

Initial Application Part I

Received: 02/13/2020

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

RECEIVED: 2/13/20	REVIEWER: BLL	TYPE: SWD	APP NO: pBL2004442303
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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 #3 **API:** TBD
Pool: SWD: Devonian **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

SWD-2372

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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 and Regulatory Manager

Print or Type Name

William Boyd

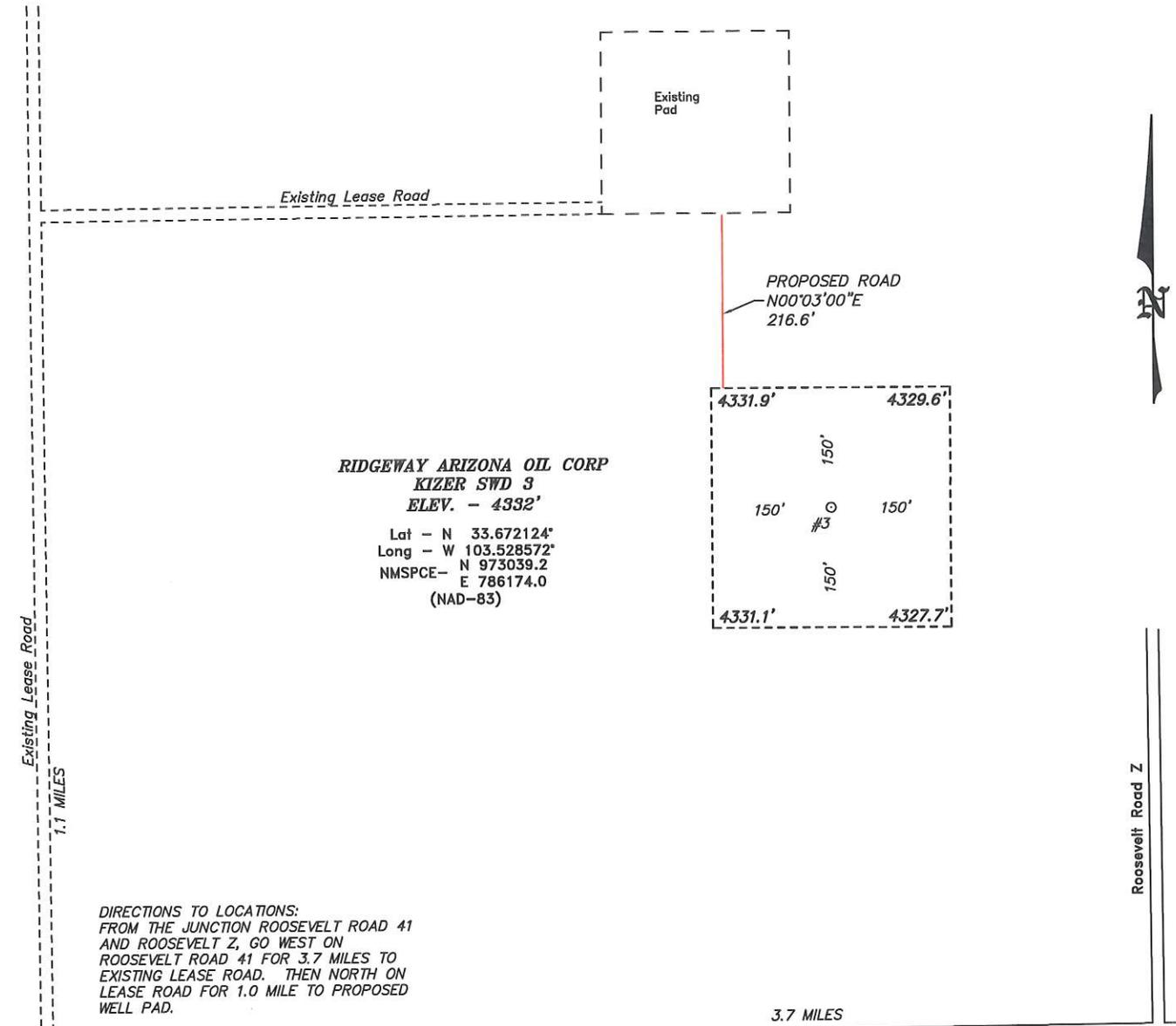
Signature

2/12/2020
Date

713-496-0986
Phone Number

wboyd@pedevco.com
e-mail Address

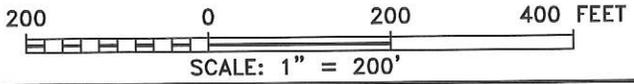
SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.



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.

Roosevelt Road 41

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



I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES, P.S., No. 7977
TEXAS P.S., No. 5074



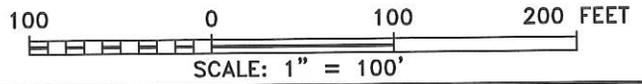
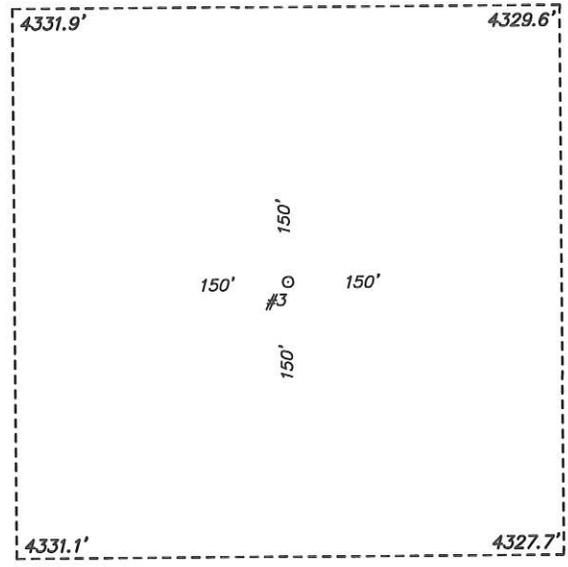
P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basin-surveys.com

RIDGEWAY ARIZONA OIL CORP

REF: KIZER SWD 3 / WELL PAD TOPO

THE KIZER SWD 3 LOCATED 175' FROM THE SOUTH LINE AND 480' FROM THE EAST LINE OF SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.

SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.



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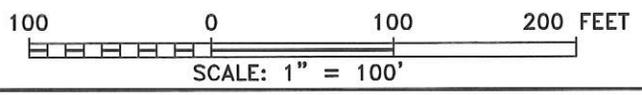
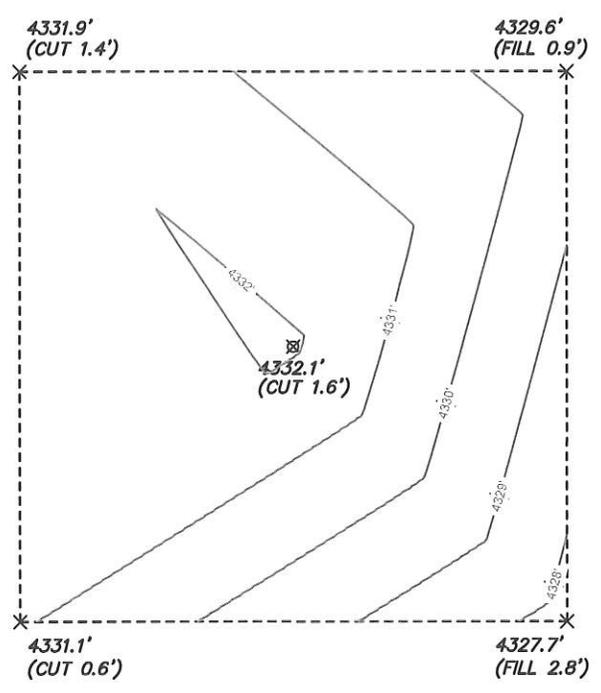


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 1120 N. West County Rd.
 Hobbs, New Mexico 88241

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 (575) 392-2206 - Fax
 basinsurveys.com

W.O. Number: 34852	Drawn By: J GOAD	Date: 9-25-2019	Survey Date: 9-16-2019	Sheet 1 of 1 Sheets
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SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST, N.M.P.M.,
ROOSEVELT COUNTY,
NEW MEXICO.



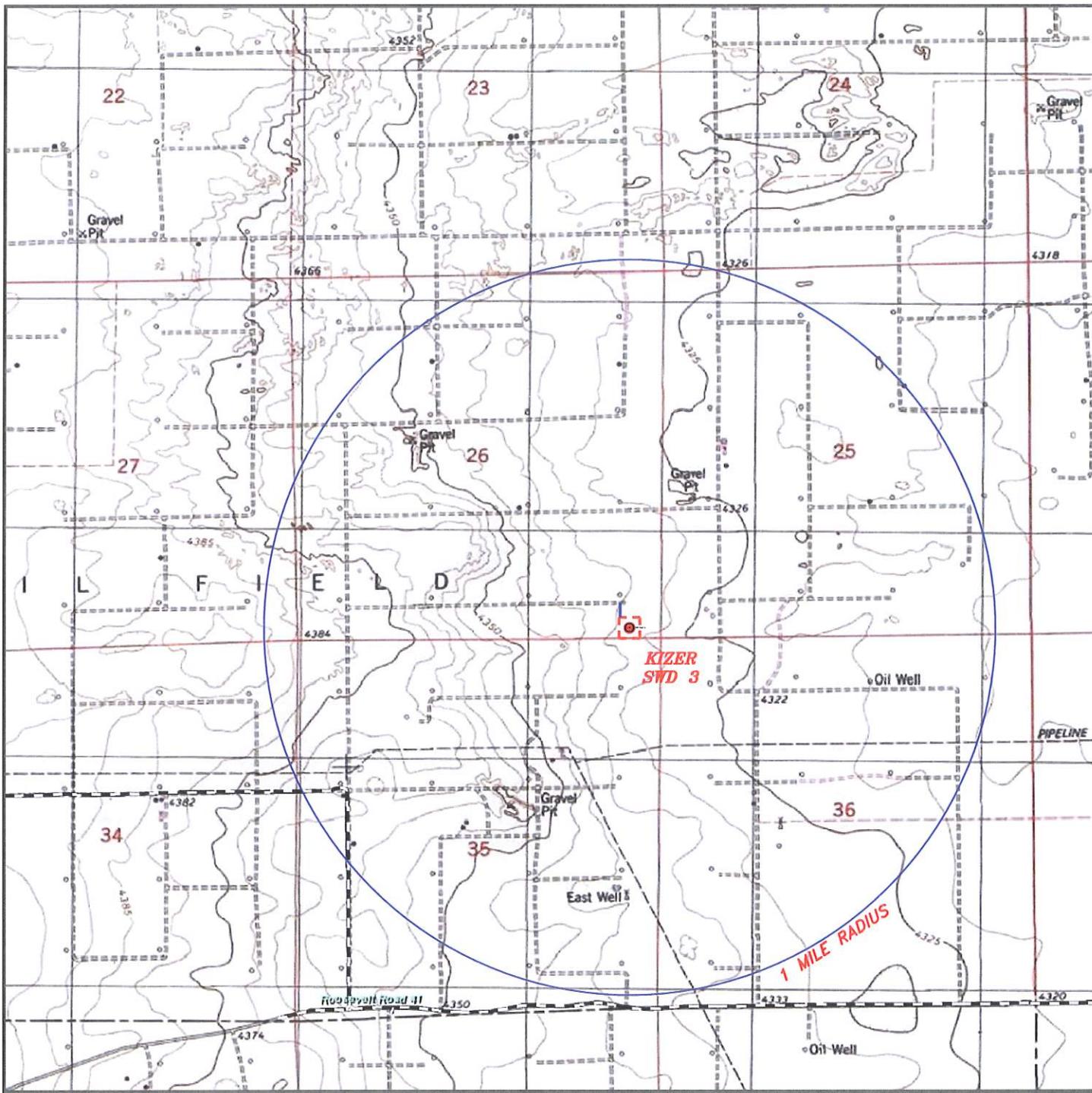
RIDGEWAY ARIZONA OIL CORP

REF: KIZER SWD 3 / CUT & FILL

THE KIZER SWD 3 LOCATED 175' FROM
 THE SOUTH LINE AND 480' FROM THE EAST LINE OF
 SECTION 26, TOWNSHIP 7 SOUTH, RANGE 33 EAST,
 N.M.P.M., ROOSEVELT COUNTY, NEW MEXICO.



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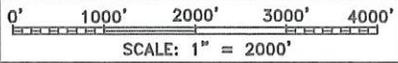


KIZER SWD 3

Located 175' FSL and 480' FEL
 Section 26, Township 7 South, Range 33 East,
 N.M.P.M., Roosevelt County, New Mexico.



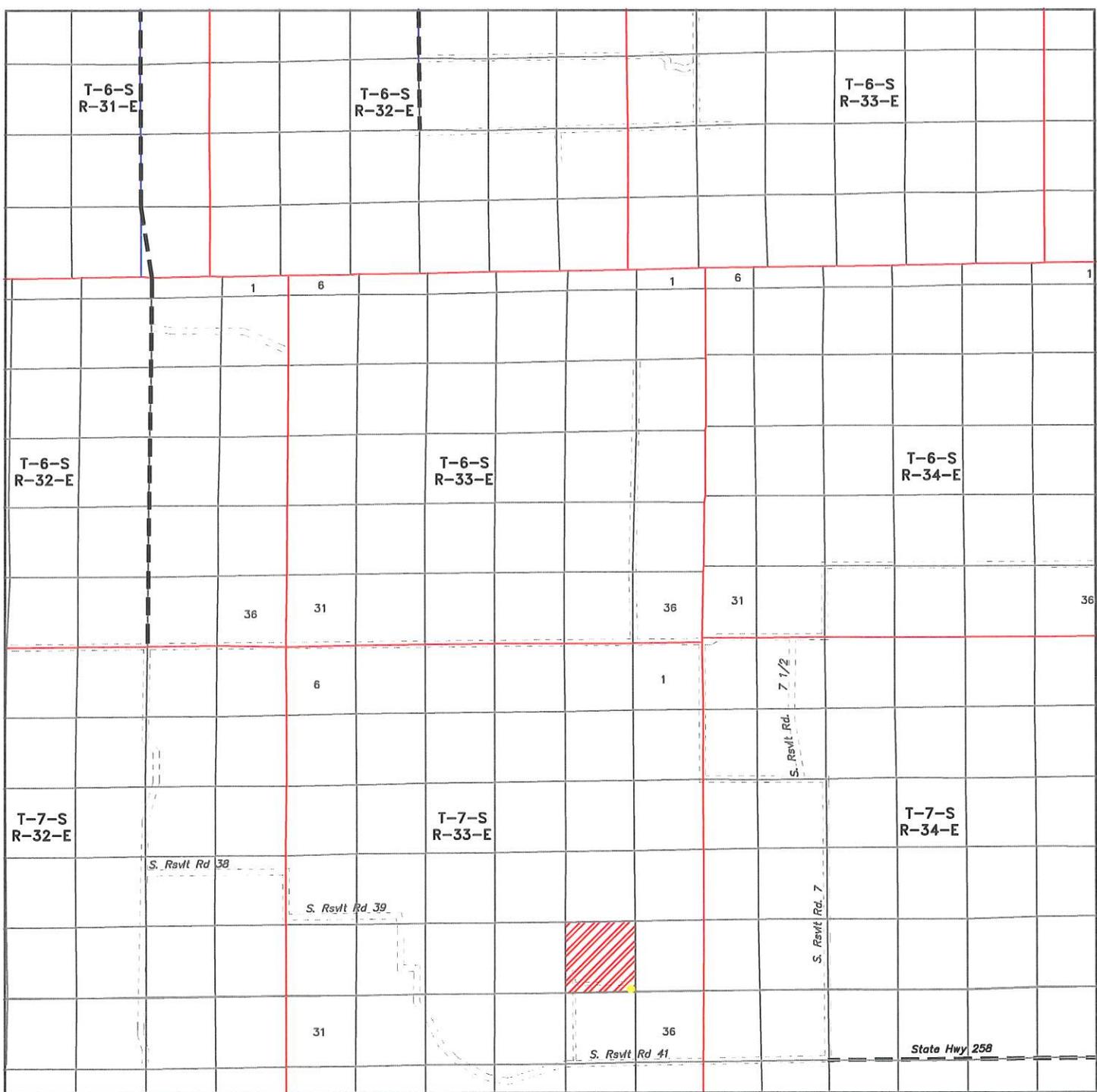
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 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com



W.O. Number: JG 34852
 Survey Date: 9-16-2019
 YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**RIDGEWAY
 ARIZONA OIL
 CORP**

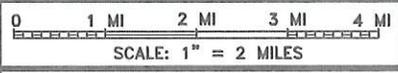


KIZER SWD 3

Located 175' FSL and 480' FEL
 Section 26, Township 7 South, Range 33 East,
 N.M.P.M., Roosevelt County, New Mexico.



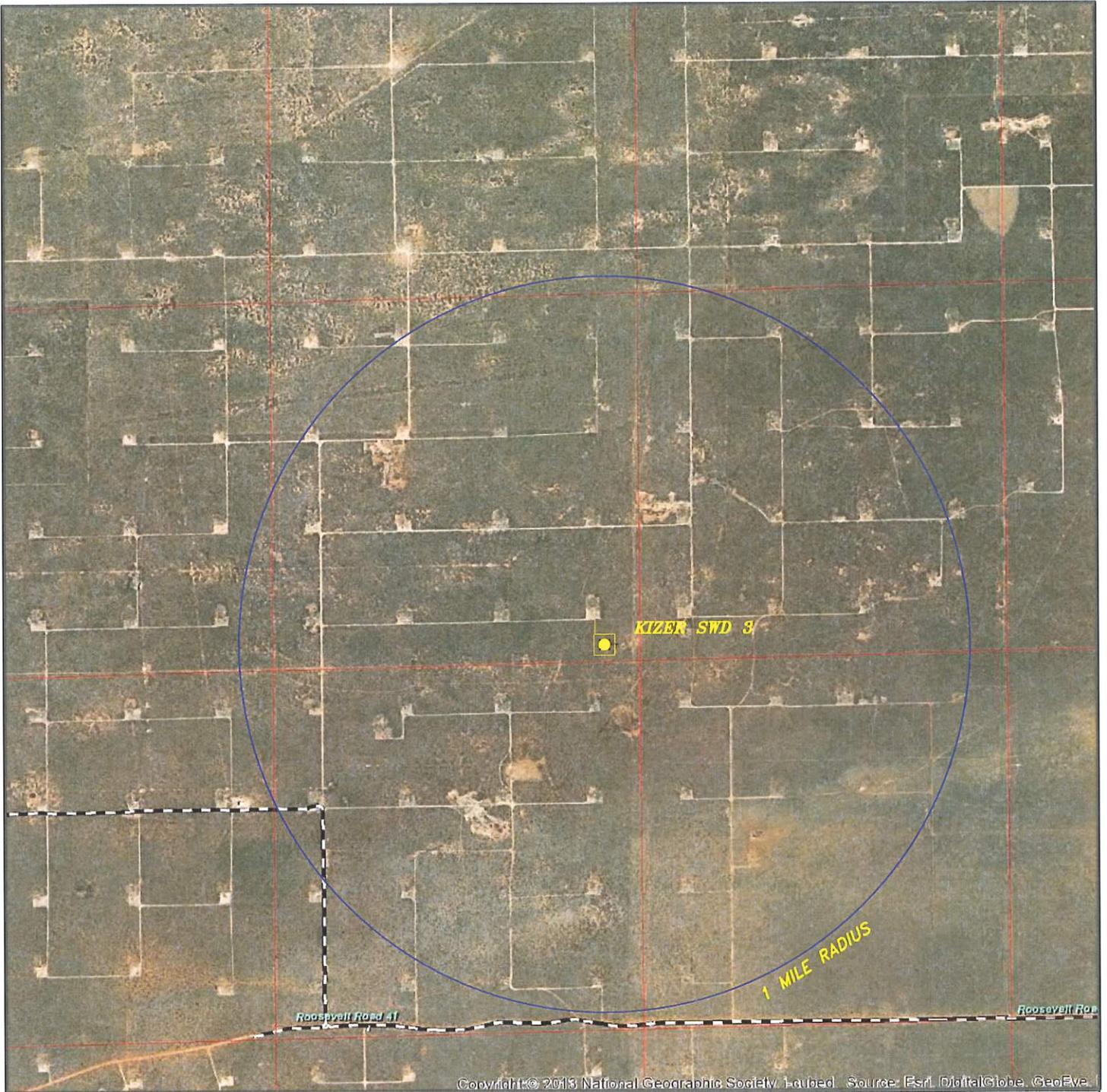
P.O. Box 1786
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W.O. Number: JG 34852
 Survey Date: 9-16-2019
 YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**RIDGEWAY
 ARIZONA OIL
 CORP**



KIZER SWD 3

Located 175' FSL and 480' FEL
 Section 26, Township 7 South, Range 33 East,
 N.M.P.M., Roosevelt County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

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0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

W.O. Number: JG 34852
 Survey Date: 9-16-2019

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) 574-7912

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).

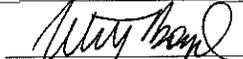
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: 2/12/2020

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: _____

Side 2

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 (non-extant)

OCD well data referenced in written descriptions

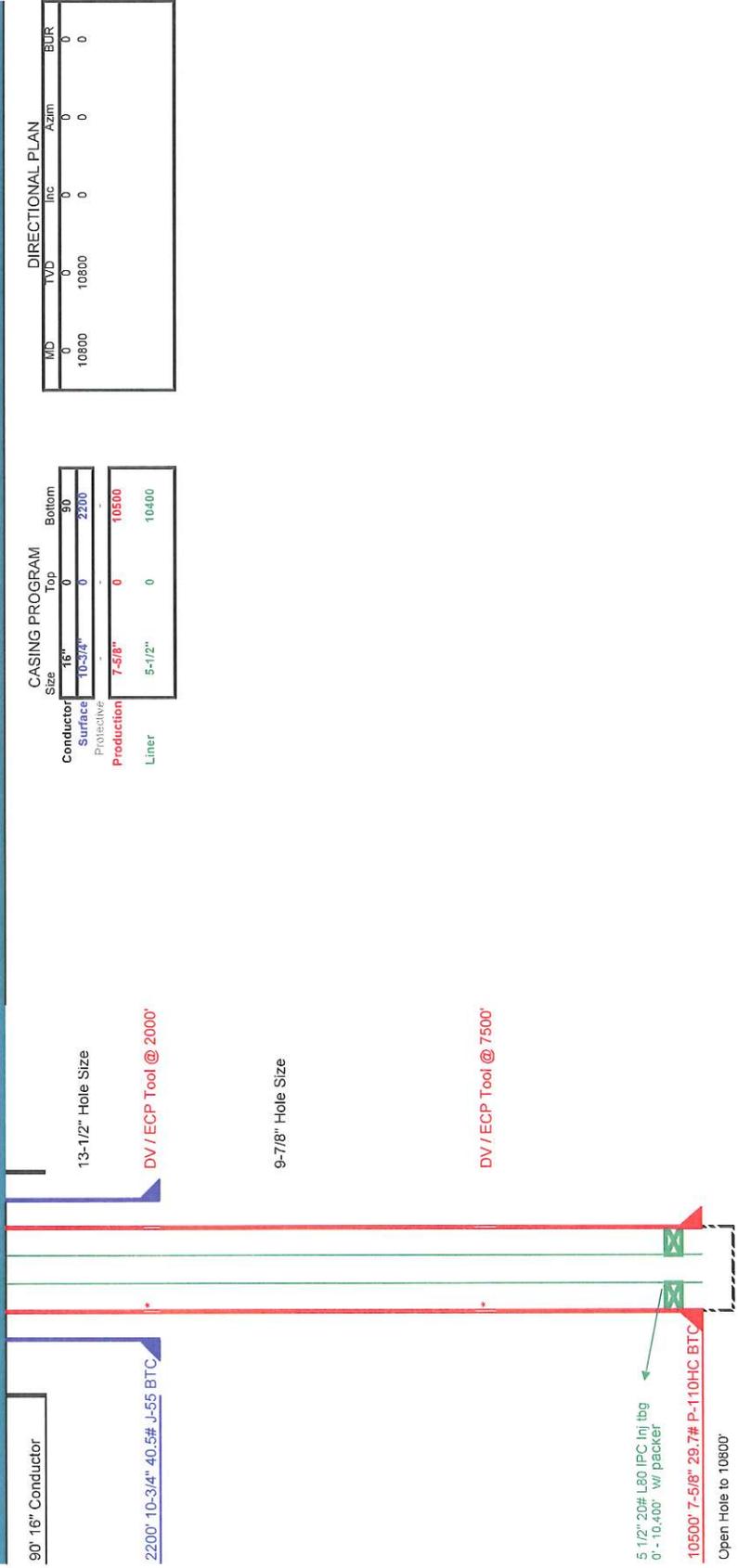
Section XIII: Proof of Notice

RIDGEWAY ARIZONA OIL CORP WELLBORE SCHEMATIC

OPERATOR: Ridgeway Arizona Oil Corp.
 WELL NAME: **KIZER SWD #3**
 FIELD / PROSPECT: Chavaro
 SURFACE LOCATION: SEC 26 / 175 FSL 480' FEL
 COMPLETED ZONE(S):
 RECOMP ZONE(S):
 TBG/TAC/ROD/PUMP:
 WELLBORE: Original Comp Proposed Comp

TD: ~10800
 STATE: New Mexico
 PB ZONE(S): SEC 26 / 175 FSL 480' FEL
 TAG DEPTH:
 MISC:
 RC:
 TAG DATE:
 REV DATE: 7/1/2020
 DRILL DATE: 7/1/2030
 GL: 4332
 KB: 16'

DRILLING & MECHANICAL



CASING PROGRAM

Size	Top	Bottom
Conductor 16"	0	90
Surface 10-3/4"	0	2200
Protective 7-5/8"	-	-
Production 7-5/8"	0	10500
Liner 5-1/2"	0	10400

DIRECTIONAL PLAN

MD	TVD	Incl	Azim	BUR
0	0	0	0	0
10800	10800	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 #3
 Unit Letter P, Section 26, T7S R33E, 175 FSL, 480FEL
 Roosevelt County

Mr. 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 #3 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 southwest of the proposed Kizer SWD #3 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 #3, is from the survey ground elevation (4332’).

Formation	Depth (to Form.Top)	Elev. of Top
Ogallala (surf)	0	4332
Rustler (Anhydrite)	1799'	2533
Yates	2288'	2044
Queen	2948'	1384
San Andres	3439'	893
San Andres Pi Marker	3990'	342
Glorietta	4787' Est.	-455
Abo	7147' Est.	-2815
Wolfcamp	7898' Est.	-3566
Mississippian	9508' Est.	-5176
Woodford Shale	9898' Est.	-5566
Devonian	10500' Est.	-6168

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 200-300 feet.

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 interval is within the Devonian Formation 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 10,500-10,800 (300 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 4,332 feet):

The Permian Basin has numerous zones that produce oil and gas beneath the San Andres. In the Chaveroo oil field, an Atlantic Richfield Pennsylvanian test in Section 3, 8S, 33E (30-05-20026) to a depth of 9190 feet did not detect economic shows of hydrocarbons below the San Andres. Thus, the only overlying oil and gas zone is the San Andres (3439-4787 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 2b 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.

Plate 4 shows surface water bodies within the vicinity of the proposed SWD.

Table 1 provides data on all active oil and gas wells within the area of review 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 (Chaveroo Bough "C" #1).

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: 20,000 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 interval is contained in the Devonian Formation in an open-hole interval. The proposed injection interval within the Pre-Mississippian Carbonates is 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 10,500 feet. The depth interval of the injection interval is 10,500-10,800 (300 feet), within the Devonian Formation.

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 5 water supply wells for stock exist within 2-4 miles of the proposed SWD. The depth to water measured by the USGS in 1995 in four of these wells ranges 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

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

deeper sandstones in the Chinle/Dockum. The fifth well (USGS-21106), located 3 miles northwest of the SWD, had a depth to water of 231 feet in 2016.

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 that two small surface water bodies (stock tanks) lie within 1 mile. They are to the northeast and south.

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 contain areas of saturation 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 Kizer SWD #3² (see Plate 5).
- 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 more than 5 miles to the northeast³. The closest basement fault is about 3.8 miles to the northeast (see Plate 6).

² <https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9boadf88412fcf>

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/permanbasin/gis.htm](http://www.beg.utexas.edu/resprog/permanbasin/gis.htm)

- 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
 - The lowest underground source of drinking water is the Chinle Formation.
 - More than 8,500 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

Plates

Plate 1a: Active and P&A wells within 2-miles

Plate 1b: Active and new wells within 1-mile

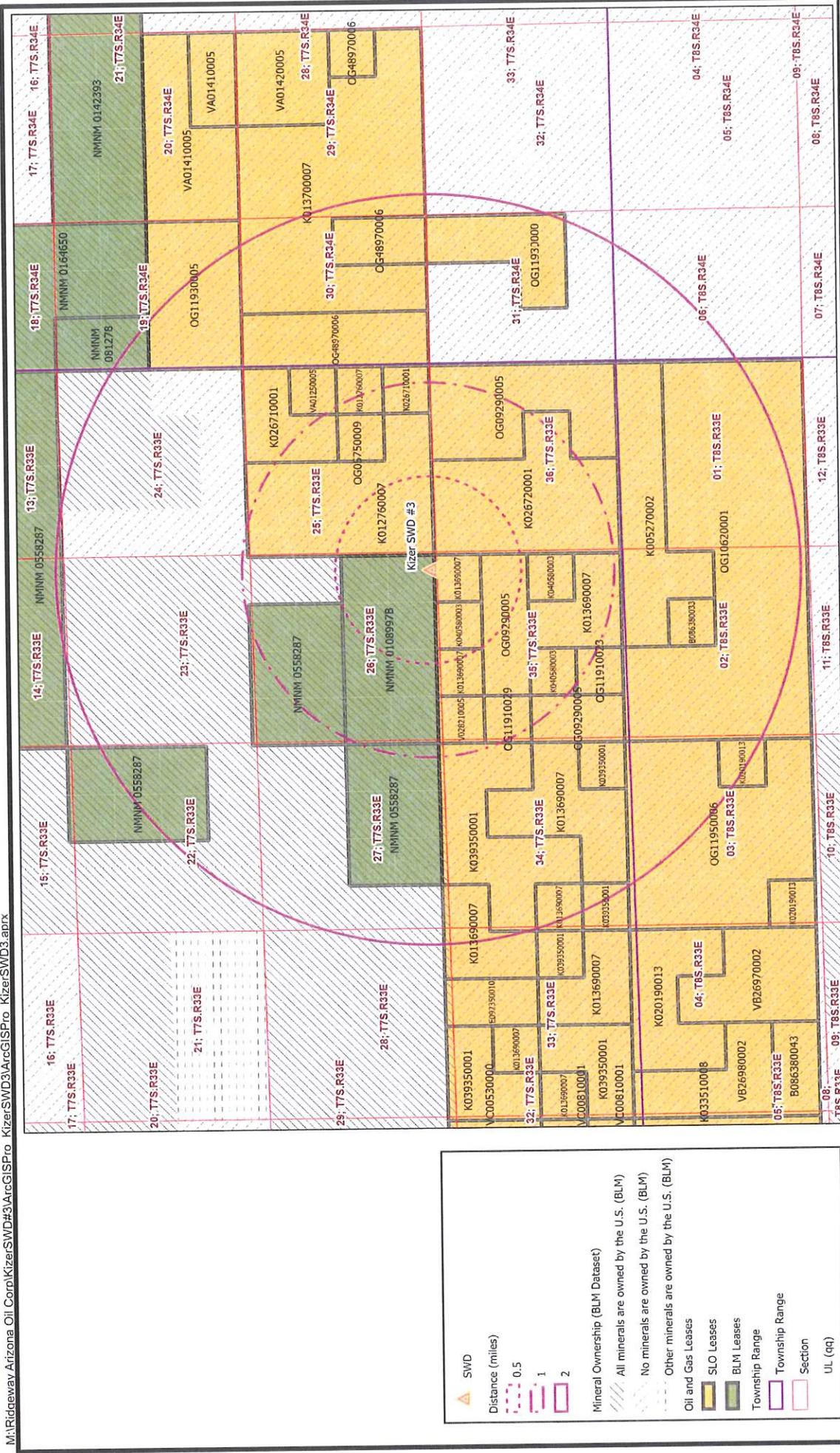
Plate 2a: Mineral Leases and mineral ownership within the area of review

Plate 2b: Surface Ownership and Oil and Gas Rights

Plate 3: Water Supply Wells within 2 miles

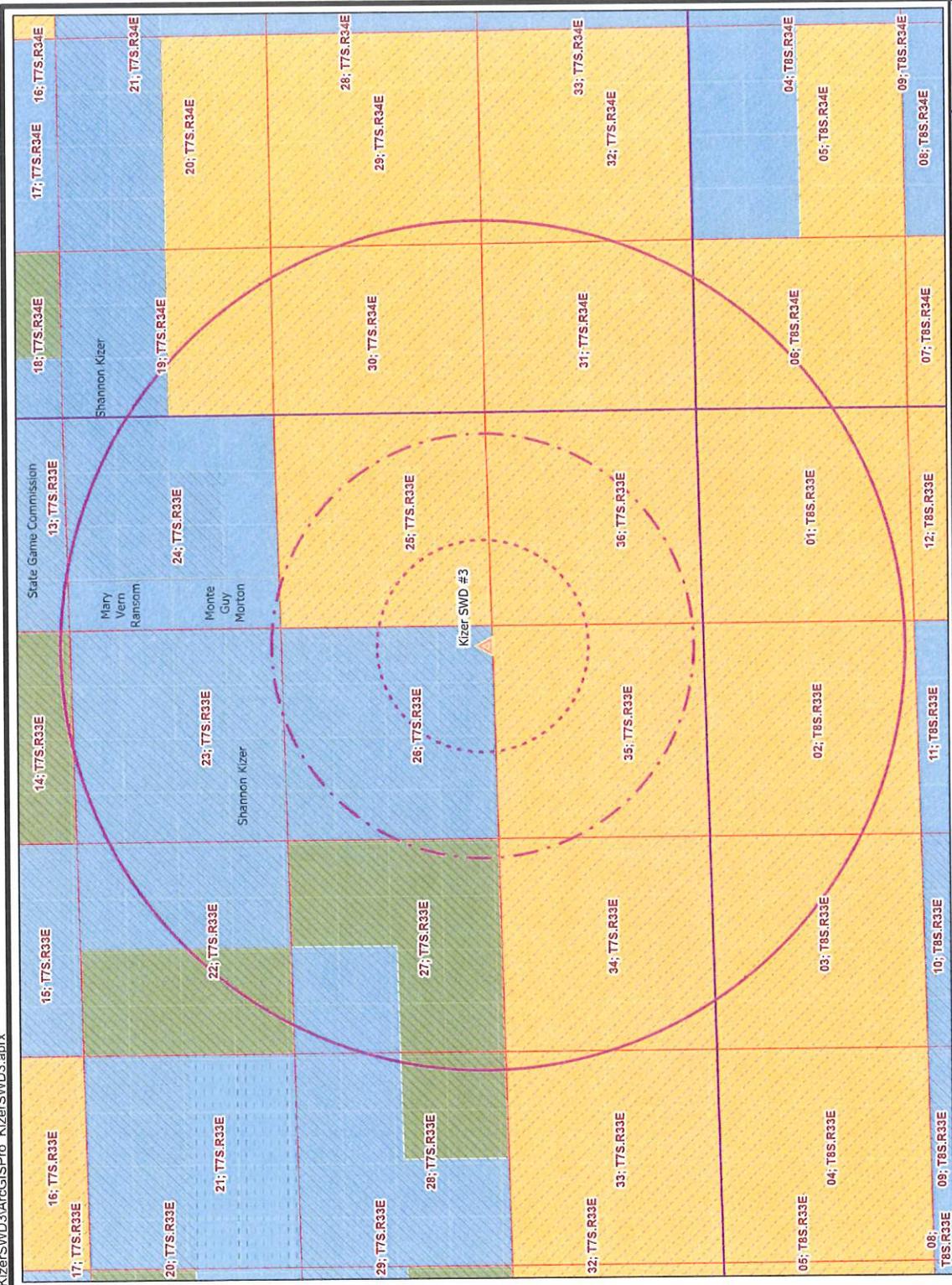
Plate 4: Surface water within the area of review

M:\Ridgeway_Arizona_Oil_Corp\KizerSWD#3\ArcGISPro KizerSWD3\ArcGISPro KizerSWD3.aprx



R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505-266-5004	Oil & Gas Leases and Mineral Ownership within 2-Miles of SWD Ridgeway Arizona Oil Corporation Kizer SWD #3	Plate 2a Feb 02 2020
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SWD

Distance (miles)

- 0.5
- 1
- 2

NM Land Ownership

- BLM
- State
- Private

Mineral Ownership (BLM Dataset)

- All minerals are owned by the U.S. (BLM)
- No minerals are owned by the U.S. (BLM)
- Other minerals are owned by the U.S. (BLM)

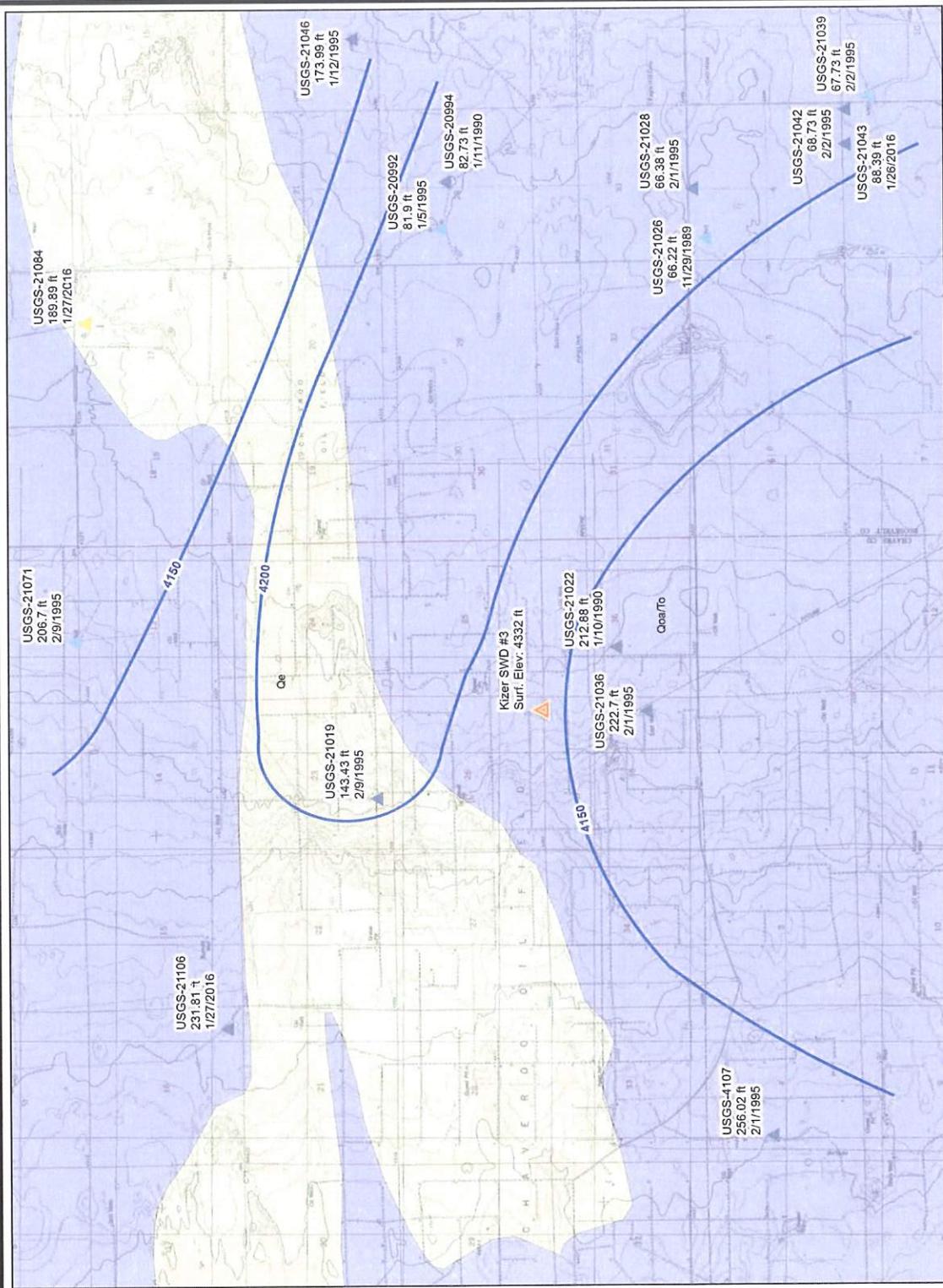
Township Range Section

- Township Range
- Section
- UL (qq)



R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004	Surface and Mineral Ownership within 2-Miles of SWD Ridgeway Arizona Oil Corporation Kizer SWD #3	Plate 2b Feb 02 2020
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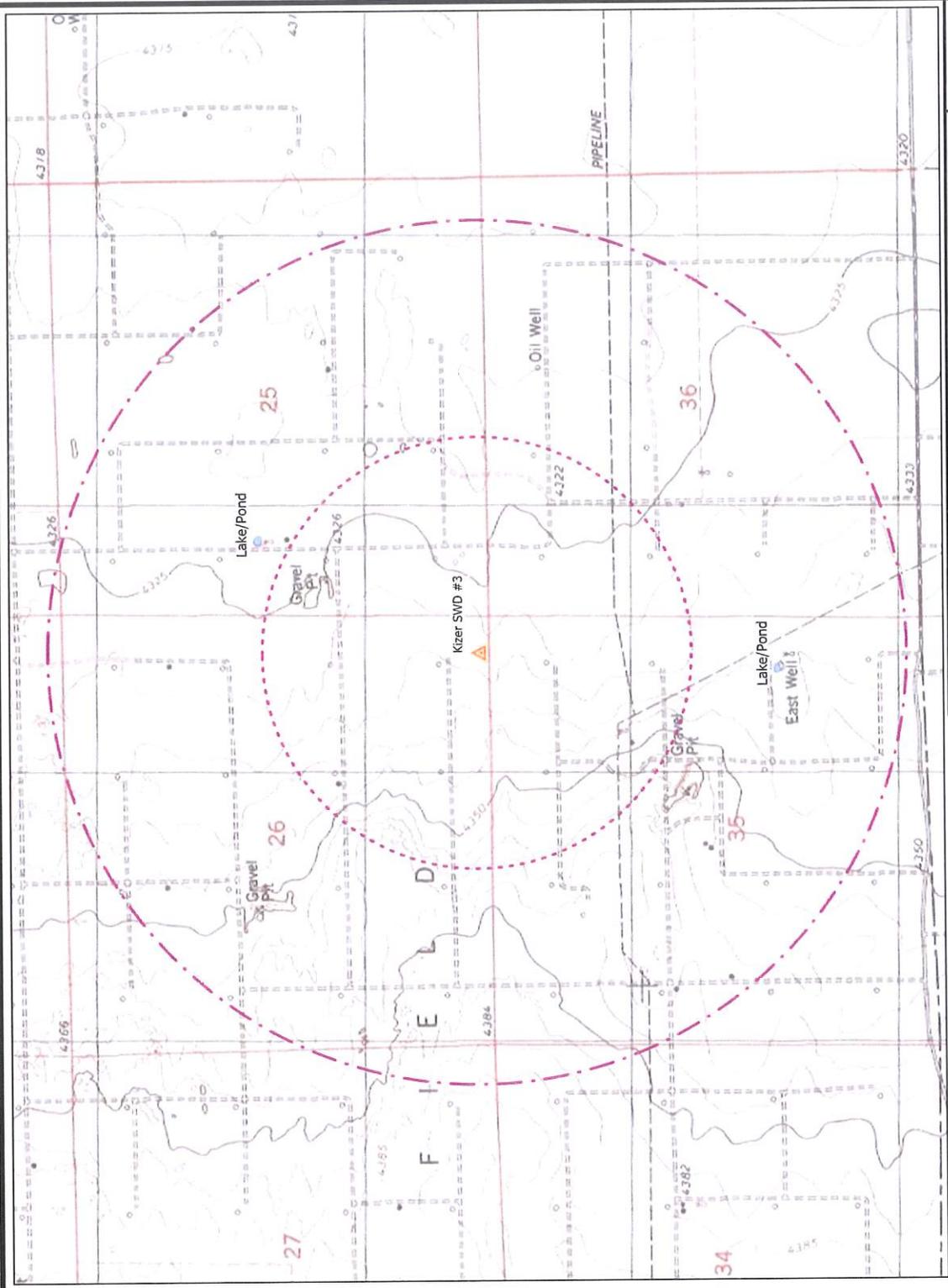


	SWD
	USGS Gauging Station (DTW, Date)
	Aquifer Code, Well Status
	Ogallala
	Cretaceous System
	Not Defined
	Potentiometric Surface (ft msl)
	Isocontours
	Isocontour
	NW Geology
	Map Unit Description
	Qe, Quaternary-Eolian Deposits, Qe
	Quaternary-Eolian Deposits
	Qoa/To, Quaternary-Older Alluvial Deposits/Ogallala



R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004	Depth to Water and Potentiometric Surface Ridgeway Arizona Oil Corporation Kizer SWD #3	Plate 3 Feb. 2020
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▲ SWD
 Distance (miles)
 0.5
 1
 2

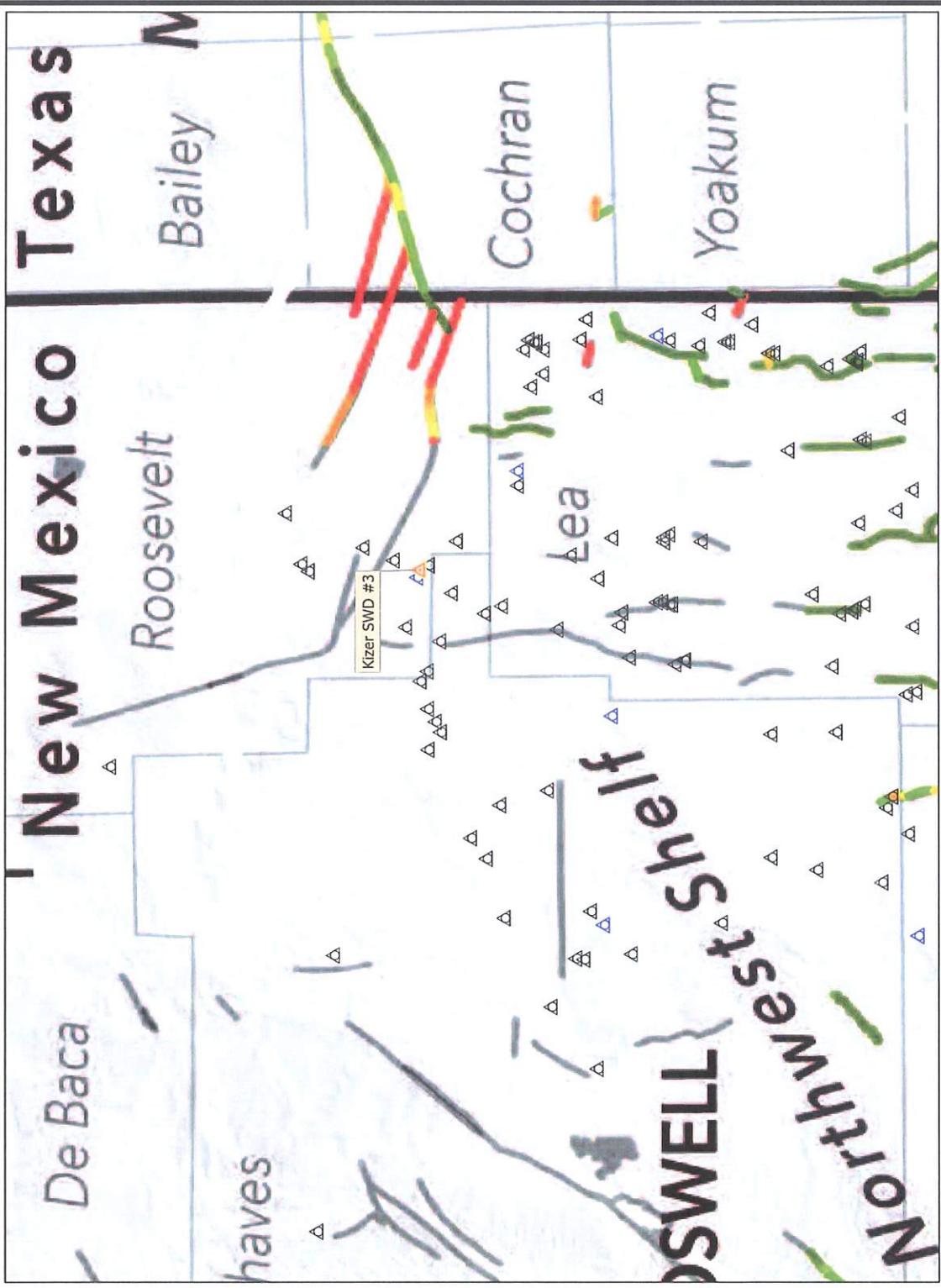
Water Bodies (1208)
 Lake/Pond
 River and Drainages (1208)
 Stream/River Artificial Path
 Perennial Stream
 Intermittent Stream



Note: Some features not present in map extent.

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 Corporation Kizer SWD #3	Plate 4 Feb. 2020
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Kizer SWD #3

- SWD
- Oil and Gas (NMOCD)
- Salt Water Injection, Active
- Salt Water Injection, New

Seismicity:

- M_w 2.0-2.9
- M_w 3.0-3.9
- M_w 4.0+

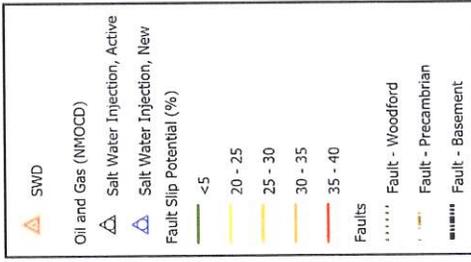
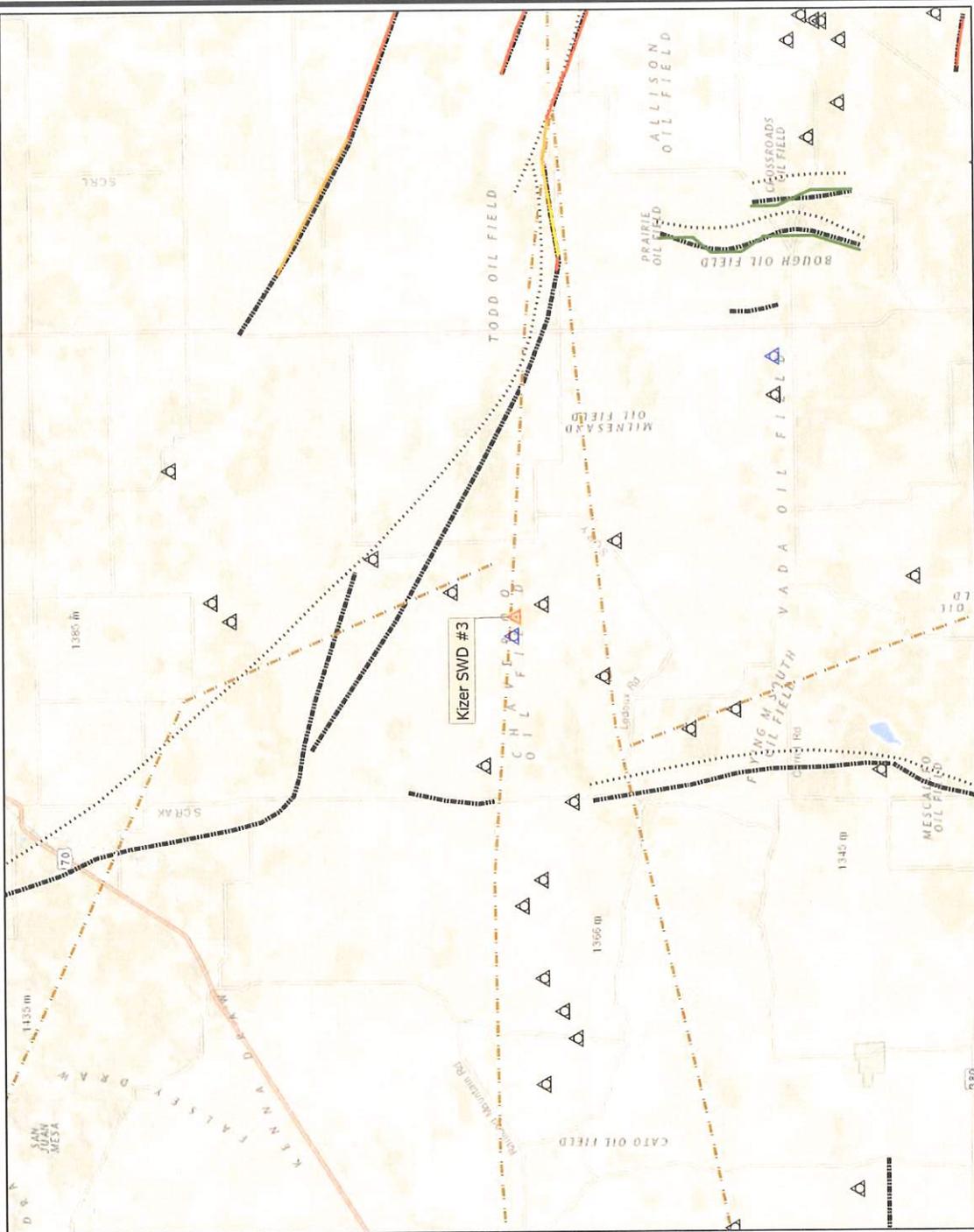
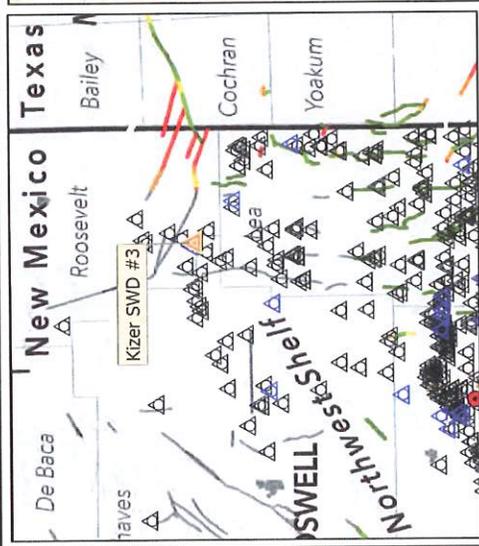
Fault slip potential (%):

Seismicity and Fault Slip Potential - Ewing et al. (1990), Green and Jones (1997), Ruppel et al. (2005), and the USGS Quaternary Faults and Folds Database (Crone and Wheeler, 2000).



R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW, Suite F-142 Albuquerque, NM 87104 Ph: 505-266-5004	Seismicity and Fault Slip Potential Ridgeway Arizona Oil Corporation Kizer SWD #3	Plate 5 Feb. 2020
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Seismic and Fault Slip Potential- Ewing et al. (1990), Green and Jones (1997), Ruppel et al. (2005), and the USGS Quaternary Faults and Folds Database (Crone and Wheeler, 2000).

R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505-266-5004	Fault Slip Potential Ridgeway Arizona Oil Corp Kizer SWD #3	Plate 6 Feb. 2020
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Tables and Data

Table 1: Active OCD wells within the area of review

Table 2: Affected Persons within area of review

Laboratory Report: Produced water chemistry of nearby wells

OSE Well Logs: Referenced in written descriptions (non-extant)

OCD Well Data: Referenced in written descriptions

Attachments to C-108

February 2020

Table 1
Oil and Gas Wells Within 1 Mile

Ridgeway Arizona Oil Corp
Kizer SWD #3

API	OGRID	OGRID Name	Well Name	Well Type	Status	UL S-T-R	Pool
30-041-10408	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #046	O	A	M-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10409	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #061	O	A	K-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10439	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #015	O	A	D-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10448	184557	RIDGWAY ARIZONA OIL CORP.	MORGAN B FEDERAL #002	O	A	F-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10468	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #049	O	A	B-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10467	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #062	O	A	B-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10466	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #062	O	A	J-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10477	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #063	O	A	F-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10478	184557	RIDGWAY ARIZONA OIL CORP.	MORGAN B FEDERAL #003	O	A	G-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10476	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #030	O	A	E-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10486	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #057	O	A	E-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10489	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #048	O	A	C-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10488	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #048	O	A	C-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10498	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #050	O	A	A-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10521	184557	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #004	O	P	H-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10522	184557	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #003	O	P	A-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10523	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #032	O	A	K-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10524	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #045	O	A	N-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10525	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #033	O	A	J-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10526	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #044	O	A	O-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10527	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #034	O	A	I-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10528	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #043	O	A	P-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10529	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #047	O	A	D-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10547	214263	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #004	O	P	L-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10552	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #029	O	A	F-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10553	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #042	O	A	M-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10554	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #035	O	A	K-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10555	184557	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #008	O	P	H-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10556	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #056	O	A	H-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10557	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #068	O	A	O-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10558	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #051	O	A	D-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10568	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #067	O	A	P-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10570	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #055	O	A	E-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10581	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #052	O	A	C-35-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10590	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #036	O	A	J-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10591	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #041	O	A	O-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10594	14021	MARATHON OIL CO	STATE SEC 36 #001	O	P	B-36-07S-33E	12046] CHAVEROO SAN ANDRES (ROOSEVELT)**
30-041-10623	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #064	O	A	L-36-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10625	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #066	O	A	M-36-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-10626	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #064	O	A	F-36-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-20044	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #084	O	A	K-36-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-20100	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #053	O	A	G-36-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-20333	214263	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #001	O	P	C-35-07S-33E	
30-041-20977	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #251H	O	A	M-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-20978	184557	RIDGWAY ARIZONA OIL CORP.	JENNIFER CHAVEROO SA UNIT #361H	O	A	M-25-07S-33E	12049] CHAVEROO, SAN ANDRES
30-041-20991	184557	RIDGWAY ARIZONA OIL CORP.	KIZER SWD #002	S	N	M-25-07S-33E	97869] SWD, DEVONIAN-SILURIAN

February 2020

Table 2
Oil & Gas Mineral Interests and Affected Persons within 1-Mile AOR

Ridgeway Arizona Oil Corp
Kizer SWD #3

Township	Range	Section	Unit Letter	Lease Number	Lessee (O & G Minerals)	Lessor (O & G Minerals)	Surface Owner
07S	33E	23	O		UNLEASED	BLM (Fed)	Shannon Kizer
07S	33E	23	P		UNLEASED	BLM (Fed)	Shannon Kizer
07S	33E	24	M		UNLEASED	Unknown (a)	Monte Guy Morton
07S	33E	25	B	K026710001	JAMES D. FINLEY	State	State
07S	33E	25	C	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	D	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	E	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	F	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	G	K026710001	JAMES D. FINLEY	State	State
07S	33E	25	H	VA01250005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	I	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	J	OG05750009	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	K	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	L	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	M	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	N	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	O	K012760007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	25	P	K026710001	JAMES D. FINLEY	State	State
07S	33E	26	A		UNLEASED	BLM (Fed)	Shannon Kizer
07S	33E	26	B	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	C	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	D	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	E	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	F	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	G	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	Shannon Kizer
07S	33E	26	H		UNLEASED	BLM (Fed)	Shannon Kizer
07S	33E	26	I	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	J	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	K	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	L	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	M	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	N	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	26	O	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer

February 2020

Table 2
Oil & Gas Mineral Interests and Affected Persons within 1-Mile AOR

Ridgeway Arizona Oil Corp
Kizer SWD #3

Township	Range	Section	Unit Letter	Lease Number	Lessee (O & G Minerals)	Lessor (O & G Minerals)	Surface Owner
07S	33E	26	P	NMNM 0108997B	DEVON ENERGY PROD CO LP 90.597% TANOS ENERGY HOLDINGS II LLC 9.403%	BLM (Fed)	Shannon Kizer
07S	33E	27	I	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	BLM
07S	33E	27	P	NMNM 0558287	OCCIDENTAL PERMIAN LP 100%	BLM (Fed)	BLM
07S	33E	34	A	K039350001	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	34	H	K039350001	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	35	A	K013690007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	B	K040580003	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	35	C	K013690007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	D	V028210005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	E	OG11910029	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	F	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	G	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	H	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	I	K040580003	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	35	J	K013690007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	K	K040580003	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	35	L	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	N	OG11910023	KERR-MCGEE O/G ONSHORE, LP	State	State
07S	33E	35	O	K013690007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	35	P	K013690007	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	A	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	B	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	C	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	D	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	E	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	F	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	G	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	H	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	I	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
07S	33E	36	J	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	K	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	L	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	M	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	N	K026720001	JAMES D. FINLEY	State	State
07S	33E	36	O	OG09290005	PACIFIC ENERGY DEVELOPMENT CORP	State	State
Footnotes (a) unleased private land likely needing title search							

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

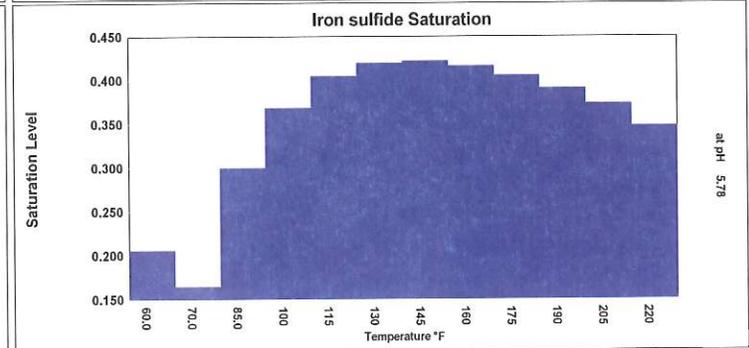
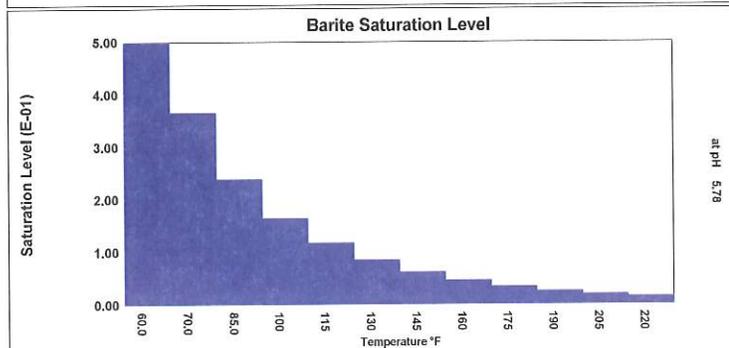
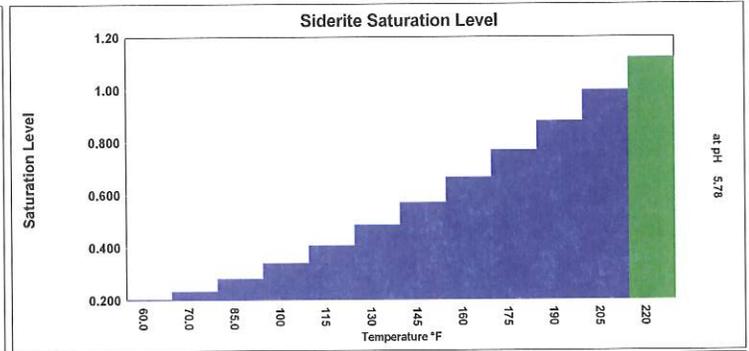
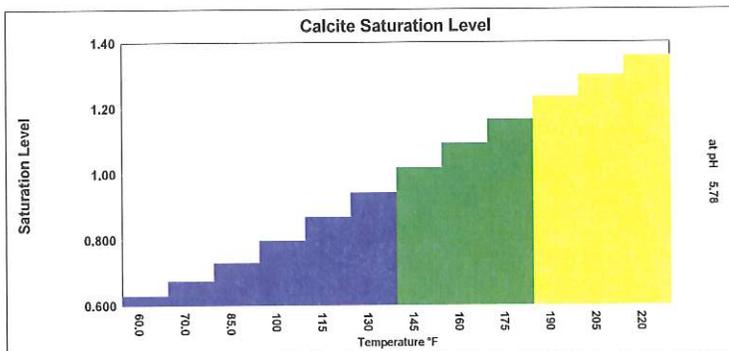
Temperature(°F)	77.00
Sample pH	5.70
Conductivity	118433
T.D.S.	92351
Resistivity	8.44
Sp.Gr.(g/mL)	1.07

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 xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 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

Calcium	10998
Barium	0.100
Carbonate	0.539
Phosphate	0.00
Sulfate	1255

TOTAL**FREE**

10694
0.100
0.0137
0.00
278.72

OPERATING CONDITIONS

Temperature (°F)	77.00
Time(mins)	3.00

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

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

NEW MEXICO OIL CONSERVATION COMMISSION

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U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease
State Fee

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

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 GAS WELL OTHER **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 **C** **990** FEET FROM THE **North** LINE AND **1650** FEET FROM
THE **West** LINE, SECTION **35** TOWNSHIP **7S** RANGE **33E** NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
Chaveroo Bough "C"

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

15. Elevation (Show whether DF, RT, GR, etc.)
4372' GR

12. County
Roosevelt

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 Drill to TD and plug and abandon <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 FIELD SUPERVISOR DATE 12 17 1971

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

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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
K-1369

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- Dry Hole	7. Unit Agreement Name
2. Name of Operator Skelly Oil Company	8. Farm or Lease Name Chaveroo Bugh "C"
3. Address of Operator P. O. Box 1351, Midland, Texas 79701	9. Well No. 1
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 N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4372' GR	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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPHS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER Re-enter, salvage 8-5/8" casing and re-plug well. <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 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 *Walter E. Olegg* TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
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 Fee

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

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	7. Unit Agreement Name
2. Name of Operator Skelly Oil Company	8. Farm or Lease Name Chaveroc Bough "C"
3. Address of Operator P. O. Box 1351, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 1650 FEET FROM West LINE, SECTION 35 TOWNSHIP 7S RANGE 33E NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4372' GR	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"/> TEMPORARILY ABANDON <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.	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <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.

SIGNED (S) D. R. Crow **D. R. Crow** TITLE Lead Clerk DATE April 6, 1973

APPROVED BY Joe D. Roney TITLE Dist. 1. Supv. DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

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 GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

2. Name of Operator
Skelly Oil Company

8. Farm or Lease Name
Chaveroo Bough "C"

3. Address of Operator
P. O. Box 1351, Midland, Texas 79701

9. Well No.
1

4. Location of Well
UNIT LETTER **C** LOCATED **990** FEET FROM THE **North** LINE AND **1650** FEET FROM

10. Field and Pool, or Wildcat
Wildcat

THE **West** LINE OR 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 Cable Tools **0' - 10,020'** ---

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 _____	Canyon 9008'
T. Embury <u>Clearfork 5530'</u>	T. Gr. Wash _____	T. Morrison _____	Strawn 9225'
T. Tubb <u>6285'</u>	T. Granite _____	T. Todilto _____	Atoka 9498'
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	Miss. Lime 9989'
T. Abo <u>7135'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>Hueco 8147'</u>	T. Bough "A" <u>8619'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. "B" <u>8646'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. "C" <u>8682'</u>	T. Penn. 8780' <u>8780'</u>	T. _____
	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				

RECEIVED
 JUN 17 1971
 G.L. COMSERVANT & CO. INC.
 4020S, U. S.

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. 1971, 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 Fee

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

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"/>	7. Unit Agreement Name ---
2. Name of Operator Skelly Oil Company	8. Farm or Lease Name Chaveroo Bough "C"
3. Address of Operator P. O. Box 1351, Midland, Texas 79701	9. Well No. 1
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.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) Unknown	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"/>	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 Set 8-5/8" OD 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) 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

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HOBB, T. M.

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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 Fee

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 GAS WELL OTHER

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"/>	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 JOB <input type="checkbox"/>	OTHER Spud and set 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) 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**

APPROVED BY **Joe D. Ramey** TITLE _____ DATE **OCT 22 1971**

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well DRILL DEEPEN PLUG BACK
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE
 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** LOCATED **990** FEET FROM THE **North** LINE
 AND **1650** FEET FROM THE **West** LINE OF SEC. **35** TWP. **7S** RGE. **33E** NMPM
 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
 19. Proposed Depth **9800'** 19A. Formation **Atoka** 20. Rotary or C.T.
Rotary
 21. Elevations (Show whether DP, RT, etc.) **Unknown** 21A. Kind & Status Plug Bond **Blanket Bond #1253688** 21B. Drilling Contractor **To be selected** 22. Approx. Date Work will start **Immediately**

23. 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

NOTICE NOTIFIED 13/8

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 [Signature] TITLE SUPERVISOR DISTRICT I DATE OCT 1 1971

CONDITIONS OF APPROVAL, IF ANY:

100 100 100 100 100

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SEP 31 1971

OIL CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

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.

Name
C. J. Love
C. J. Love
Position
District Production Manager

Company
Skelly Oil Company

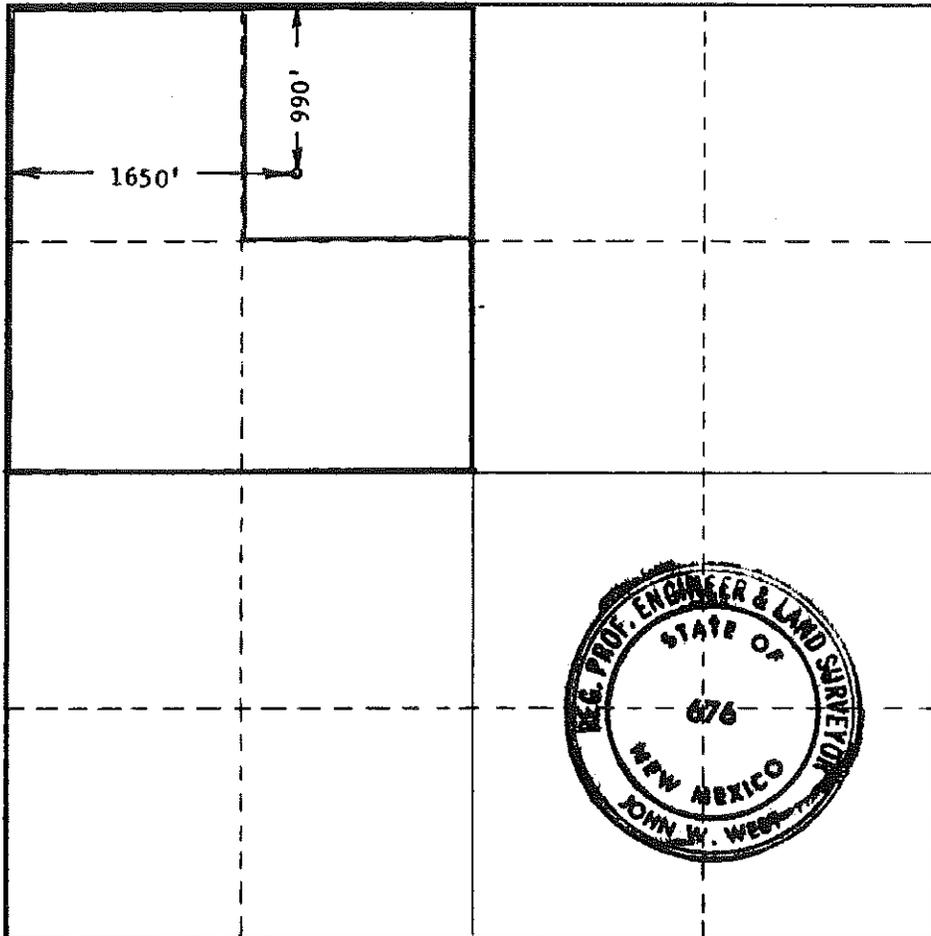
Date
September 28, 1971

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**

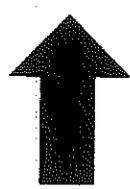
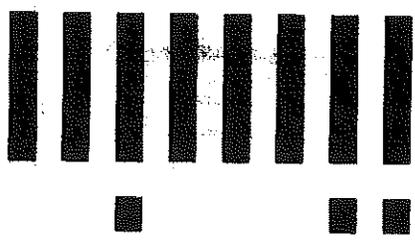


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SEP 8 1971

OIL CONSERVATION COMM,
HOBBS, N. M.



LTR



Job separation sheet

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 ²
	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
 PD 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 "B") 8671-95', open 1 hr 15 mins,
 rec 1700' gas in DP + 4490' sli GC salt wtr +
 210' DM, 1 hr ISIP 2799#, FP 1611-2711#,
 2 hr FSIP 2711#, HP 4804-4440', BH Temp 138 deg

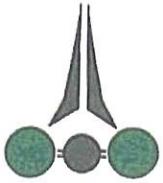
ROOSEVELT
SKELLY OIL CO.

Wildcat NM Sec 35, T7S, R33E
1 Chaverbo - 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") 8737-8810', 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 Drlg. 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 5285', 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

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



Ridgeway
Arizona Oil Corporation

February 12, 2020

VIA CERTIFIED MAIL

**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) 574-7912 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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 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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 Street and Apt. No., or PO Box No. PO Box 281
 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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Sent To Occidental Permian
 Street and Apt. No., or PO Box No. S. E. Greenway Playa #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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 Street and Apt. No., or PO Box No. 333 W. Sheridan Ave
 City, State, ZIP+4® Oklahoma City, OK 73102

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Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

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 Street and Apt. No., or PO Box No. PO Box 2648
 City, State, ZIP+4® Poswell, NM 88202

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 City, State, ZIP+4® Houston, TX 77251

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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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Sent To Shannon Kizer

Street and Apt. No., or PO Box No. PO Box 75

City, State, ZIP+4® Lawrey, NM 88113

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Sent To Tanos Energy Holdings II, LLC

Street and Apt. No., or PO Box No. 821 E Southwest Loop 323

City, State, ZIP+4® Tyler, TX 75701

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Sent To New Mexico State Lands Office

Street and Apt. No., or PO Box No. PO Box 1148

City, State, ZIP+4® Santa Fe, NM 87504

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Sent To Cross Border Resources, Inc.

Street and Apt. No., or PO Box No. 14202 Gillis Road

City, State, ZIP+4® Farmer's Branch, TX 75244

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Sent To BLM Roswell Field Office

Street and Apt. No., or PO Box No. 2909 W. 2nd Street

City, State, ZIP+4® Roswell, NM 88201

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AFFIDAVIT OF LEGAL PUBLICATION

Legal 8498

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

SWD Public Notice Kizer
Legal 8498

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 January 15, 2020
Second Publication
Third Publication:
Fourth Publication

Sammy Newby
Legal Clerk

Subscribed and sworn to before me,
January 15, 2020

Cindy L. Cole
Notary Public

My commission expires on April 3, 2022

Legal 8498
January 15, 2020

NOTICE

Ridgeway Arizona Oil
Corp
575 N Dairy Ashford RD
EC II, Suite
210, Houston, TX 77079
Attn: William Boyd
(713) 574-7912

Does intend to drill a Salt
Water Disposal well in
Section 26, Township 7
South, Range 33 East,
175' From the South Line
and 480' From the East
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.

