	33E	35	B	KO-4058-0003	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	C	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	D	VO-2821-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	E	OG-1191-0029	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	F	OG-0929-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	G	OG-0929-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	H	OG-0929-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	I	KO-4058-0003	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	J	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	K	KO-4058-0003	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	L	OG-0929-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	M	OG-0929-0005	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	N	OG-1191-0023	KERR MCGEE ONSHORE	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	35	O	KO-1369-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970042
7S	33E	36	D	KO-26721-0001	JAMES D FINLEY	STATE	NM STATE TRUST LANDS	400000000970043
7S	33E	36	E	KO-26721-0001	JAMES D FINLEY	STATE	NM STATE TRUST LANDS	400000000970043
7S	33E	25	L	KO-1276-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970041
7S	33E	25	M	KO-1276-0007	PACIFIC ENERGY DEVEL CORP	STATE	NM STATE TRUST LANDS	400000000970041
7S	33E	23	M	UNLEASED - BLM	N/A	BLM (U.S.)	SHANNON KIZER	400000000726800
7S	33E	23	N	UNLEASED - BLM	N/A	BLM (U.S.)	SHANNON KIZER	400000000726800
7S	33E	22	P	UNLEASED - BLM	N/A	BLM (U.S.)	SHANNON KIZER	400000000726500

DownHole SAT™ Water Analysis Report



SYSTEM IDENTIFICATION

Ridgeway
Jennifer 361 WH

Sample ID#: 0
ID:

Sample Date: 05-17-2019 at 1553
Report Date: 05-20-2019

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	10998
Magnesium(as Mg)	4811
Barium(as Ba)	0.100
Strontium(as Sr)	302.00
Sodium(as Na)	15454
Potassium(as K)	1708
Lithium(as Li)	25.00
Iron(as Fe)	4.10

ANIONS

Chloride(as Cl)	57773
Sulfate(as SO ₄)	1255
Dissolved CO ₂ (as CO ₂)	350.00
Bicarbonate(as HCO ₃)	488.00
H ₂ S (as H ₂ S)	34.00

PARAMETERS

Temperature(°F)	77.00
Sample pH	5.70
Conductivity	118433
T.D.S.	92351
Resistivity	8.44
Sp.Gr.(g/mL)	1.07

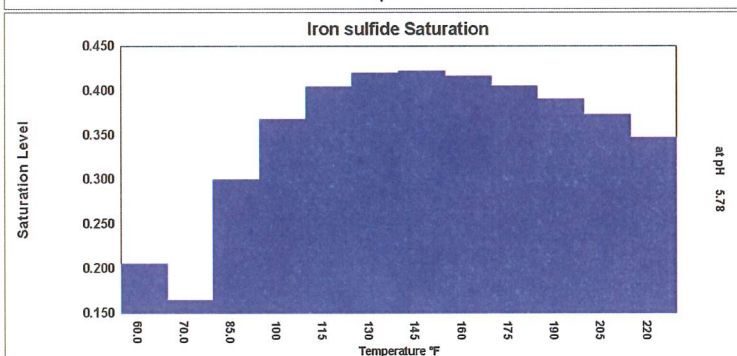
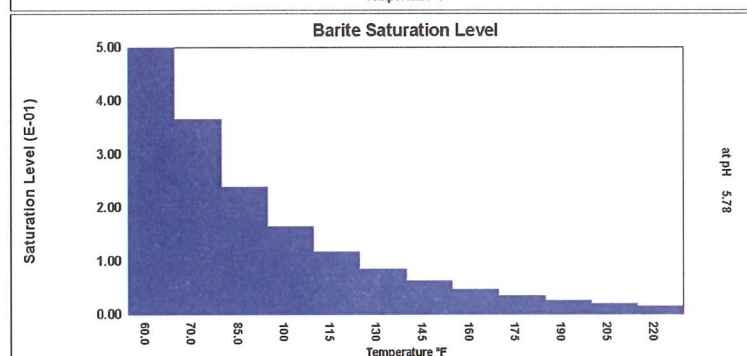
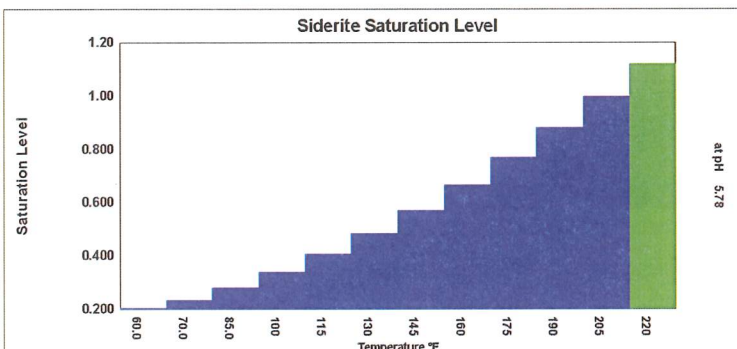
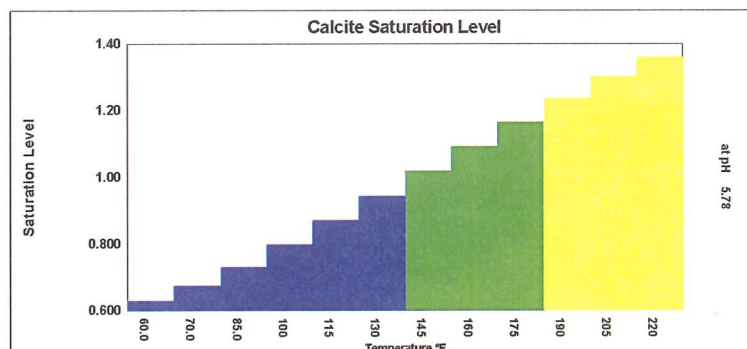
Manganese(as Mn) 0.400

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (psig)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackawenite FeS		CO ₂ (mpy)	pCO ₂ (atm)
60.00	0.00	0.629	-0.00509	0.658	-77.15	1.05	8.49	0.499	-0.0594	0.767	-30.11	0.203	-0.0387	0.206	-0.724	0.424	0.166
70.00	0.30	0.674	-0.00414	0.622	-85.46	0.964	-6.12	0.366	-0.103	0.712	-38.11	0.234	-0.0320	0.164	-0.854	0.772	0.169
85.00	23.80	0.730	-0.00309	0.594	-88.81	0.852	-25.60	0.239	-0.189	0.659	-45.86	0.281	-0.0244	0.300	-0.603	1.88	0.434
100.00	47.30	0.796	-0.00213	0.595	-82.09	0.769	-41.19	0.164	-0.301	0.626	-49.96	0.339	-0.0186	0.368	-0.496	3.24	0.699
115.00	70.80	0.869	-0.00127	0.621	-68.32	0.777	-36.55	0.117	-0.445	0.601	-52.64	0.407	-0.0140	0.404	-0.442	4.08	0.964
130.00	94.30	0.943	>-0.001	0.675	-50.55	0.804	-28.99	0.0846	-0.638	0.576	-55.58	0.484	-0.0104	0.419	-0.419	4.53	1.23
145.00	117.80	1.02	< 0.001	0.759	-31.35	0.827	-23.45	0.0618	-0.894	0.549	-58.78	0.570	-0.00745	0.422	-0.414	4.78	1.49
160.00	141.30	1.09	< 0.001	0.881	-12.66	0.845	-19.42	0.0456	-1.23	0.523	-62.24	0.665	-0.00508	0.416	-0.419	4.78	1.76
175.00	164.80	1.16	0.00126	1.05	4.28	0.858	-16.54	0.0340	-1.67	0.497	-65.94	0.768	-0.00311	0.405	-0.430	4.68	2.02
190.00	188.30	1.23	0.00174	1.29	18.80	0.867	-14.57	0.0256	-2.22	0.471	-69.93	0.879	-0.00146	0.390	-0.448	2.02	2.29
205.00	211.80	1.30	0.00217	1.61	30.76	0.873	-13.28	0.0194	-2.93	0.446	-74.21	0.997	>-0.001	0.373	-0.469	0.828	2.55
220.00	235.30	1.36	0.00263	2.06	41.20	0.871	-13.45	0.0148	-3.85	0.420	-80.75	1.12	0.00124	0.347	-0.503	0.00	2.82
		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per			
		xSAT		xSAT		xSAT		xSAT		xSAT		xSAT		xSAT			
		1000		1000		1000		1000		1000		1000		1000			
		Barrels		Barrels		Barrels		Barrels		Barrels		Barrels		Barrels			

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase.

Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.





DownHole SAT(tm)

SURFACE WATER CHEMISTRY INPUT

Ridgeway

Jennifer 361 WH

Report Date: 05-20-2019

Sampled: 05-17-2019 at 1553

Sample ID:

CATIONS

Calcium (as Ca)	10998
Magnesium (as Mg)	4811
Barium (as Ba)	0.100
Strontium (as Sr)	302.00
Sodium (as Na)	15454
Potassium (as K)	1708
Lithium (as Li)	25.00
Iron (as Fe)	4.10
Manganese (as Mn)	0.400

ANIONS

Chloride (as Cl)	57773
Sulfate (as SO ₄)	1255
Dissolved CO ₂ (as CO ₂)	350.00
Bicarbonate (as HCO ₃)	488.00
H ₂ S (as H ₂ S)	34.00

PARAMETERS

Calculated T.D.S.	92351
Molar Conductivity	118433
Resistivity	8.44
Sp.Gr.(g/mL)	1.07
Pressure(psia)	15.00
Temperature (°F)	77.00
pH	5.70

CORROSION RATE PREDICTION

CO ₂ - H ₂ S Rate(mpy)	0.940
--	-------

FRENCH CREEK SOFTWARE, INC.
1220 VALLEY FORGE ROAD, SUITE 21, VALLEY FORGE, PA 19460



DownHole SAT(tm)

SURFACE WATER DEPOSITION POTENTIAL INDICATORS

Ridgeway

Jennifer 361 WH

Report Date: 05-20-2019

Sampled: 05-17-2019 at 1553

Sample ID:

SATURATION LEVEL

Calcite (CaCO ₃)	0.661
Aragonite (CaCO ₃)	0.611
Witherite (BaCO ₃)	< 0.001
Strontianite (SrCO ₃)	0.0318
Calcium oxalate (CaC ₂ O ₄)	0.00
Magnesite (MgCO ₃)	0.294
Anhydrite (CaSO ₄)	0.606
Gypsum (CaSO ₄ *2H ₂ O)	0.909
Barite (BaSO ₄)	0.298
Celestite (SrSO ₄)	0.684
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	0.240
Halite (NaCl)	0.0134
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	0.149

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO ₃)	-0.00408
Aragonite (CaCO ₃)	-0.00506
Witherite (BaCO ₃)	-25.13
Strontianite (SrCO ₃)	-0.357
Calcium oxalate (CaC ₂ O ₄)	-0.00615
Magnesite (MgCO ₃)	-0.0161
Anhydrite (CaSO ₄)	-88.02
Gypsum (CaSO ₄ *2H ₂ O)	-15.39
Barite (BaSO ₄)	-0.140
Celestite (SrSO ₄)	-42.17
Fluorite (CaF ₂)	-2.63
Calcium phosphate	>-0.001
Hydroxyapatite	-351.40
Silica (SiO ₂)	-37.06
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	-103.65
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	-0.0288
Halite (NaCl)	-158616
Thenardite (Na ₂ SO ₄)	-80465
Iron sulfide (FeS)	-0.921

SIMPLE INDICES

Langelier	0.344
Ryznar	5.01
Puckorius	2.45
Larson-Skold Index	221.86
Stiff Davis Index	-0.297
Oddo-Tomson	-0.742

BOUND IONS

BOUND IONS	TOTAL	FREE
Calcium	10998	10694
Barium	0.100	0.100
Carbonate	0.539	0.0137
Phosphate	0.00	0.00
Sulfate	1255	278.72

OPERATING CONDITIONS

Temperature (°F)	77.00
Time(mins)	3.00

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

AFFIDAVIT OF LEGAL PUBLICATION

Legal 8291

STATE OF NEW MEXICO
COUNTIES OF CURRY
AND ROOSEVELT:

The undersigned, being dully sworn, says:
That she is a Legal Clerk of
The Eastern New Mexico News
Newspaper of general circulation,
Published in English at Clovis and Portales,
said counties and state, and that the
hereto attached

Public Notice
Legal 8291

was published in The Eastern New Mexico News
a daily newspaper duly qualified for that purpose
within the meaning of Chapter 167 of the 1937
Session Laws of the State of New Mexico for
1 Days/weeks on the same days as follows:

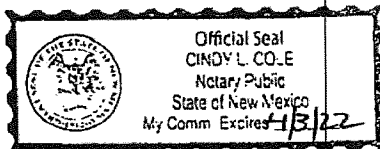
First Publication: August 21, 2019
Second Publication
Third Publication:
Fourth Publication

Gammy Newbey
Legal Clerk

Subscribed and sworn to before me,
August 21, 2019

Cindy L. Cole
Notary Public

My commission expires on April 3, 2022



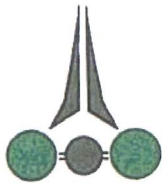
Legal 8291
August 21, 2019

NOTICE

Ridgeway Arizona Oil
Corp
1250 Wood Branch Park
Drive
Suite 400
Houston, TX 77079
Attn: William Boyd
(713) 496-0986

Does intend to drill a Salt
Water Disposal well in
Section 26, Township 7
South, Range 33 East,
334' From the South Line
and 992' From the West
Line, for the purpose of
injecting 25,000 barrels
of produced water per
day at 2,000 PSI.
Produced water will be
injected into the
Devonian formation at an
approximate depth of
10,527'.

Any interested party may
file objection or requests
for hearing with the Oil
Conservation Division,
1220 South St. Francis
Dr., Santa Fe, New
Mexico 87505 within 15
days.



Ridgeway

Arizona Oil Corporation

August 23, 2019

VIA CERTIFIED MAIL

Bureau of Land Management
Roswell Field Office
2909 W. Second Street
Roswell, NM 88201

**RE: C-108 Application Notification
Section 26-7S-33E
Roosevelt County, NM**

To whom it may concern:

You are being provided notice of Ridgeway Arizona Oil Corporation's intent to cause to be drilled a Saltwater Disposal well in Section 26, Township 7 South, Range 33 East, of Roosevelt County New Mexico. Pursuant to NMAC 19.15.26, please find enclosed a copy of the form C-108 Application For Authorization to Inject, which will be submitted to the New Mexico Oil and Gas Conservation Division.

I can be contacted directly by phone at (713) 496-0986 or by email at wboyd@pedevco.com should you have any questions.

Should you wish, you must file a request for hearing or objection with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 within 15 days.

Sincerely,

William Boyd
Land & Regulatory Manager
Ridgeway Arizona Oil Corporation

PARTIES ENTITLED TO NOTICE UNDER NMAC 19.15.26

Permian Resource, Inc.
PO Box 590
Midland, TX 79702

Manix Energy
PO Box 281
Midland, TX 79702

Occidental Permian, LP
5 E Greenway Plaza, #110
Houston, TX 77046

Devon Energy Prod Co, LP
333 W Sheridan Ave
Oklahoma City, OK 73102

Murphy Operating Corp
PO Box 2648
Roswell, NM 88202

Kerr McGee Onshore, LP
PO Box 1330
Houston, TX 77251

Chisos, LTD
1331 Lamar St, #1077
Houston, TX 77010

Shannon Kizer
PO Box 75
Causey, NM 88113

Tanos Energy Holdings II, LLC
821 E Southeast Loop 323
Tyler, TX 75701

New Mexico State Lands Office
PO Box 1148
Santa Fe, NM 87504

Cross Border Resources, Inc.
14282 Gillis Road
Farmers Branch, TX 75244

Bureau of Land Management
Roswell Field Office
2909 W. Second Street
Roswell, NM 88201

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
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Sent To Occidental Permian
Street and Apt. No., or PO Box No. 5 E Greenway Place #110
City, State, ZIP+4[®] Houston, TX 77046

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

Sent To Permian Resources Inc
Street and Apt. No., or PO Box No. PO Box 590
City, State, ZIP+4[®] Midland, TX 79702

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

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Street and Apt. No., or PO Box No. 1331 Lamar St. #1077
City, State, ZIP+4[®] Houston, TX 77010

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<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

Sent To Murphy Op. Corp.
Street and Apt. No., or PO Box No. PO Box 2648
City, State, ZIP+4[®] Roswell, NM 88202

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7019 0700 0000 2572 4363

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OFFICIAL USE

Certified Mail Fee	\$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

Sent To Cross Border Resources
Street and Apt. No., or PO Box No. 14282 Gullis Road
City, State, ZIP+4[®] Farmers Branch TX 75244

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7019 0700 0000 2572 4370

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Certified Mail Fee	\$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

Sent To Tanox Energy Holdings
Street and Apt. No., or PO Box No. 821 E. Southwest Loop 323
City, State, ZIP+4[®] Tyler, TX 75701

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Certified Mail Fee \$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>Devon Energy Prod. L.P.</u>	
Street and Apt. No., or PO Box No. <u>333 W. Sheridan Ave</u>	
City, State, ZIP+4® <u>Oklahoma City, OK 73102</u>	

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Certified Mail Fee \$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>Mannix Energy</u>	
Street and Apt. No., or PO Box No. <u>PO Box 281</u>	
City, State, ZIP+4® <u>Wideland, TX 79702</u>	

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Certified Mail Fee \$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>Shannon Kizer</u>	
Street and Apt. No., or PO Box No. <u>PO Box 75</u>	
City, State, ZIP+4® <u>Carmen, NM 88113</u>	

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Certified Mail Fee \$	Postmark Here 8/26
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>Kerr McGee Onshore L.P.</u>	
Street and Apt. No., or PO Box No. <u>PO Box 1330</u>	
City, State, ZIP+4® <u>Houston, TX 77251</u>	

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Certified Mail Fee \$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>NM State Land Office</u>	
Street and Apt. No., or PO Box No. <u>PO Box 1148</u>	
City, State, ZIP+4® <u>Santa Fe, NM 87504</u>	

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Certified Mail Fee \$	Postmark Here 8/23
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>BLM - Roswell</u>	
Street and Apt. No., or PO Box No. <u>2909 W 2nd St</u>	
City, State, ZIP+4® <u>Roswell, NM 88201</u>	

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