AE Order Number Banner

Application Number: pMSG2415741919

SWD-2621

Scorpion Oil & Gas, LLC [332127]

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance _X_ Disposal _____Storage
Application qualifies for administrative approval? _____Yes _____No

II. OPERATOR: Scorpion Oil & Gas LLC.

ADDRESS: 4779 Main Street, Stafford Texas 77477

CONTACT PARTY: Mr. Nathanial Raggette, PHONE: (281) 205-3043or Mike Loudermilk PHONE: (281) 694-4571

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? 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. **See Attachment 1**

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. **See Attachment**

VII. Attach data on the proposed operation, including: See answers below

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. Stimulation will consist of pumping 5 gallons of acid per foot of perforations to open the perforations followed by a produced water flush.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). There is no other Logging or test data at this time. All data has been submitted to the Division. The well will be pressure tested prior to work over to ensure casing integrity. Then the behind pipe cement will be evaluated to make sure adequate isolation exists between the injection zone and other production zone

*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. After some review we can find no freshwater wells that are producing within the one-mile radius of the State T 9.

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. . (From the data we have available, There is no known open faults or hydraulic connection to underground drinking water. This would infer a hydraulic connection from ~9915' to ~150') As Per Cole Reynolds, Senior Geologist Scorpion O&G

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

IV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME:Mike Loudermilk TITLE: VP of Operations

SIGNATURE: Mike Loudermilk DATE:May 9, 2024
E-MAIL ADDRESS: mike@scorpionog.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: _____

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

XII. Affirmative Statement

Re: State T9 SWD Permit Application

We have examined the available geologic and engineering data and find no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water.

Scorpion Oil & Gas, LLC

Date: 5/7/24

Steven Cole Reynolds, *Senior Geologist*

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: **See Well data sheet and Attachments 3&4 Below**

(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. **See Attachments 3&4 Below**

(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. The notice of publication from the Hobbs News Sun and copy of certified mail to the offset operator is attached

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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.

III.

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.

State "T" 9,Unit N, Sec 2, T15S, R37E. 660' FSL & 1650' FWL

(1) The name of the injection formation and, if applicable, the field or pool name.
- Injection will be in the Pennsylvanian (Cisco) formation.

(2) The injection interval and whether it is perforated or open-hole.
- The zone will be perforated with 2SPF .4'dia from 9801' – 9790, 9817' – 10034' and 10050' – 10113'.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.
- The well was originally drilled as a producer.

(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.
- The Devonian was originally perforated from 12368' to 12412'and was plugged by setting a CIBP @ 1`2355' with no reported cement on top. The Devonian was subsequently perforated from 11829' to 12206' and produced. This zone was then TAed by placing a CIBP @ 11000' 20' of cement placed on top. No other zones were perforated in the well bore according the available information.

(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.
- The productive zone above the Pennsylvanian (Cisco) injection zone is the Wolf camp, with the top @ 9048'. It is a known producer in the area, but has never produced from this well bore and is behind pipe and is covered by cement.
- The productive zone below the Pennsylvanian injection zone is the Devonian with a top @ 11636'. It is the primary producer in this well and is cemented behind pipe as well. \

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.

Geologic Age:	Pennsylvanian			
Geologic Name:	Cisco			
Average Thickness:	~810'			
Lithology:	Dolomite			
Measured Depth:	9,294			
USDW's:	Ogallala Formation - present at depths from ~40'-200'			ft
Disposal Target:		9701'	9790'	89'
		9817'	10034'	217'
		10050'	10113'	63'
				369'

VII. Attach data on the proposed operation, including:

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

Based on the history in the area of injection into the Pennsylvanian (Cisco) formation, and recent history of disposal wells in the Penn with 3 ½" IPC tubing installed, it is anticipated the injection rates will be 10,000 bbls or water at 2000PSIA. Of course a test will be run to substantiate the rates and pressures to be approved by the EMNRD

2. Whether the system is open or closed;

The system will be a closed system and all salt water injection will be handled from well to disposal in pipes, tanks and valves made of noncorrosive materials and monitored for leaks and spills.

3. Proposed average and maximum injection pressure;

Maximum design pressures for injection is 2000 psi. The average injection pressure is expected to be much less and will be determined by a step rate test.

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

Water will be from production from the Denton Devonian formation primarily. No other wells are planned to dispose of water in the subject well at this time. Compatibility with the produced water from the Devonian has been demonstrated by the history of the wells that were used for disposal in the Pennsylvanian (Cisco) in this field.

4. 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.).

We have an existing water analysis from the Denton field. And a sample of the Pennsylvanian (Cisco) **See attachment 5** below.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Scorpion Oil and Gas LLC.

WELL NAME & NUMBER: State "T" 9

WELL LOCATION: 350' FSL & 1650'FWL | N | Sec. 2 | 15S | 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

See Attached Well Bore Diagrams 2 & 3

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 – ½"
Casing Size: 13-3/8"
Cemented with: 375 sx. or 397.5 ft3
Top of Cement: Surface
Method Determined: Visual

Intermediate Casing

Hole Size: 12 -1/4"
Casing Size: 9 – 5/8"
Cemented with: 3050 sx. **or** 3233ft^3
Top of Cement: 600'
Method Determined: Temp Survey

Production Casing

Hole Size: 8 -3/4"
Casing Size: 5 -1/2"
Cemented with: 1320 sx. ***or*** 1400 ft^3
Top of Cement: 8274'
Method Determined: CBL
Total Depth: 12797'

Injection Interval
9701' to 10113' feet
Perforated 2SPF

Side 2

INJECTION WELL DATA SHEET

Tubing Size: ___3 ½" 7.7 # N- 80 IPC Lining Material: High strength Epoxy

Type of Packer: Arrowset 1X Packer

Packer Setting Depth: _9601'

Other Type of Tubing/Casing Seal (if applicable): NA

Additional Data

1. Is this a new well drilled for injection? No

   If no, for what purpose was the well originally drilled? _Production from the Devonian

2. Name of the Injection Formation: Pennsylvanian (Cisco)

3. Name of Field or Pool (if applicable): NA_

4. Has the well ever been perforated in any other zone(s)? List all such perforated. intervals and give plugging detail, i.e. sacks of cement or plug(s) used. **See Attachment 3 & 4** _

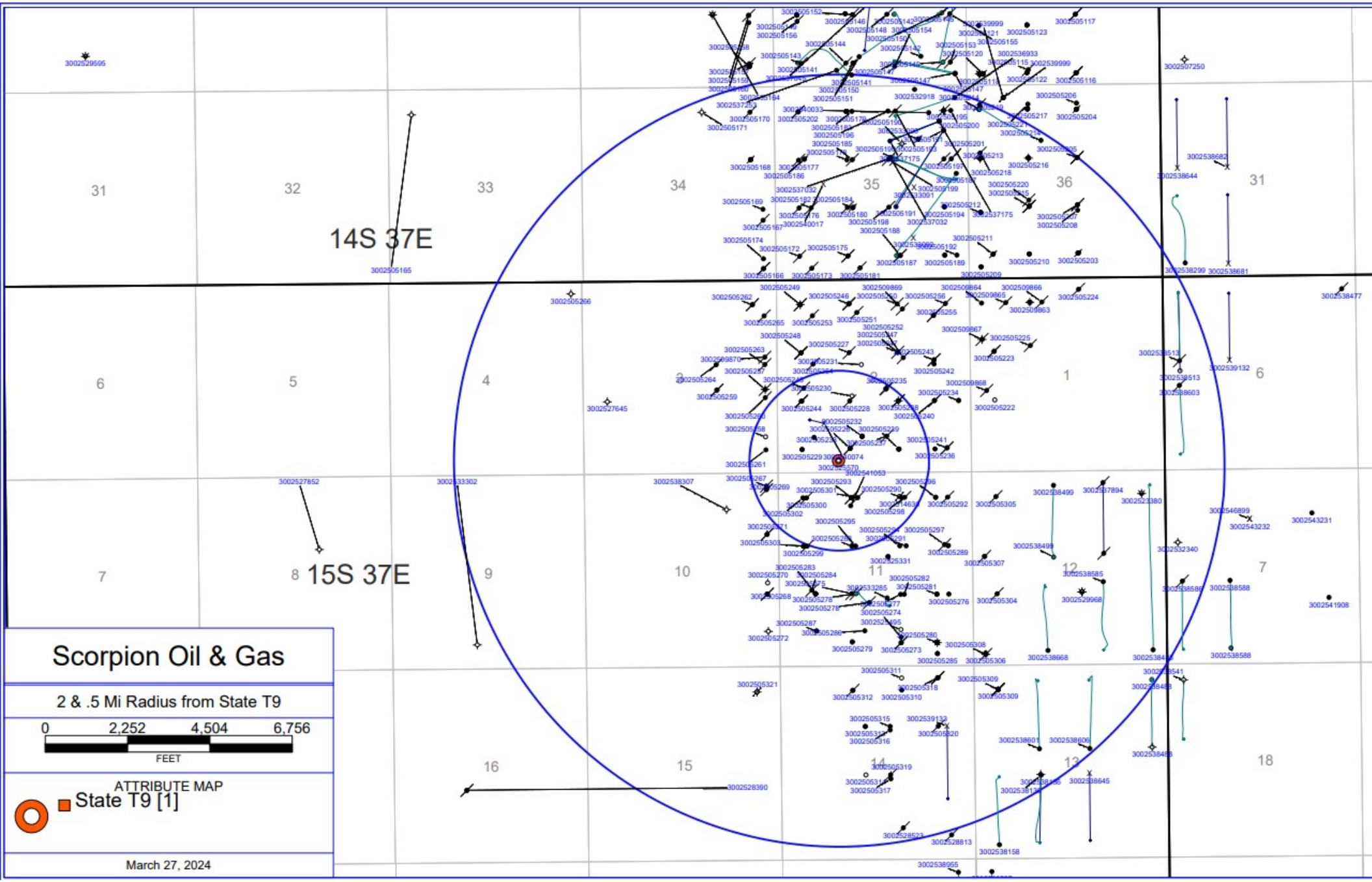
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

_____

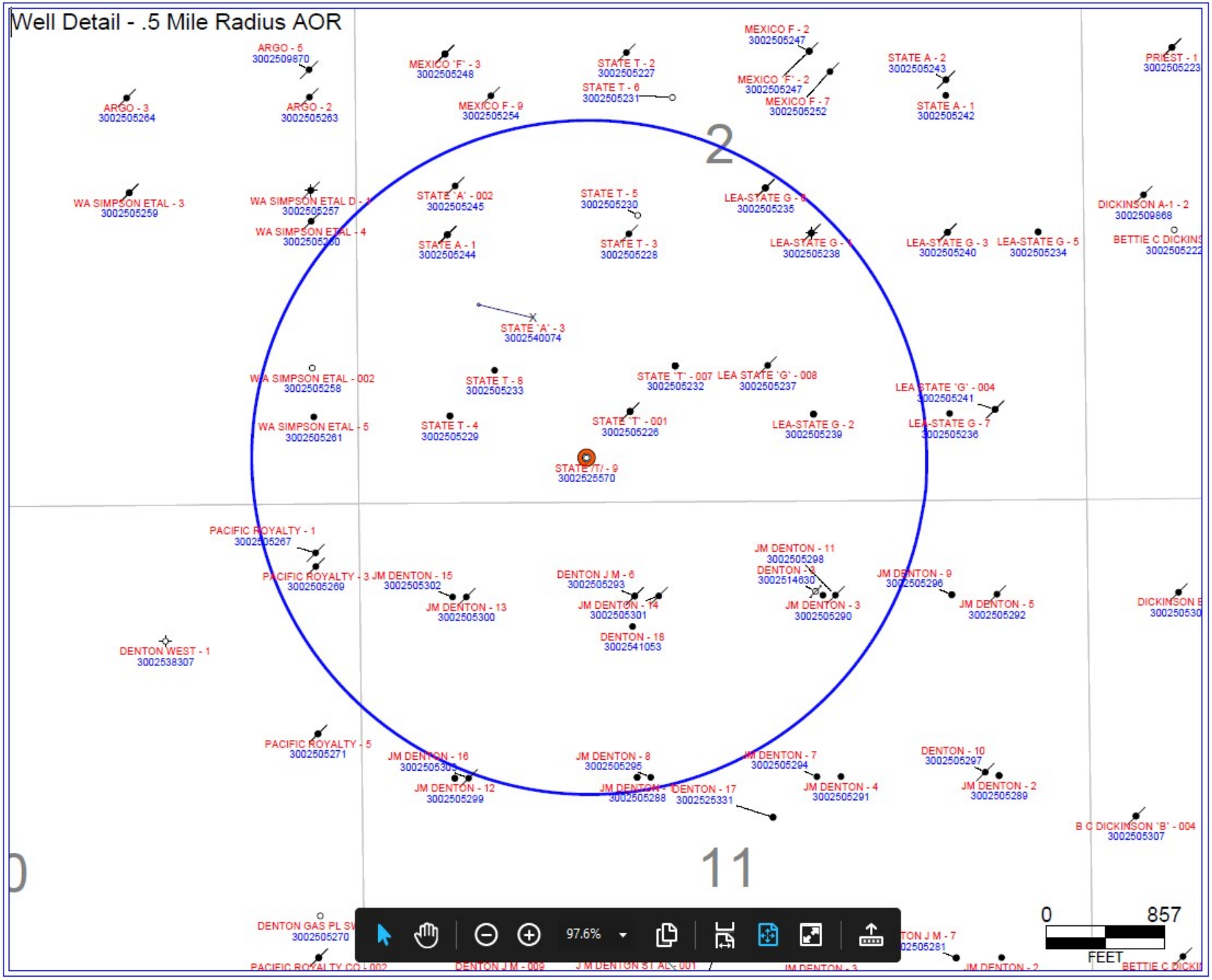
_____Wolfcamp – Top @ 9040'_____

_____Devonian - _Top @ 11634'_____

Attachment 1



Attachment 1 cont.



List of wells within the area of review which penetrate the injection zone Attachment 2

				SURFACE LOCATION						Surface casing						Intermediate Casing					
Well Name	Operator	API Number	Well Type	Township	Range	Section	Latitude	Longitude	From N/S & E/W	Casing Size	Hole Size	Depth	Sx Cmt	TOC	Method	Casing Size	Hole Size	Depth	Sx Cmt	TOC	Method
DENTON - 3	PHILLIPS PETRLM CO	30-025-14630	JNK	15S	37E	11	33.0372849	-103.1682806	659' FNL & 1981' FEL	13.375		338	350								
STATE T - 4	RING ENERGY INC	30-025-05229	OIL	15S	37E	2	33.0408805	-103.1769142	660' FSL & 660' FWL	13.375	17.500	327	325	Surface	Reg Docs	9.625	12.250	4,663	3,000	Surface	Reg Docs
STATE T - 8	AMERICO ENGY RES LLC	30-025-05233	OIL	15S	37E	2	33.0417817	-103.1758403	990' FSL & 990' FWL							9.625		2,168	1,300		
LEA-STATE G - 2	LEGACY RESERVES OPER	30-025-05239	OIL	15S	37E	2	33.0408345	-103.1682815	660' FSL & 1980' FEL	13.375	17.250	368	350			9.625	12.250	4,701	2,000		
WA SIMPSON ETAL - 5	LEGACY RESERVES OPER	30-025-05261	OIL	15S	37E	3	33.04089	-103.1801445	660' FSL & 330' FEL	13.375	17.250	371	400			9.625	12.250	4,699	2,650		
JM DENTON - 1	FASKEN OIL&RANCH LTD	30-025-05288	OIL	15S	37E	11	33.0336017	-103.1725643	1980' FNL & 1988' FWL	13.375	18.000	338	350	Surface	Reg Docs	8.625	11.000	4,733	3,700	Surface	Reg Docs
JM DENTON - 3	FASKEN OIL&RANCH LTD	30-025-05290	OIL	15S	37E	11	33.0372084	-103.1681077	660' FNL & 1935.5' FEL	13.375	18.000	338	350	Surface	Reg Docs	8.625	11.000	4,643	3,600	Surface	Reg Docs
JM DENTON - 8	FASKEN OIL&RANCH LTD	30-025-05295	OIL	15S	37E	11	33.0335999	-103.1722413	1980' FNL & 2087' FWL	13.375	17.250	352	350	Surface	Reg Docs	8.625	11.000	4,638	2,100	Surface	Reg Docs
JM DENTON - 12	FASKEN OIL&RANCH LTD	30-025-05299	OIL	15S	37E	11	33.0336247	-103.1768905	1980' FNL & 662' FWL	13.375	17.500	347	350	Surface	Reg Docs	8.625	11.000	4,649	2,800	Surface	Reg Docs
JM DENTON - 15	FASKEN OIL&RANCH LTD	30-025-05302	OIL	15S	37E	11	33.0372526	-103.1768982	660' FNL & 662' FWL	13.375	17.500	367	300	Surface	Reg Docs	8.625	11.000	4,651	1,900	Surface	Reg Docs
DENTON - 18	FASKEN OIL&RANCH LTD	30-025-41053	OIL	15S	37E	11	33.0366232	-103.1726335	907' FNL & 1981' FWL	13.375	17.500	413	420	Surface	Reg Docs	9.625	12.250	4,721	1,760	Surface	Reg Docs
STATE `T` - 1 / Denton SWD 5	FASKEN OIL&RANCH LTD	30-025-05226	PLUGOIL	15S	37E	2	33.04093	-103.1726342	660' FSL & 1980' FWL	13.375	17.500	294	350	Surface	Reg Docs	9.625	12.250	4,596	3,000	Surface	Reg Docs
STATE T - 3	CELERO ENERGY LP	30-025-05228	PLUGOIL	15S	37E	2	33.0444854	-103.1726185	1980' FSL & 1980' FWL	13.375	17.000	343	350			9.625	12.250	4,625	3,000		
LEA-STATE G - 6	GULF OIL CORP	30-025-05235	PLUGOIL	15S	37E	2	33.045375	-103.1693637	2310' FSL & 2310' FEL	13.375	17.500	330	400	Surface	Reg Docs	9.625	12.250	4,649	2,000	1,522	Reg Docs
LEA STATE `G` - 008	LEGACY RESERVES OPER	30-025-05237	PLUGOIL	15S	37E	2	33.041822	-103.1693577	990' FSL & 2310' FEL	13.375	17.250	340	400	Surface	Reg Docs	9.625	12.250	4,659	2,850		
LEA-STATE G - 1	CHEVRON U S A INC	30-025-05238	PLUGOIL	15S	37E	2	33.0444623	-103.1682858	1980' FSL & 1980' FEL	13.375	17.500	369	350	Surface	Reg Docs	9.625	12.250	4,695	2,000		
STATE A - 1	RESOLUTE NATURAL RES	30-025-05244	PLUGOIL	15S	37E	2	33.0445084	-103.1769257	1980' FSL & 660' FWL	13.375	17.250	356	300	Surface	Reg Docs	8.625	11.000	4,680	3,500	Surface	Reg Docs
STATE `A` - 002	RING ENERGY INC	30-025-05245	PLUGOIL	15S	37E	2	33.0454836	-103.1767303	2310' FSL & 721' FWL	13.375	17.250	355	325	Surface	Reg Docs	8.625	11.000	4,682	3,000	Surface	Reg Docs
PACIFIC ROYALTY - 1	POLARIS PROD CORP	30-025-05267	PLUGOIL	15S	37E	10	33.0381692	-103.1801368	330' FNL & 330' FEL	13.375	17.250	350	350	Surface	Reg Docs	8.625	11.000	4,812	2,500	Surface	Reg Docs
PACIFIC ROYALTY - 3	POLARIS PROD CORP	30-025-05269	PLUGOIL	15S	37E	10	33.0378943	-103.1801362	430' FNL & 330' FEL	13.375	17.250	376	350	Surface	Reg Docs	8.625	11.000	4,805	2,400	Surface	Reg Docs
DENTON J M - 6	FASKEN OIL&RANCH LTD	30-025-05293	PLUGOIL	15S	37E	11	33.0372323	-103.172575	659' FNL & 1987' FWL	13.375	17.500	350	450	Surface	Reg Docs	8.625	11.000	4,650	1,725	Surface	Reg Docs
JM DENTON - 11	FASKEN OIL&RANCH LTD	30-025-05298	PLUGOIL	15S	37E	11	33.0372069	-103.1678108	659' FNL & 1837' FEL	13.375	17.500	351	350	Surface	Reg Docs	8.625	11.000	4,649	2,600	Surface	Reg Docs
JM DENTON - 13	FASKEN OIL&RANCH LTD	30-025-05300	PLUGOIL	15S	37E	11	33.0372509	-103.1765719	660' FNL & 762' FWL	13.375	17.500	351	350	Surface	Reg Docs	8.625	11.000	4,652	1,550	Surface	Reg Docs
JM DENTON - 14	FASKEN OIL&RANCH LTD	30-025-05301	PLUGOIL	15S	37E	11	33.0372292	-103.172004	659' FNL & 2162' FWL	13.375	17.500	350	350	Surface	Reg Docs	8.625	11.000	4,647	2,150	Surface	Reg Docs
JM DENTON - 16	FASKEN OIL&RANCH LTD	30-025-05303	PLUGOIL	15S	37E	11	33.033623	-103.1765643	1980' FNL & 762' FWL	13.375	17.500	347	300	Surface	Reg Docs	8.625	11.000	4,649	1,950	228	Reg Docs
STATE T - 5	AMERICO ENGY RES LLC	30-025-05230	TA-OIL	15S	37E	2	33.0448551	-103.1724043	2115' FSL & 2046' FWL												
STATE `T` - 007	RING ENERGY INC	30-025-05232	TA-OIL	15S	37E	2	33.0418321	-103.1715549	990' FSL & 2310' FWL		17.250					9.625	12.250	2,089	1,300		
W A SIMPSON ETAL - 002	LEGACY RESERVES OPER	30-025-05258	TA-OIL	15S	37E	3	33.0418687	-103.1801696	990' FSL & 330' FEL	13.375	17.250	356	450	Surface	Reg Docs	9.625	12.250	4,699	1,900	1,060	Reg Docs
STATE /T/ - 9	RING ENERGY INC	30-025-25570	TA-OIL	15S	37E	2	33.0400113	-103.1736813	350' FSL & 1650' FWL	13.375	17.500	361	375	Surface	Reg Docs	9.625	12.250	4,700	3,050	600	Reg Docs

Casing Size	Hole Size	Depth	Sx Cmt	TOC	Method	Production Casing or Liner: Casing Size	Hole Size	Depth	Sx Cmt	TOC	Method	Spud Date	TD	Comp	Type	Interval	Prod Fm
												4/2/1951	583				
						7.000	8.750	12,400	465	Surface	Reg Docs	4/6/1952	12,400	Perf	Acidize	11667-12204 12257-12393	Devonian
						7.000		9,287	1,550			11/24/1952	9,295	Perf		9020-9180	
						7.000	8.750	11,899	440			7/24/1951	12,190	Perf	Acidize	11712-11891 11899-12085	Devonian
						7.000	8.250	9,079	200			6/28/1953	9,243	Openhole	Acidize	9079-9243	Wolfcamp
						5.500	7.875	12,621	1,936	Surface	Reg Docs	9/23/1950	12,623	Perf	Acidize	11585-12500	Devonian
						5.500	7.875	12,797	1,076	3,700	Reg Docs	4/12/1951	12,800	Perf	Acidize	12263-12290 12314-12340 12716-12795	Devonian
						5.500	7.875	9,652	932			12/13/1951	9,698	Perf	Acidize	9056-9210 9250-9330 9355-9455 9480-9516 9522-9530	Wolfcamp
						5.500	7.875	12,773	1,180			12/30/1951	12,780	Perf	Acidize	9244-9444 12056-12110 12600-12700 12750-12770	Wolfcamp/ Devonian
						5.500	7.875	9,600	800	750	Reg Docs	8/19/1953	9,600	Perf	Acidize	9150-9260 9290-9430	Wolfcamp
						5.500	8.750	12,846	2,650	1,532	Reg Docs	4/7/2013	12,865	Perf	Acidize	12074-12190 12268-12737	Devonian
						7.000	8.750	12,730	950			1/13/1951	12,730	Perf	Acidize	9057-9092 9660-10148 11675-11846 11902-12080 12422-12472 12522-12572	Wolfcamp/ Devonian
						7.000	8.750	11,671	800			1/13/1952	12,483	Openhole/ Perf	Acidize	11715-12483OH 11725-11871 11972-12062 12230-12294	Devonian
						7.000	8.750	9,207	380	7,289	Reg Docs	11/25/1952	9,250	Openhole/ Perf	Acidize	9050-9185 9208-9250	Wolfcamp
						7.000	8.750	9,429	500	5,700	Reg Docs	1/24/1953	9,430	Perf	Acidize	9135-9205 9235-9265	Wolfcamp
						7.000	8.750	12,831	635			6/5/1951	12,835	Perf	Acidize	9108-9171 11904-12086 12125-12226 12430-12725	Wolfcamp/ Devonian
						5.500	7.875	12,500	825	8,240	Reg Docs	8/22/1951	12,682	Openhole/ Perf	Acidize	11814-11940 11984-12082 12185-12322 12306-12322 12500-12682OH	Devonian
						5.500	7.875	9,300	850			8/12/1952	9,302	Perf	Acidize	9038-9236	Wolfcamp
						5.500	7.875	12,353	600	8,000	Reg Docs	12/30/1952	12,635	Openhole/ Perf	Acidize	12161-12318 12353-12635OH	Devonian
						5.500	7.875	9,351	350			7/24/1953	9,350	Perf	Acidize	9170-9337	Wolfcamp
						5.500	7.875	12,695	1,500	1,750	Reg Docs	12/21/1951	12,700	Perf	Acidize	11818-12240 12500-12600	Devonian
						5.500	7.875	9,552	650			1/20/1952	9,463	Perf	Acidize	9090-9210 9415-9458 9478-9530	Wolfcamp
						5.500	7.875	12,746	1,600			6/4/1952	12,750	Perf	Acidize	11800-12100 12186-12242 12336-12390 12430-12530 12580-12670 12700-12730	Devonian
						5.500	7.875	9,545	725			5/20/1952	9,550	Perf	Acidize	9035-9165 9195-9356 9385-9412 9430-9470 9510-9535	Wolfcamp
						5.500	7.875	9,472	750	500	Reg Docs	10/22/1953	9,472	Perf	Acidize	9200-9420	Wolfcamp
												11/8/1952	9,250	Perf	Acidize	9018-9093 9128-9180	Wolfcamp
7.625	8.75	7168	1200			5.500	6.625	9,247	150			11/18/1952	9,232	Perf		9064-9124 11670-11709 11955-12366 12216-12275 12216-12366	
						7.000	8.750	12,400	310			2/4/1953	12,500	Perf	Acidize	11960-12230	Devonian
						5.500	8.750	12,797	1,320			7/23/1977	12,800	Perf	Acidize	12188-12236 12368-12412	Devonian

Attachment 3

State "T" # 9 350' FSL & 1650' FWL of Sec. 2, T15S, R37E, Unit Letter "N"

API # 30-025-25570

Current Completion 4/29/2024

Spud: 7/23/1977
Compl: 10/25/1977
Elev: 3798' GL / 3820' DF

SPUD DATE	7/23/1977	
COMPLETION DATE	10/25/1977	
K.B. ELEV.		
D.F. ELEV.	3820'	
GROUND LEVEL	3798'	

SURFACE CASING

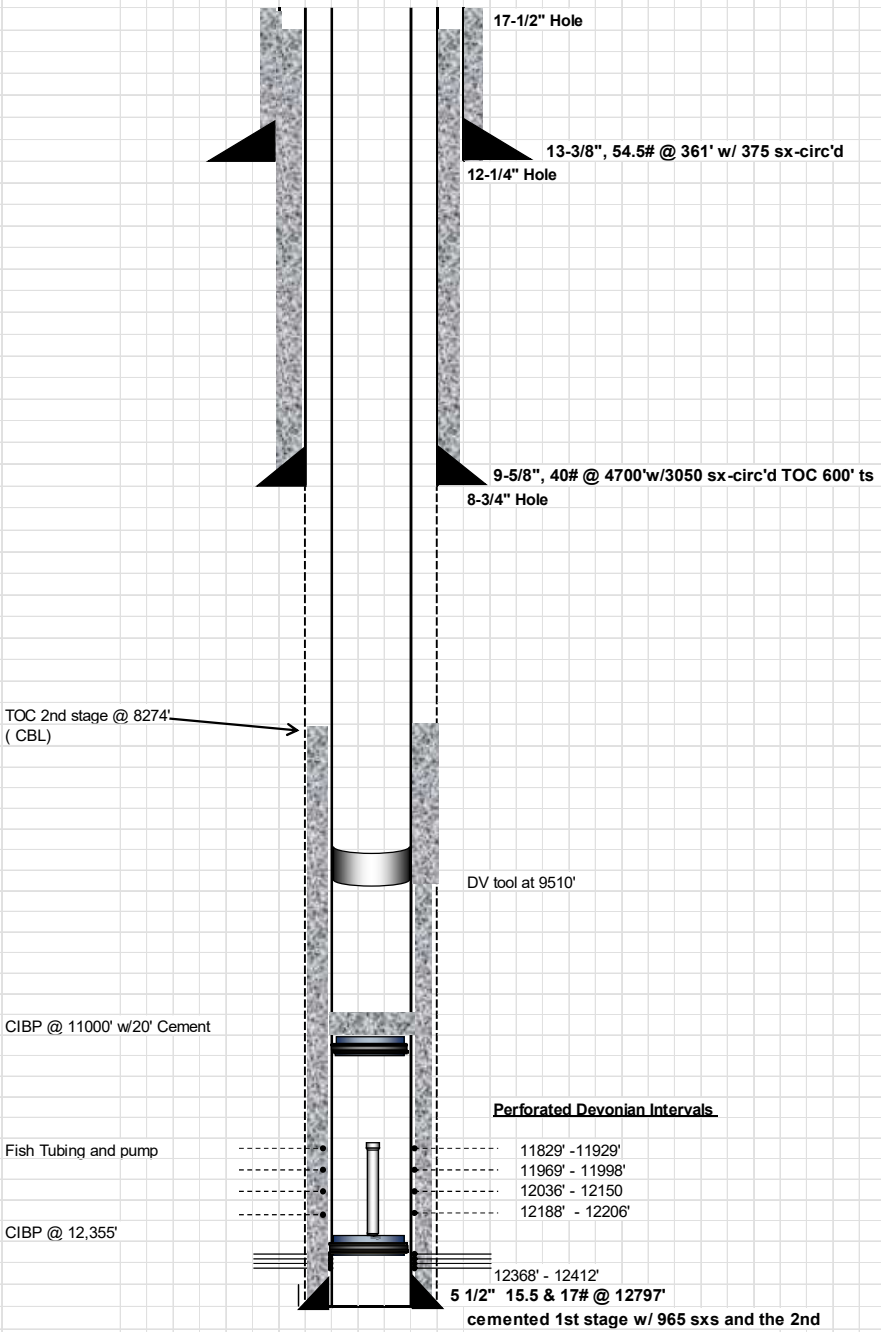
SIZE	13-3/8"	WEIGHT	54.0#	DEPTH	361'
GRADE		SX. CMT.	375 sx	TOC @	Surface
Hole	17-1/2''				

INTERMEDIATE CASING

SIZE	9-5/8"	WEIGHT	40.0#	DEPTH	4700'
GRADE		SX. CMT.	3050 sx	TOC @	Surface
Hole	12-1/4''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2"	WEIGHT	15.5 & 17#	DEPTH	12795'
GRADE		SX. CMT.	965 sx	TOC @	8,274
Hole	8-3/4"	SX. CMT.	355 sx	DV TOOL	9510'



Formation Top	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta	6150'		
Drinkard			
Tubbs			
Abo	7960'		
Wolfcamp	9048'		
Per Penn	9701'		
Miss			
Woodford			
Devonian	11636'		

Attachment 4

State "T" # 9 350' FSL & 1650' FWL of Sec. 2, T15S, R37E, Unit Letter "N"

Proposed Completion

API # 30-025-25570

Spud: 7/23/1977
Compl: 10/25/1977
Elev: 3798' GL / 3820' DF

SPUD DATE	7/23/1977
COMPLETION DATE	10/25/1977
K.B. ELEV.	
D.F. ELEV.	3820'
GROUND LEVEL	3798'

SURFACE CASING

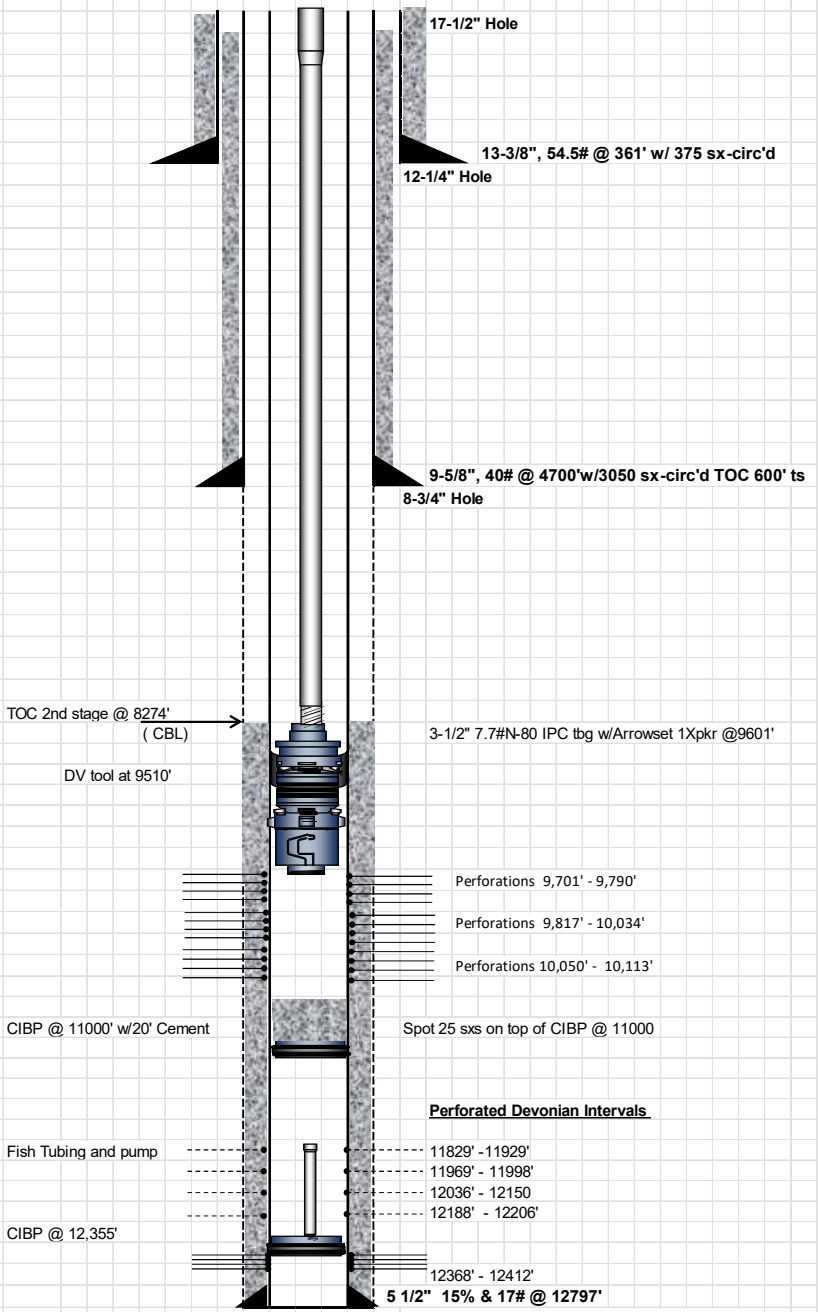
SIZE	13-3/8"	WEIGHT	54.0#	DEPTH	361'
GRADE		SX. CMT.	375 sx	TOC @	Surface
Hole	17-1/2"				

INTERMEDIATE CASING

SIZE	9-5/8"	WEIGHT	40.0#	DEPTH	4700'
GRADE		SX. CMT.	3050 sx	TOC @	Surface
Hole	12-1/4"	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2"	WEIGHT	15.5 & 17#	DEPTH	12795'
GRADE		SX. CMT.	965 sx	TOC @	8,274
Hole	8-3/4"	SX. CMT.	355 sx	DV TOOL	9510'



Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta	6150'		
Drinkard			
Tubbs			
Abo	7960'		
Wolfcamp	9048'		
Penr Penn	9701'		
Miss			
Woodford			
Devonian	11636'		

Attachment 5

Disposal water analysis

Oilfield Labs of America
3302 Pilot Ave.
Midland, Texas 79706
432-789-1860

Report Date: 6/19/2018

Complete Water Analysis

Customer:	Tech Management	Account Rep:	Bryan Gordon
Operator:	Wishbone	Sample ID:	01180615050
Lease:	TD Pope 26-6	Sample Date:	6/13/2018
Sample Point:	WH	Received Date:	6/15/2018
Region:	Not Provided	Log Out Date:	6/19/2018

Tech Management, Wishbone, TD Pope 26-6,WH

Field Data	
Initial Temperature (°F):	190
Final Temperature (°F):	80
Initial Pressure (psi):	1250
Final Pressure (psi):	15
Sample Specifics	
pH:	6.9

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	781	12.8
Carbonate (CO_3^{2-}):	0.0	0.0
Hydroxide (OH^-):	ND	
aqueous CO_2 (ppm):	60.0	
aqueous H_2S (ppm):	162	
Calculated TDS (mg/L):		91556
Calculated Density (g/cm³):		1.0577
Resistivity (Ωcm):		7.85
Conductivity (mS/cm):		N/A
Turbidity (NTU):		N/A

N/A - Not Applicable

Analysis of Sample — Anions:	mg/L	meq/L
Chloride (Cl^-):	56400	1591.0
Sulfate (SO_4^{2-}):	1500	31.2
Borate (H_3BO_3):	78.7	1.3
Silica (SiO_2):	23.0	0.4
Phosphate (PO_4^{3-}):	4.9	0.2
Anion EPM Total:		1636
% RPD of Cations/Anions:		11.4%

Cations:	mg/L	meq/L
Sodium (Na^+):	28476	1239.2
Potassium (K^+):	533	13.6
Magnesium (Mg^{2+}):	690	56.8
Calcium (Ca^{2+}):	2981	148.8
Strontium (Sr^{2+}):	89.4	2.0
Barium (Ba^{2+}):	ND	
Iron (Fe^{2+}):	ND	
Manganese (Mn^{2+}):	ND	
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	ND	
Lithium (Li^+):	6.3	0.9
Aluminum (Al^{3+}):	ND	
Total Hardness ($CaCO_3$):	10389	
Cation EPM Total:		1460

ND = Not Detected

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	1.21	154.380	-0.26	0.000	-0.46	0.000
92°F	152 psi		0.000	1.12	147.074	-0.26	0.000	-0.41	0.000
104°F	289 psi		0.000	1.15	149.444	-0.26	0.000	-0.36	0.000
117°F	427 psi		0.000	1.18	151.486	-0.26	0.000	-0.31	0.000
129°F	564 psi		0.000	1.22	153.287	-0.25	0.000	-0.25	0.000
141°F	701 psi		0.000	1.26	154.919	-0.25	0.000	-0.19	0.000
153°F	838 psi		0.000	1.30	156.443	-0.25	0.000	-0.13	0.000
166°F	976 psi		0.000	1.34	157.912	-0.24	0.000	-0.06	0.000
178°F	1113 psi		0.000	1.38	159.366	-0.24	0.000	0.01	11.997
190°F	1250 psi		0.000	1.42	160.838	-0.23	0.000	0.08	104.173

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.08	0.000	-1.62	0.000	0	0.000		0.000
92°F	152 psi	-0.08	0.000	-1.63	0.000	0	0.000		0.000
104°F	289 psi	-0.08	0.000	-1.64	0.000	0	0.000		0.000
117°F	427 psi	-0.08	0.000	-1.65	0.000	0	0.000		0.000
129°F	564 psi	-0.08	0.000	-1.66	0.000	0	0.000		0.000
141°F	701 psi	-0.08	0.000	-1.66	0.000	0	0.000		0.000
153°F	838 psi	-0.08	0.000	-1.67	0.000	0	0.000		0.000
166°F	976 psi	-0.07	0.000	-1.67	0.000	0	0.000		0.000
178°F	1113 psi	-0.06	0.000	-1.67	0.000	0	0.000		0.000

Pennsylvanian (Cisco) water analysis

ROSWELL GEOLOGICAL SOCIETY SYMPOSIUM

Author: Tom L. Ingram
Affiliation: Independent Geologist
Date: August 1976

Field Name: Southwest Gladiola Pennsylvanian
Location: T-12-S, R-37-E
County & State: Lea County, New Mexico

Discovery Well: Nearburg & Ingram #1 Midhurst, NW/4 NW/4 Section 35, T-12-S, R-37-E, IPF 456 BOPD, completed 1-25-61.

Exploration Method Leading to Discovery:
Subsurface geology and drilling to deeper horizon.

Pay Zone:
Formation Name: Pennsylvanian
Depth & Datum Discovery Well: 11,119
Lithology Description:
Conglomeratic quartzitic sand

Approximate average pay: 10 gross 5 net
Productive Area 400 acres

Type Trap: Faulted anticline

Reservoir Data:
20 % Porosity, _____ Md Permeability, _____ % Sw, _____ % So
Oil: 52° API intermediate crude
Gas:
Water: 30,000 Na+K, 2,440 Ca, 218 Mg, 50,400 Cl, Light SO_4, 512 CO_2, or HCO_3, trace
Specific Gravity 1.045 Resistivity 0.1065 ohms @ 78 °F
Initial Field Pressure: 3565 psi @ -7211 datum Reservoir Temp. 163 °F
Type of Drive:
Solution gas

Normal Completion Practices:
Set casing through pay, perforate, acidize with 500 gallons.

Type completion:
Flowing
Normal Well Spacing 80 Acres

Deepest Horizon Penetrated & Depth:
Devonian 12,350'

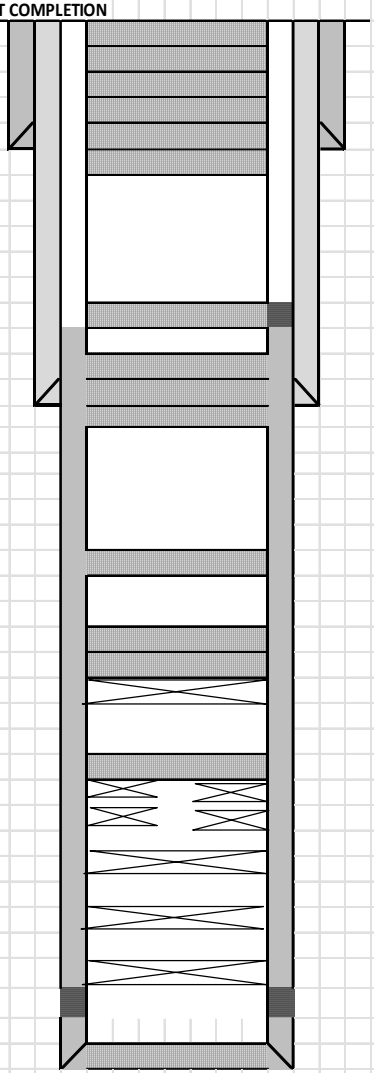
Other Producing Formations in Field:
Wolfcamp and Devonian

Plugged wells in the area.

Operator:	**Scorpion Oil & Gas**	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	JM Denton #14	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05301
FORMER OPERATOR	Faskin Oil and Ranch	**Location:**	c unit 659' FNL & 2137' FWL Sec 11, T15S, R37E
			The well is located in Lea County Denton Wolfcamp pool.

SPUD DATE	3/4/1952
COMPLETION DATE	7/1/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3811'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	48.0#	DEPTH	350'
GRADE	H-40	SX. CMT.	350 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32 &24	DEPTH	4647'
GRADE		SX. CMT.	2150	TOC @	Surface
Hole	11"	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2"	WEIGHT	15.5, 17, &20	DEPTH	9545'
GRADE	K-55	SX. CMT.	300 sx	TOC @	3250 ts
Hole	7-7/8"	SX. CMT.	425 sx	DV TOOL	7497.00

PRODUCTION LINER

SIZE		WEIGHT		Top Liner	
GRADE		SX. CMT.		DEPTH	
Hole				TOC @	

PBTD@	9545'
TD@	9550'

Set DH marker

13 3/8" set @ 347'

Perforate 400' sqz 125sxs to surface

Perf @ 3200' Spot 25 sxs @ 2920' - 3250'

TOC 3250'

8-5/8" @ 4647'

Spot 35 sxs @ 4390' - 4750' tagged

Spot 25 sxs @ 7344' to 7600' tagged

Spot 25 sxs @ 9002'

CIBP w/ 35 sxs @ 8985' - 9020'

Plug 550Sx Hydromite 9120' to 9177'

Baker Model D @ 9177'

Baker Model D @ 9180'

Perforations, 9195' - 9356'

CR 9375' W/ 8' cemt

Perforations 9385' - 9412'

CR 9420' W/ 8' cemt

Perforations. 9430' - 9470'

CR 9505' W/ 8' cemt

Perforations. 9510' - 9535'

5 1/2" set @ 9472'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates	3146'		
Grayburg			
San Andres	4657'		
Holt			
Glorieta	6195'		
Drinkard			
Tubbs			
Abo			
Penn	10895'		
Wolfcamp	9225'		
Miss	11510'		
Woodford	12269'		
Devonian	12395'		

WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	Denton #6	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05293
FORMER OPERATOR	Fasken Oil and Ranch	**Location:**	C unit 659' FNL & 1987' FWL Sec 11, T15S, R37E
			The well is located in Lea County No. Denton pool.

SPUD DATE	12/23/1951
COMPLETION DATE	7/1/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3810'

SURFACE CASING

SIZE	13-3/8"	WEIGHT	27.3#	DEPTH	349'
GRADE		SX. CMT.	450 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	26 & 32#	DEPTH	4640'
GRADE		SX. CMT.	1725	TOC @	Surface
Hole	11''	SX. CMT.		1"	

DV tool @ 8915'

PRODUCTION CASING

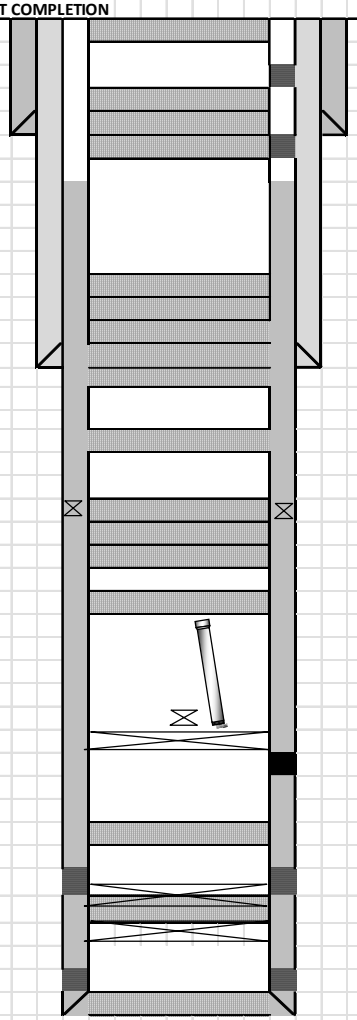
SIZE	5-1/2''	WEIGHT	17 & 20#	DEPTH	12695'
GRADE		SX. CMT.	615 sx	TOC @	1750 ts
Hole	7-7/8''	SX. CMT.	885 sx	DV TOOL	8915.00

PRODUCTION LINER

SIZE		WEIGHT		Top Liner	
GRADE		SX. CMT.		DEPTH	
Hole				TOC @	

PBTD@	12685'
TD@	12700'

CURRENT COMPLETION



Set DH marker

Spot plug 12 sxs from 0 to 124'

Perf @ 60' would not squeeze

13 3/8" set @ 349'

Perf @ 400' spot 25 sxs from 450' - 235'

TOC @1750' ts

Spot 25 sxs @1812'

8-5/8" @ 4640'

Spot 25 sxs from 4514' - 4777' Tagged

Spot 25 sxs @ 6199

Spot 25 sxs @ 9020'

Spot 25 sxs from 9045' - 9073' tagged

Spot 50 sxs from 9090' - 9123' tagged

Spot 50 sxs from 9477' - 9928' tagged

243' 2 - 7/8" tubing lost in hole. 9930' - 10173'

Fish in hole 4 5/8" mill bit sub and partial jars

Stuck Bridge plug@ 10160'

Hole in casing Milled out when attempting plug.

Perforations 11559' - 12240'

RPB mandreel with Bull plug @ 12170'

70 sxs cement from 12390' - 12470'

Model D Packer @ 12470

Perforations. 12500' - 12600

5 1/2" set @ 12695'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta			
Drinkard			
Tubbs			
Abo			
Penn			
Wolfcamp			
Miss			
Woodford			
Devonian	11540'		

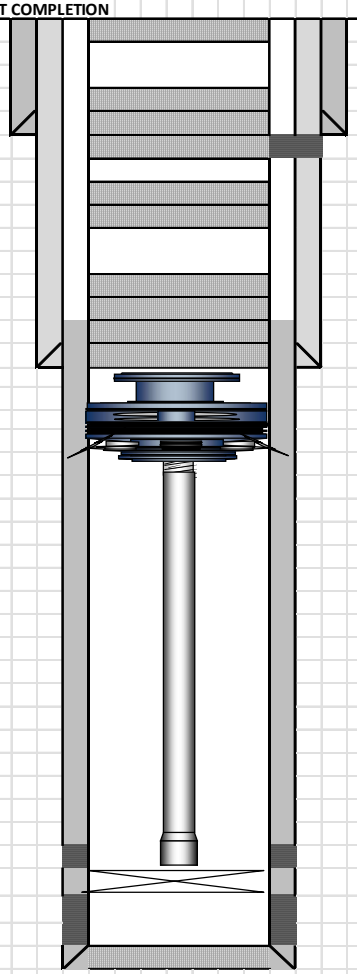
WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	JM Denton #13	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05300
FORMER OPERATOR	Fasken Oil and Ranch LTD	**Location:**	D unit 660' FNL & 762' FWL Sec 11, T15S, R37E
			The well is located in Lea County Denton pool.

SPUD DATE	6/4/1952
COMPLETION DATE	10/19/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3803'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	27.3#	DEPTH	351'
GRADE		SX. CMT.	350 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32 &24	DEPTH	4653'
GRADE		SX. CMT.	1550	TOC @	Surface
Hole	11''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2''	WEIGHT	15.5, 17, &20	DEPTH	12736'
GRADE		SX. CMT.	700 sx	TOC @	4250 ts
Hole	7-7/8''	SX. CMT.	950 sx	DV TOOL	8807.00

PRODUCTION LINER

SIZE		WEIGHT	
GRADE		SX. CMT.	
Hole			
		Top Liner	
		DEPTH	
		TOC @	

PBTD@	12736'
TD@	12750'

Set DH marker

Set 10sxs surface plug

13 3/8" set @ 351'

Perf @ 400' Pump 90sxs to 241' tagged

Spot 75 sxs from 1384' - 2179'

Spot 50 sxs from 4598' to 5025' tagged

TOC 4250 ts

8-5/8" @ 4820'

5 1/2 " RBP @ 5026 with 3 3/8"X 51/2" long Casing cutter fireing head on top.

Top of Fish 5489'

27/8" tubing Lost in hole,

ESP cable, Motor Pump,

Perforations 11800' - 12100'

Baker Model 415 D Blanked off @ 12130'

Perforations. 12186' - 12730'

5 1/2" set @ 12736'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler	3262'		
Yates	3051'		
Grayburg			
San Andres			
Holt			
Glorieta	6212'		
Drinkard			
Tubbs	7310'		
Abo	7940'		
Penn			
Wolfcamp	9025'		
Miss			
Woodford			
Devonian			

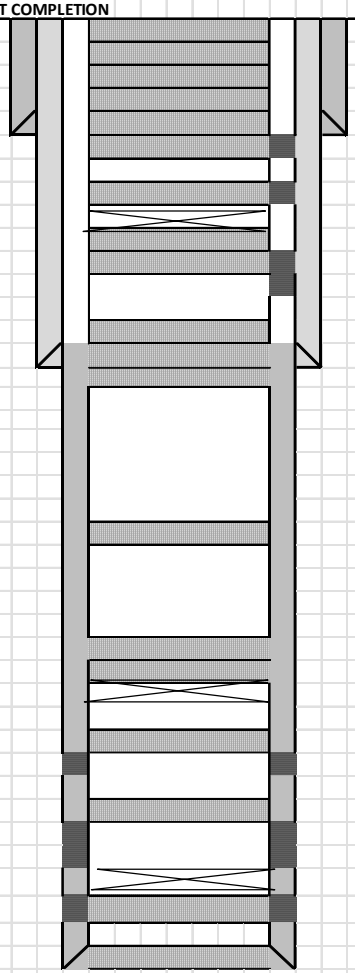
WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	Denton #11	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05298
FORMER OPERATOR	Fasken Ol and Ranch LTD	**Location:**	B unit 660' FNL & 1815' FEL Sec 11, T15S, R37E
			The well is located in Lea County Denton wolfcamp pool.

SPUD DATE	1/20/1952
COMPLETION DATE	3/22/1952
K.B. ELEV.	
D.F. ELEV.	3805'
GROUND LEVEL	3792'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	27.3#	DEPTH	351'
GRADE		SX. CMT.	350 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	24, 28, & 32#	DEPTH	4649'
GRADE		SX. CMT.	2600	TOC @	Surface
Hole	11''	SX. CMT.		1"	

DV tool @ 7690

PRODUCTION CASING

SIZE	5-1/2''	WEIGHT	14, & 17#	DEPTH	9552'
GRADE		SX. CMT.	275 sx	TOC @	4250 ts
Hole	7-7/8''	SX. CMT.	375 sx	DV TOOL	11900.00

PRODUCTION LINER

SIZE		WEIGHT	
GRADE		SX. CMT.	
Hole			
		Top Liner	
		DEPTH	
		TOC @	

PBTD@	9552'
TD@	9555'

Set DH marker

13 3/8" set @ 347'

Perf @ 450' Sqz 120 sxs to surface

Perf @ 2120 Sqz 50 sxs tag @ 1914'

Spot 25 sxs @ 3100'

Set Cement retainer @ 3100'

Squeezed @ 3100' 240 sxs to 3500'

Hole in casing 3662'

Spot 25 sxs from 4550' - 4732'

8-5/8" @ 4649'

Spot 25 sxs @ 7570' - 7791' tagged

Spot 25 sxs @ 9036'

Spot 40 sxs 9036' - 9105' tagged

Spot 35 sxs @ 9045'

CIBP 9080'

Perforations 9090' - 9210 Sqz 45 sxs

Top of plug tagged @ 9170

Perforations 9240' - 9385' Sqz 45 sxs

Perforations 9415' - 9458' Sqz 13 sxs

CR set @ 9468'

Perforations 9478' - 9530 squeezed 30sxs

5 1/2" set @ 9552'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler	3470'		
Yates			
Grayburg			
San Andres	4658'		
Holt			
Glorieta	6270'		
Drinkard			
Tubbs	3787'		
Abo	8031'		
Penn			
Wolfcamp	9075'		
Miss			
Woodford			
Devonian			

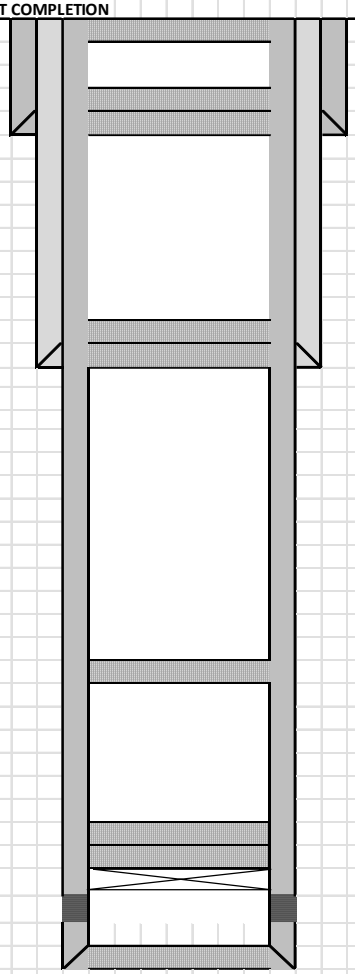
WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	Pacific Royalty #3	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05269
FORMER OPERATOR	Polaris Prod Corp	**Location:**	A unit 430' FNL & 330' FEL Sec 10, T15S, R37E
			The well is located in Lea County No. Denton pool.

SPUD DATE	7/24/1953
COMPLETION DATE	9/6/1953
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3813'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	48.0#	DEPTH	376'
GRADE		SX. CMT.	350 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32.0#	DEPTH	4905'
GRADE	J55 H40	SX. CMT.	2400	TOC @	Surface
Hole	11''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2''	WEIGHT	15.5,& 17#	DEPTH	9349'
GRADE	K-55	SX. CMT.	350 sx	TOC @	500 ts
Hole	7-7/8''	SX. CMT.		DV TOOL	

PRODUCTION LINER

SIZE		WEIGHT		Top Liner	
GRADE		SX. CMT.		DEPTH	
Hole				TOC @	

PBTD@	9349'
TD@	9350'

Set DH marker

Spot 15 sxs 3'- 30'

13 3/8" set @ 376'

Spot 45 sxs 223' - 400'

Spot 45 sxs 4674' - 4850' Tag @ 4685

8-5/8" @ 4905'

Spot 25 sxs from 7426 - 7662'

Spot 25 sxs from 8848' - 9100' Tag @ 8973'

CI Bridge Plug set @ 9100'

Perforations. 9170' - 9337' 4 SPF

5 1/2" set @ 9349'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta	6250'		
Drinkard	7360'		
Tubbs			
Abo	8053'		
Penn			
Wolfcamp	9257'		
Miss			
Woodford			
Devonian			

WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	State t #3	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05228
FORMER OPERATOR	Ring Energy	**Location:**	K unit 1980' FSL & 1980' FWL Sec 2, T15S, R37E
			The well is located in Lea County Denton pool.

SPUD DATE	1/13/1952
COMPLETION DATE	8/21/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3810'

SURFACE CASING

SIZE	13-3/8"	WEIGHT	48 & 52.5#	DEPTH	343'
GRADE		SX. CMT.	350 sx	TOC @	Surface
Hole	17"				

INTERMEDIATE CASING

SIZE	9 - 5/8"	WEIGHT	32,36, & 40#	DEPTH	4625'
GRADE	J55 H40	SX. CMT.	3000	TOC @	1160 ts
Hole	12-1/4"	SX. CMT.		1"	

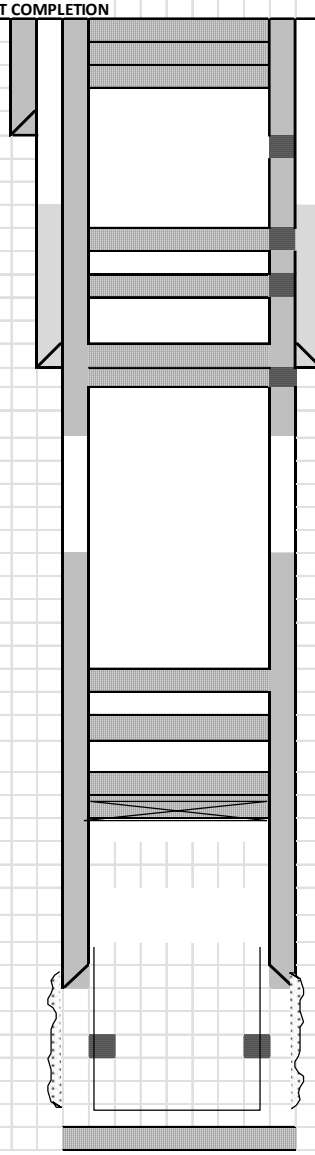
PRODUCTION CASING

SIZE	7"	WEIGHT	23, 26. &29#	DEPTH	11745'
GRADE		SX. CMT.	800 sx	TOC @	10200' ca
Hole	8-3/4"	SX. CMT.		DV TOOL	

PRODUCTION LINER

SIZE	5"	WEIGHT	14.87#	Top Liner	11554'
GRADE		SX. CMT.	125 sx	DEPTH	12482'
Hole	6-1/4"			TOC @	
				PBTD@	12406'
				TD@	12483'

CURRENT COMPLETION



Set DH marker

Perf @ 60' spot 30 sxs to surface.

13 3/8" set @ 343'

Perf @ 393' spot 70 sxs tag @190'

Perf @ 2050' Sqz 50 sxs tagged @ 1916'

Perf @ 3150' Sqz 50 sxs tagged @ 2998'

9-5/8" @ 4625'

Perf 7" @ 4675 squz 70 sxs spot Cement
4422' -4675' tagged@4422'

Spot 25 sxs from 7118' - 7273' Tagged @ 7116'

Spot 60 sxs @ 8827' to 9210'

Spot 100 sxs @ 10063' Tagged @ 9405'
TAC Junk @ 10290

7" set @ 11715'

Perforations 11725' -12294'

Orriginally Open hole 11715' - 12483'
5" liner set @ 12482'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler	2050'		
Yates	3150'		
Grayburg	4580'		
San Andres	6160'		
Holt			
Glorieta			
Drinkard			
Tubbs	7520'		
Abo			
Wolfcamp	9010'		
Penn	10390'		
Miss			
Woodford	11650'		
Devonian	11711'		

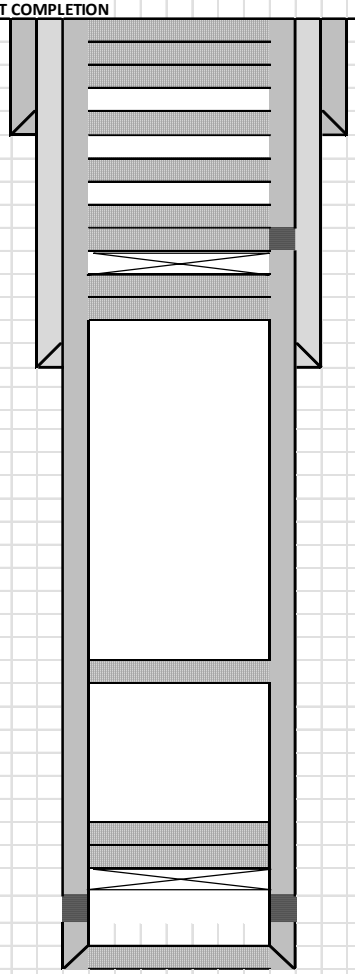
WELL HISTORY

DV Tool
TOC @
MRK

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	JM Denton #16	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05303
FORMER OPERATOR	Ring Energy	**Location:**	E unit 1980' FNL & 660' FWL Sec 35, T14S, R37E
			The well is located in Lea County No. Denton pool.

SPUD DATE	3/4/1952
COMPLETION DATE	7/1/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3810'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	27.3#	DEPTH	347'
GRADE		SX. CMT.	300 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32 &24	DEPTH	4633'
GRADE	J55 H40	SX. CMT.	1950	TOC @	228 ts
Hole	11"	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2"	WEIGHT	15.5, 17, &20	DEPTH	9472'
GRADE	K-55	SX. CMT.	375 sx	TOC @	500 ts
Hole	7-7/8"	SX. CMT.	375 sx	DV TOOL	11900.00

PRODUCTION LINER

SIZE		WEIGHT	
GRADE		SX. CMT.	
Hole			
		Top Liner	
		DEPTH	
		TOC @	

PBTD@	9446'
TD@	9472'

Set DH marker

Set 10sxs surface plug

Spot 20 sxs @ 372'

Spot 25 sxs @ 435'

13 3/8" set @ 347'

Spot 25 sxs @ 2202'

Spot 25 sxs @ 3071'

Perf @ 4270' Sqz 50 sxs tagged @ 4003'

Cement retainer set @ 4280'

Spot 80 sxs over holes at 4467' to 4531'

8-5/8" @ 4820'

Spot 25 sxs from 7426 - 7662'

Spot 25 sxs from 8884 - 9120'

12027' - 12287' W/ 55 sx

CI Bridge Plug set @ 9120'

Perforations. 9200' - 9420' 4 SPF

5 1/2" set @ 9472'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates	3146'		
Grayburg			
San Andres	4657'		
Holt			
Glorieta	6195'		
Drinkard			
Tubbs			
Abo			
Penn	10895'		
Wolfcamp	9225'		
Miss	11510'		
Woodford	12269'		
Devonian	12395'		

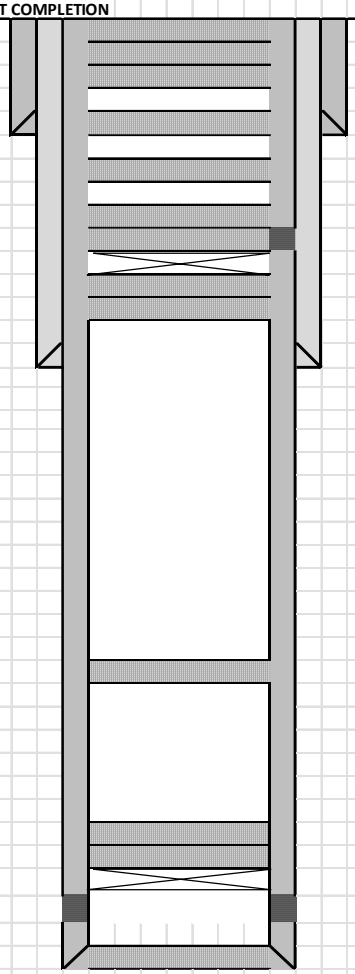
WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	JM Denton #16	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05303
FORMER OPERATOR	Ring Energy	**Location:**	E unit 1980' FNL & 660' FWL Sec 35, T14S, R37E
			The well is located in Lea County No. Denton pool.

SPUD DATE	3/4/1952
COMPLETION DATE	7/1/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3810'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8"	WEIGHT	27.3#	DEPTH	347'
GRADE		SX. CMT.	300 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32 &24	DEPTH	4633'
GRADE	J55 H40	SX. CMT.	1950	TOC @	228 ts
Hole	11''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5-1/2''	WEIGHT	15.5, 17, &20	DEPTH	9472'
GRADE	K-55	SX. CMT.	375 sx	TOC @	500 ts
Hole	7-7/8''	SX. CMT.	375 sx	DV TOOL	11900.00

PRODUCTION LINER

SIZE		WEIGHT	
GRADE		SX. CMT.	
Hole			
		Top Liner	
		DEPTH	
		TOC @	
		PBTD@	9446'
		TD@	9472'

Set DH marker

Set 10sxs surface plug

Spot 20 sxs @ 372'

Spot 25 sxs @ 435'

13 3/8" set @ 347'

Spot 25 sxs @ 2202'

Spot 25 sxs @ 3071'

Perf @ 4270' Sqz 50 sxs tagged @ 4003'

Cement retainer set @ 4280'

Spot 80 sxs over holes at 4467' to 4531'

8-5/8" @ 4820'

Spot 25 sxs from 7426 - 7662'

Spot 25 sxs from 8884 - 9120'

12027' - 12287' W/ 55 sx

CI Bridge Plug set @ 9120'

Perforations. 9200' - 9420' 4 SPF

5 1/2" set @ 9472'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates	3146'		
Grayburg			
San Andres	4657'		
Holt			
Glorieta	6195'		
Drinkard			
Tubbs			
Abo			
Penn	10895'		
Wolfcamp	9225'		
Miss	11510'		
Woodford	12269'		
Devonian	12395'		

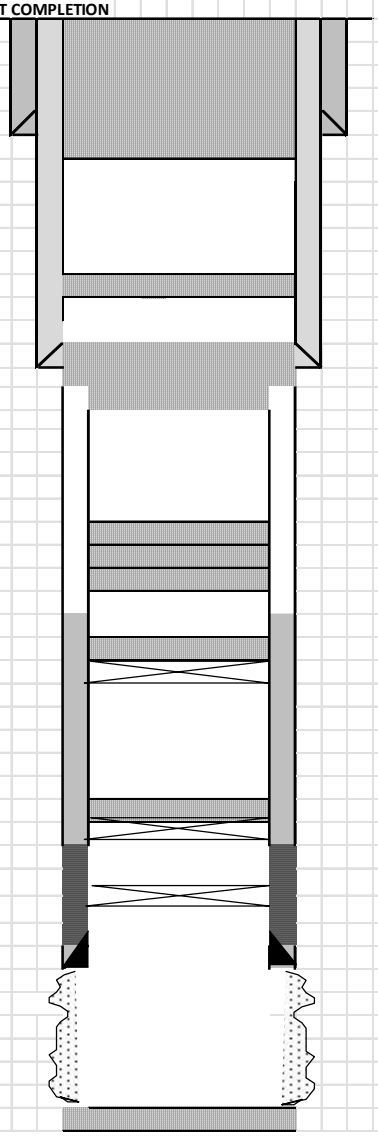
WELL HISTORY

DV Tool	
TOC @	
MRK	

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	State A 1	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05244
FORMER OPERATOR	Resolute Natl Resources	**Location:**	L unit 1980' FSL & 660' FWL Sec 2 T15S, R37E
			The well is located in Lea County Denton Devonian.

SPUD DATE	8/22/1951
COMPLETION DATE	1/21/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3820'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8	WEIGHT	48.0#	DEPTH	356'
GRADE	H-40	SX. CMT.	300 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32,&40#	DEPTH	4680'
GRADE		SX. CMT.	2250 sx	TOC @	Surface
Hole	11''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5 - 1/2	WEIGHT	1 & 20#	DEPTH	12500'
GRADE	K-55	SX. CMT.	750 sx	TOC @	8240 ts
Hole	7-7/8"	SX. CMT.		DV TOOL	

PRODUCTION LINER

SIZE		WEIGHT		Top Liner	
GRADE		SX. CMT.		DEPTH	
Hole				TOC @	

PBTD@	12680'
TD@	12682'

Set DH marker

Spot Cement from 406' to Surface 115 sxs

13-3/8" @ 356'

Spot 40 sxs @ 2235' Tagged @ 2100'

Spot 50sxs @ 4780 Tagged @ 4546'

9-5/8" @ 4625'

Cut 5 - 1/2" casing @4730"

Tag @ 7800'

Perf @ 8065' would not squeeze Spot 30 sxs

TOC 8240' ts

CIBP @ 9030 W/ 2sxs tagged 9010'spot 25 sxs

Note: Casing had leaks from 9973' to 11606' sqzed with 200 sxs tested good 600 PSI

CIBP @ 11785 w/ 2 sxs

11814' - 12440' Perfs

CIBP @ 12040'

5 1/2 " @ 12500'

Originally open hole 12500' - 12680'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta			
Drinkard			
Tubbs	7266'		
Abo	7923'		
Penn			
Wolfcamp	9080'		
Miss	11045'		
Woodford			
Devonian	11792'		

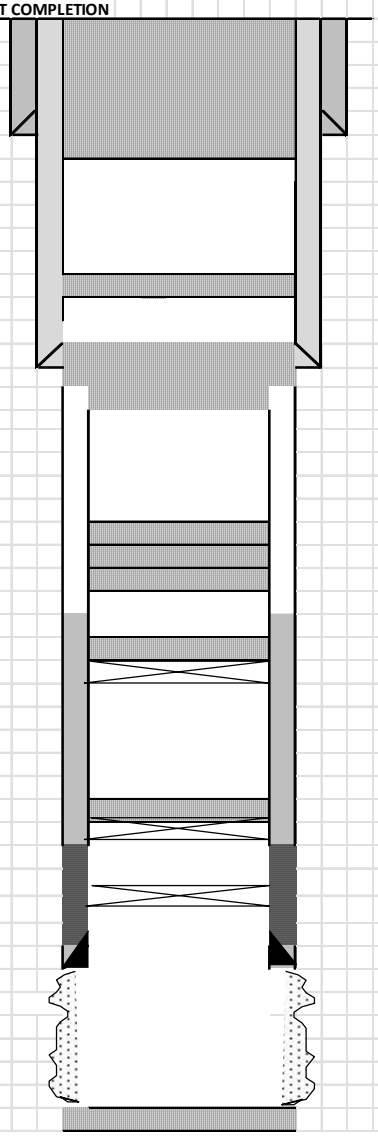
DV Tool	
TOC @	
MRK	

WELL HISTORY

Operator:	Scorpion Oil & Gas	**LAST UPDATED**	4/21/2024
LEASE & WELL NO.	State A 1	**COUNTY & STATE**	Lea - NM
FIELD NAME	Denton	**API NO.**	30-025-05244
FORMER OPERATOR	Resolute Natl Resources	**Location:**	L unit 1980' FSL & 660' FWL Sec 2 T15S, R37E
			The well is located in Lea County Denton Devonian.

SPUD DATE	8/22/1951
COMPLETION DATE	1/21/1952
K.B. ELEV.	
D.F. ELEV.	
GROUND LEVEL	3820'

CURRENT COMPLETION



SURFACE CASING

SIZE	13-3/8	WEIGHT	48.0#	DEPTH	356'
GRADE	H-40	SX. CMT.	300 sx	TOC @	Surface
Hole	17 - 1/4				

INTERMEDIATE CASING

SIZE	8-5/8"	WEIGHT	32,&40#	DEPTH	4680'
GRADE		SX. CMT.	2250 sx	TOC @	Surface
Hole	11''	SX. CMT.		1"	

PRODUCTION CASING

SIZE	5 - 1/2	WEIGHT	1 & 20#	DEPTH	12500'
GRADE	K-55	SX. CMT.	750 sx	TOC @	8240 ts
Hole	7-7/8"	SX. CMT.		DV TOOL	

PRODUCTION LINER

SIZE		WEIGHT		Top Liner	
GRADE		SX. CMT.		DEPTH	
Hole				TOC @	

PBTD@	12680'
TD@	12682'

Set DH marker

Spot Cement from 406' to Surface 115 sxs

13-3/8" @ 356'

Spot 40 sxs @ 2235' Tagged @ 2100'

Spot 50sxs @ 4780 Tagged @ 4546'

9-5/8" @ 4625'

Cut 5 - 1/2" casing @4730"

Tag @ 7800'

Perf @ 8065' would not squeeze Spot 30 sxs

TOC 8240' ts

CIBP @ 9030 W/ 2sxs tagged 9010'spot 25 sxs

Note: Casing had leaks from 9973' to 11606' sqzed with 200 sxs tested good 600 PSI

CIBP @ 11785 w/ 2 sxs

11814' - 12440' Perfs

CIBP @ 12040'

5 1/2 " @ 12500'

Originally open hole 12500' - 12680'

Formation Tops MD	Top P	Bottom P	Plugs
Rustler			
Yates			
Grayburg			
San Andres			
Holt			
Glorieta			
Drinkard			
Tubbs	7266'		
Abo	7923'		
Penn			
Wolfcamp	9080'		
Miss	11045'		
Woodford			
Devonian	11792'		

DV Tool	
TOC @	
MRK	

WELL HISTORY

No. 169

Shell Oil Co.

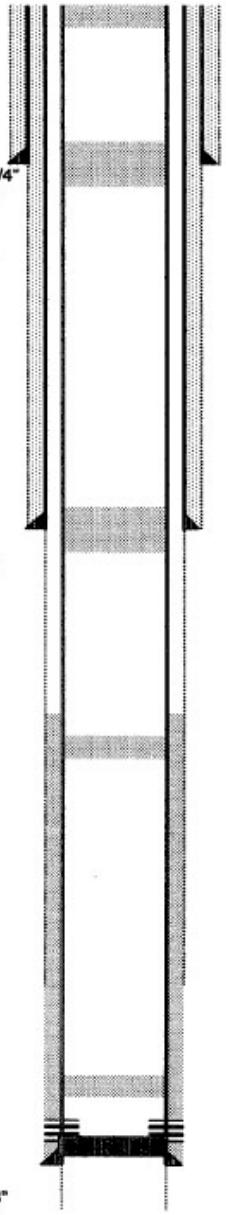
CURRENT

Pacific Royalty No. 1

330' FNL & 330' FEL
Sec 10 (A), T-15-S, R-37-E
Lea County, NM
API# 30-025-05267

Well Type: P&A (3/20/1996)
Spud Date: 12/30/1952
Shut-In: 12/1973

GL: ' KB: 3818'



(3/96) 15 sx 30'-3'

(3/96) 45 sx 400'-227'

13 3/8" 48# @ 350' w/ 350 sx
TOC: Circulated to Surface

Formation Tops:		
Devonian	12,160	-8342
feet above o	578	
Oil-water	12,738	-8920

8 5/8" 32# @ 4812' w/ 2500 sx
TOC: Circulated to Surface
(3/96) 90 sx 4900'-4487'

(3/96) 25 sx 9000'-8748'

(3/96) 25 sx 12,000'-11,748'

(7/60) Perf 12,161'-75', 12,190'-206', 12,218'-34', 12,266'-82', & 12,292'-318'
(7/60) set CIBP @ 12,335'
5 1/2" csg 15.5# & 17# @ 12,353' w/ 600 sx
TOC:8000'

washed OH w/ 500g; KO&F 300 BOPD

TD: 12,635' (4/27/1953)

DH 10/21/05

8/1/2006

WELL DATA SHEET

State A 2

FIELD: Denton/Wolfcamp

FORMATION: Wolfcamp

LOC: Unit L: 2310' FSL & 721' FWL
TOWNSHIP: 15S Range 37E
SURVEY: 0

BLOCK: 0
SEC: 2
COUNTY: Lea
STATE: NM

GL: 3818'
DF: 0
KB: NA

STATUS: Producer
API NO: 30-025-05245
REFNO:
Spud: 05/06/05

05.07.21 - Spot 63 sxs Class C 137' - Surface

05.07.21 - Tag TOC @ 137'. Cut tbg 137'.
05.06.21 - Perf 3200' Spot 749 Sxs Class C

05.06.21 - Perf 7200' - Spot 264 sxs Class C. Tag TOC 4390'

ROD DETAIL:

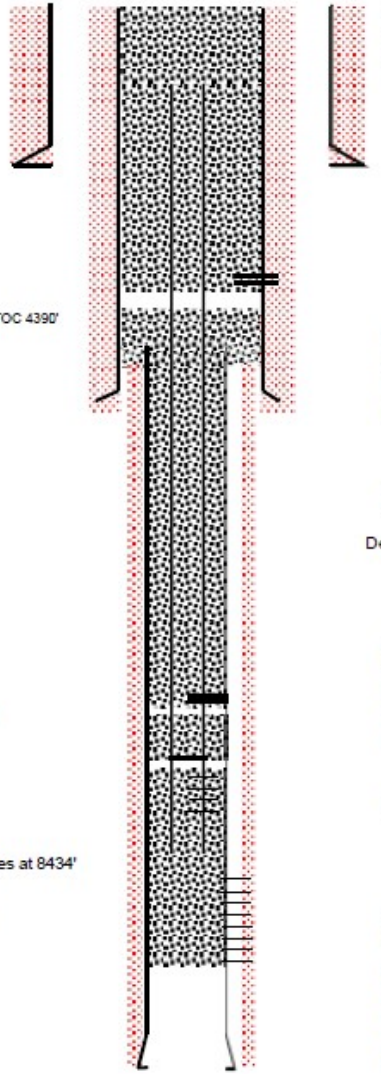
05.05.21 - 25 sxs Class H - Tag TOC 7362'

05.03.21 - Cut csg at 8423'

04.30.21 - 100 Sxs pumped thru tbg circ holes at 8434'

PBTD 0
TD 9300'

Ray Campbell
Date: 7/5/22



Surface CSG
13-3/8" 48#
Set @ 340', Cmt' w/325 sxs
Circ
0

Intermediate CSG
8-5/8" 32#, S 80
Set @ 4669', Cmt'd w/3000 sxs
Circ
0

Formation Tops

Name	Top
Dewey Lake	0
Yates	0
7 Rivers	0
QN	0

Production CSG
5-1/2" 17# & 15.5#, J55
Set from 4500 - 9000' (Liner Hanger @ 4500'), Cmt'd w/850 sxs
No DV Tool
NA
0

Liner

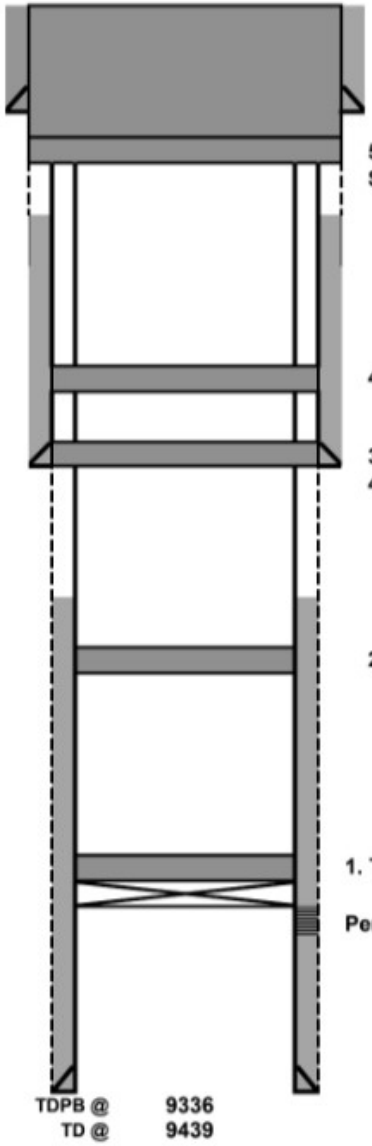
PERFS

WC	9038-9069'	0	0	0
0	9170-9178'	0	0	
0	9223-9236'	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	

Legacy			PLUGGED
Author:	Abby BCM		
Well Name	Lea G State	Well No.	#8
Field/Pool	Denton-Wolfcamp	API #:	30-025-05237
County	Lea	Location:	Sec 2, T15S, R37E
State	NM		990 FEL & 2310 FEL
Spud Date	1/24/1953	GL:	3814

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/4	H40	48#	351	17 1/4	400	0
Inter Csg	9 5/8	J55/N80	36 & 40#	4,670	12 1/4	2,800	1475
Prod Csg	7	N80/J55	29 & 23#	9,428	8 3/4	675	5,700

Formation	Top
Anhy	2140
B/Salt	2945
San Andres	4620
Wolfcamp	9135



13 3/4 48# CSG @ 351

5. Cut 9 5/8" csg @ 373'. POH w/ 10 jts. Spotted 135 sx class C cmt @ 460-258'. WOC. Tagged plug @ 216'. Spotted 150 sx class C cmt @ 216' to surface.

4. Cut 7" csg @ 3045'. POH w/ 75 jts 7" csg. Spotted 75 jts class C ct @ 3100-2876'. WOC. Tagged plug @ 2850'.

9 5/8 36 & 40# CSG @ 4,670

3. Cut 7" csg @ 4770'. Pulled stretch on csg, csg shows free @ 3822' NU BOP. Spotted 50 sx class C cmt @ 4820-4521'. WOC & Tagged plug @ 4950.

2. Spotted 25 sx class C cmt @ 6350-6201'.

1. Tagged CIBP @ 9060'. Spotted 25 sx class H cmt @ 9060-8940'.

Perfs @ 9135-9265'

32.56399541
-103.241455

7 29 & 23# CSG @ 9,428

TDPB @ 9336
TD @ 9439

as of 2/10/2022

Well: **Denton SWD No. 5 (formerly State T No. 1)**
Operator: Fasken Oil and Ranch, Ltd.
Location: 660' FSL and 1980' FWL
Sec 2, T15S, R37E
Lea County, NM
Spud: 1/13/1951
API #: 30-025-05226
TD: 12,730'
PBTD: cmt retainer @ 10,200'
Casing: **13-3/8"48# set at 294.37'**
cmt w/ 350 sx, cmt circ to surface
TOC surf
9-5/8" 36# & 40# set at 4595.64'
cmt w/ 3000 sx , cmt circ to surface
TOC surf
7" 23#, 26#, 29#, 32# set at 12,729.28'
cmt w/ 950 sx, TOC 9640' per temp survey
perf 7" 2 holes at 9200', 4 squeezes (300 sx + 150 sx + 50 sx + 50 sx)

Perforations:
Devonian (Inactive)
12,522'-72'
12,422'-72'
12,060'-80'
12,017'-30'
11,963'-84'
11,902'-28'
11,675'-11,846'
Wolfcamp (Inactive)
9057'-92' (1 jspf)
Penn
10,042'-10,148' (gross, 2 jspf, 122 holes)
9844'-10,028' (gross, 2 jspf, 172 holes)
9660'-9822' (gross, 2 jspf, 180 holes)

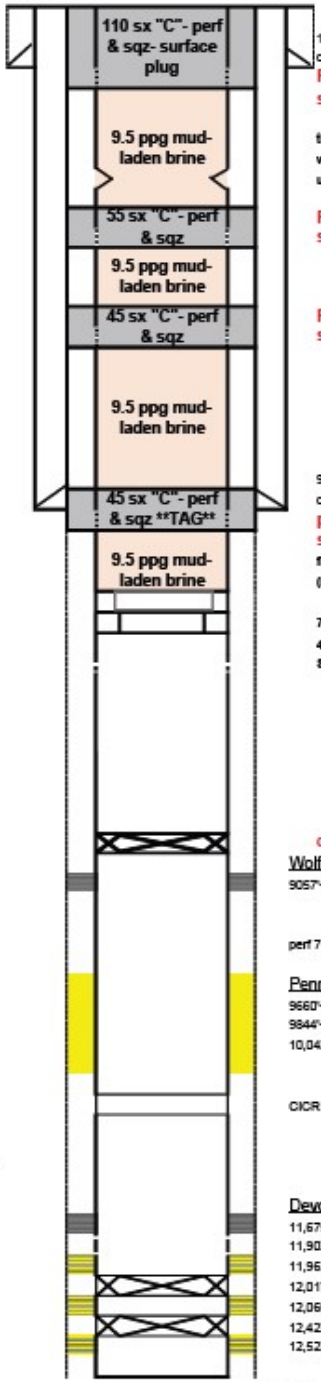
CIBPs:
12,502' (dump bail 10' cmt on top)
12,355' (dump bail 10' cmt on top)
8990'

Hole Sizes:

17-1/2"	Surf-300'
12-1/4"	300'-4610'
8-3/4"	4610'-12,730'

Activity:

9/16/1971- drill out Mod D pkr at 11,800' and perforate Upper Devonian (11,675'-11,846')
1/22/1972- squeeze perfs 11,675'-846' w/ 270 sx cmt to 6200 psi, drill out and test to 1500 psi, OK
Perf 11,891'-92' w/ 4 holes for block squeeze of channel behind 7" casing
Squeeze perfs 11,675'-846' broke down during block squeeze
4/1/1974- set cmt retainer at 11,543'. Squeeze perfs 11,675'-846' in 3 stgs using 2000 bbls injectrol
400 sx "H" + 250 sx "C", squeeze to 3000 psi. **Devonian P&A on 4/6/1974**
Perf 4 holes at 9401'. Unable to pump into perfs at 4000 psi.
Set 7" CIBP at 9180'. Perforate Wolfcamp 9057'-92' gross. Acidize w/ 1000 gals 15%
10/22/1986- SWI pending further evaluation (Wolfcamp prod 10 BOPD + 221 BWPD)
9/23/1997- Fish tubing and TAC. Set pkr at 8850', test annulus to 500 psi, OK. Squeeze Wolfcamp perfs
9057'-92' w/ 75 sx "C" to max pressure 3500 psi. Drill out and RIW to 11,507'. Test
casing from surface to 11,507' to 1000 psi, OK. Ran CBL from 10,500' to 8500'
Bad cmt from 10,500' up to 9600'. Perf 7" at 10,225' and set cmt retainer at 10,200'
Squeeze under retainer w/ 50 sx "H"
Perf Penn 2 jspf 10,042'-10,148' gross (122 holes). Acidize w/ 3000 gals 15% w/ 140 BS. ISIP 798 psi
Perf Penn 2 jspf 9844'-10,028' gross (172 holes). Acidize w/ 4000 gals 15% w/ 175 BS. ISIP 380 psi
Perf Penn 2 jspf 9660'-9822' gross (180 holes). Acidize w/ 4000 gals 15% w/ 185 BS. ISIP vac
RIW w/ Baker Mod 47B-2 Lokset pkr (2.44" ID profile) w/ 4-1/2" 11.6# K-55 LT&C (TK70 + TK15)
11/27/1997- first injection into Penn- 7600 BWPD rate, 900 psi



GL: 3798'
KB: 3814'

13-3/8"48# set at 294.37'
cmt w/ 350 sx, cmt circ to surface
Perf & squeeze- 110 sx "C" (surface shoe plug)
squeeze holes at 350', cement circulated to surface

tight spot in 7" casing at +/-1270' FS
worked casing swage size up to 4.75",
unable to work through tight spot with 6.0" swage

Perf & squeeze- 55 sx "C" (top salt plug)
squeeze holes at 2000'

Perf & squeeze- 45 sx "C" (base salt plug)
squeeze holes at 3100', tagged TOC at 2900'

9-5/8" 36# & 40# set at 4595.64'
cmt w/ 3000 sx , cmt circ to surface
perf & squeeze- 45 sx "C" (intermediate shoe plug)
squeeze holes at 4650', tagged TOC at 4372'
fish on top of CICR- 6.75" swage
(bottom drill collar broke at pin connection)

7" CICR set at 6760'
4 squeeze holes in 7" at 6860'
Squeezed w/ 125 sx "C", hesitated to 1830 psi

CIBP set at 8990'
Wolfcamp perforations (squeezed w/ 75 sx "C")
9057'-92' (1 jspf)

perf 7" 2 holes at 9200', 4 squeezes (300 sx + 150 sx + 50 sx + 50 sx)

Penn perforations (disposal zone)
9660'-9822' (gross, 2 jspf, 180 holes)
9844'-10,028' (gross, 2 jspf, 172 holes)
10,042'-10,148' (gross, 2 jspf, 122 holes)

CICR at 10,200'

Devonian perforations
11,675'-11,846'
11,902'-28'
11,963'-84'
12,017'-30'
12,060'-80'
12,422'-72'
12,522'-72'

7" 23#, 26#, 29#, 32# set at 12,729.28'
cmt w/ 950 sx, TOC 9640' per temp survey
PBTD: cmt retainer @ 10,200'
TD: 12,730'

P&A WELLBORE SCHEMATIC

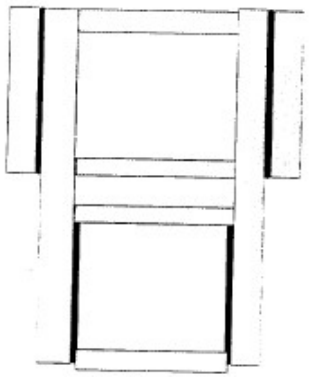
WELL NAME: Lea "G" State #6 FIELD: Denton

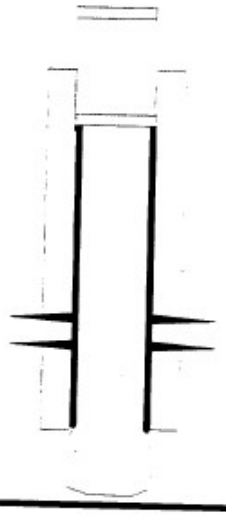
LOCATION: 2310' FSL & 2310' FWL, Sec. 2-15S-37E COUNTY: Lea County STATE: NM

ELEVATION: 3809' GL SPUD DATE: 11/25/52 COMP DATE: 1/18/52

API # 30-025-05235 PREPARED BY: Karen Byers DATE: 4/11/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-330'	13 3/8"	48#			17 1/4"
CASING:	0-4649'	9 5/8"	36#			12 1/4"
CASING:	0-9207'	7"	23 & 26#			8 3/4"
TUBING:						
TUBING:						





■ CURRENT □ PROPOSED

OPERATOR: CHEVRON USA, INC.

13 3/8" csg @ 330' w/400 sx cmt. Est. TOC @ surface.

9 5/8" csg @ 4649' w/2060 sx cmt. Est TOC @ surface.
Shot off & pulled csg from 1040'.

Cmt plugs:
37 sx plug @ surface.
72 sx plug from 380'-280' (base of 13 3/8")
25 sx @ stub @ 1040'.
36 sx from 4700'-4600' (base of 9 5/8" csg)
25 sx @ 6200'
25 sx @ stub @ 7285'

Perforations:
Wolfcamp 9050'-9150' squeezed w/100 sx cmt.
Open hole 9229'-9250'

7" csg @ 9207' w/380 sx cmt. Est TOC @ 6704'
Shot off & pulled 7" csg out of hole from 7285'.

TD @ 9250'

Estimated TOC was determined using 1.32 cf/sk yield & 75% fill up.

P&A WELLBORE SCHEMATIC

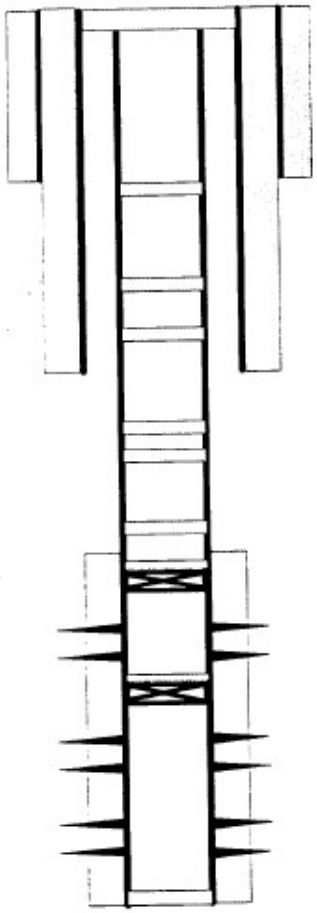
WELL NAME: Lea "G" State #1 FIELD: Denton

LOCATION: 1980' FSL & 1980' FEL, Sec. 2-15S-37E COUNTY: Lea County STATE: NM

ELEVATION: 3812' GL SPUD DATE: 5/5/51 COMP DATE: 11/11/51

API #: 30-025-05238 PREPARED BY: Karen Byers DATE: 4/11/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-369'	13 3/8"	48#		8rd	17 1/4"
CASING:	0-4695'	9 5/8"	40 & 36#		8rd	12 1/4"
CASING:	0-12,831'	7"	32, 29, & 26#		8rd	8 3/4"
TUBING:						
TUBING:						



■ CURRENT □ PROPOSED

OPERATOR: CHEVRON USA, INC.

13 3/8" csg @ 369' w/350 sx cmt. Est TOC @ surface.

9 5/8" csg @ 4695' w/2000 sx cmt. Est TOC @ surface.

Cmt plugs:
100' surface plug
40 sx @ 400'
40 sx @ 2315'
100' plug 4000'-4100'
25 sx @ 6000'
25 sx @ 6250'
30 sx @ 8300'

CIBP @ 11,030' w/35' cmt on top.
CIBP @ 9050' w/35' cmt on top.

Perforations:
Devonian 12,430'-12,725'
11,904'-12,086'

Wolfcamp 9108'-9171

7" csg @ 12,831' w/635 sx cmt. Est TOC @ 8649'.

TD @ 12,835'

Estimated TOC was determined by using @ 1.32 cf/sk yield & 75% fill up

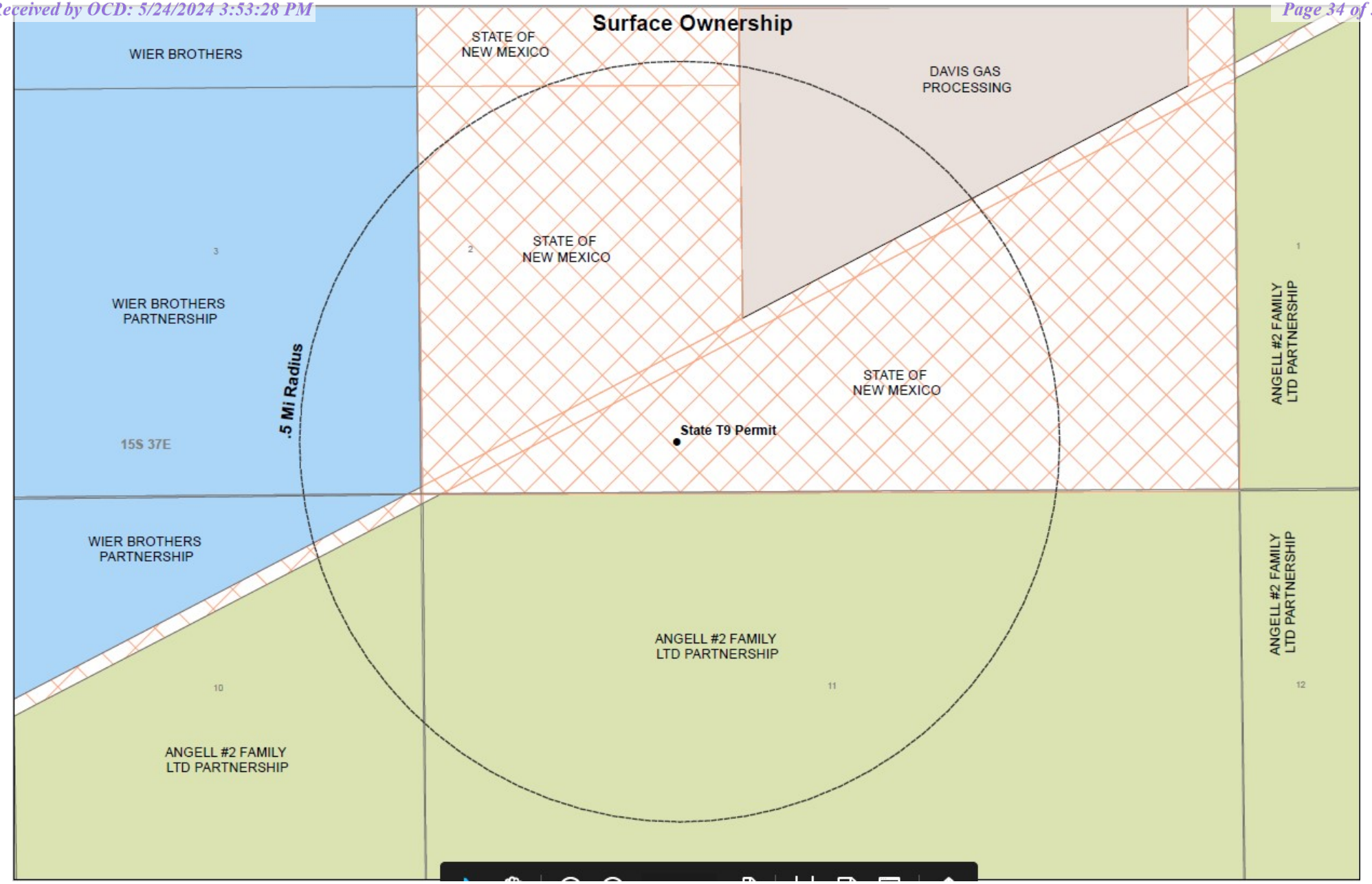
Mail Notice published.

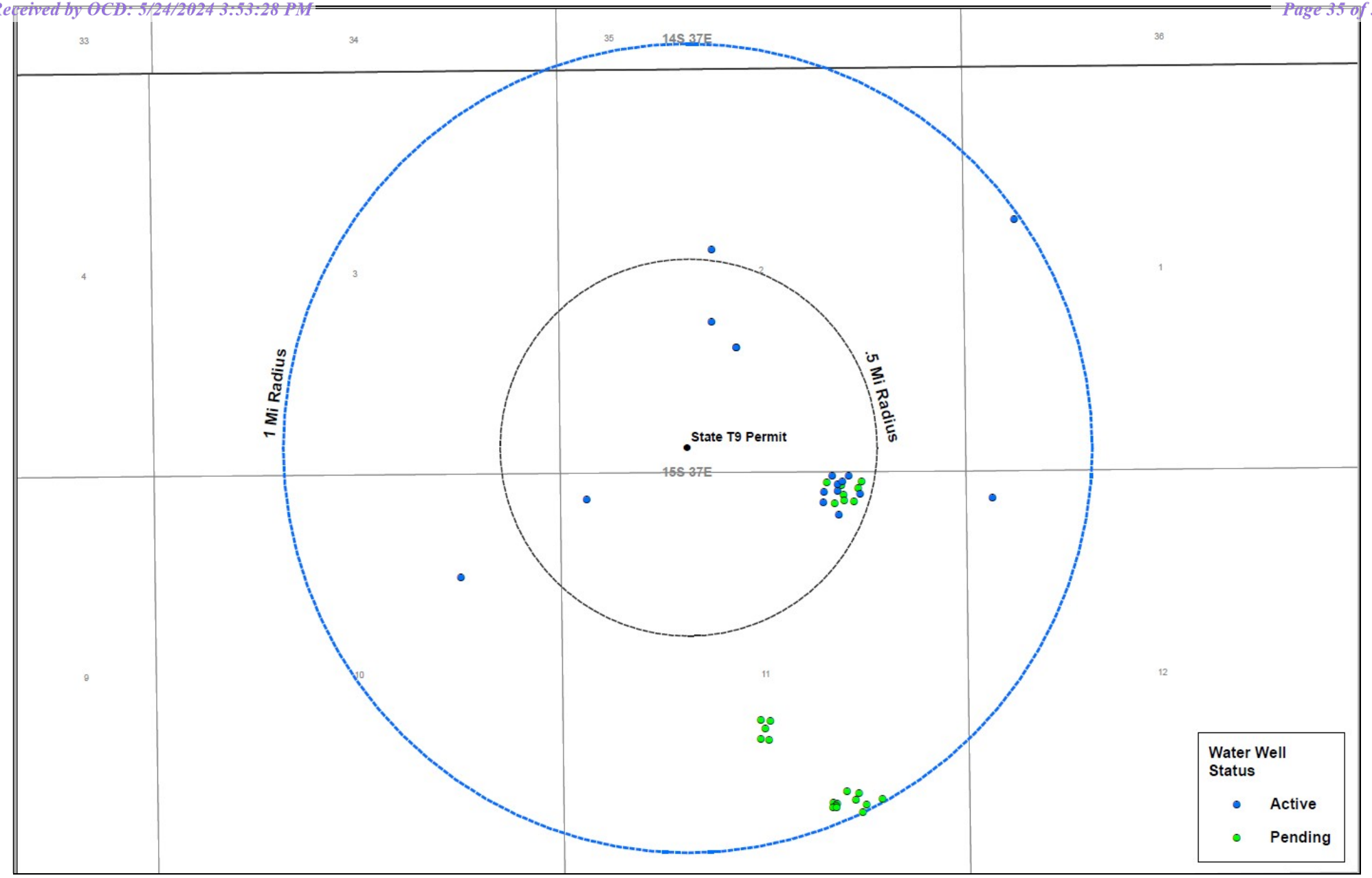
Legal Notice

To whom it may concern, this well be converted to inject water into the Penn at a depth of approximately 9955' in the Denton North field of Lea County as a disposal well. The expected maximum injection rate is 10000 barrels per day at a maximum injection rate of 2000 psig. Well information is as follows:

Well name and Number	State T 9
Location:	Unit N Sec 2, T15S, R37E.
	350' FSL & 1650' FWL
Injection level	9701' to 10113'

Any interested party who wishes to file an objection or wishes to request a hearing, must request to do so within 15 days to the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505.


Surface Ownership
WIER BROTHERS
STATE OF NEW MEXICO
DAVIS GAS PROCESSING
STATE OF NEW MEXICO
WIER BROTHERS PARTNERSHIP
.5 Mi Radius
STATE OF NEW MEXICO
State T9 Permit
ANGELL #2 FAMILY LTD PARTNERSHIP
15S 37E
WIER BROTHERS PARTNERSHIP
ANGELL #2 FAMILY LTD PARTNERSHIP
ANGELL #2 FAMILY LTD PARTNERSHIP
ANGELL #2 FAMILY LTD PARTNERSHIP


14S 37E
15S 37E
1 Mi Radius
.5 Mi Radius
State T9 Permit
Water Well Status
Active
Pending

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	Lease	Well No.
Atlantic Richfield Co.	State "T"	9

Unit Letter	Section	Township	Range	County
N	2	15 South	37 East	Lea

Actual Footage Location of Well: 350 feet from the South line and 1650 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage
3798.8	Devonian	Denton	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

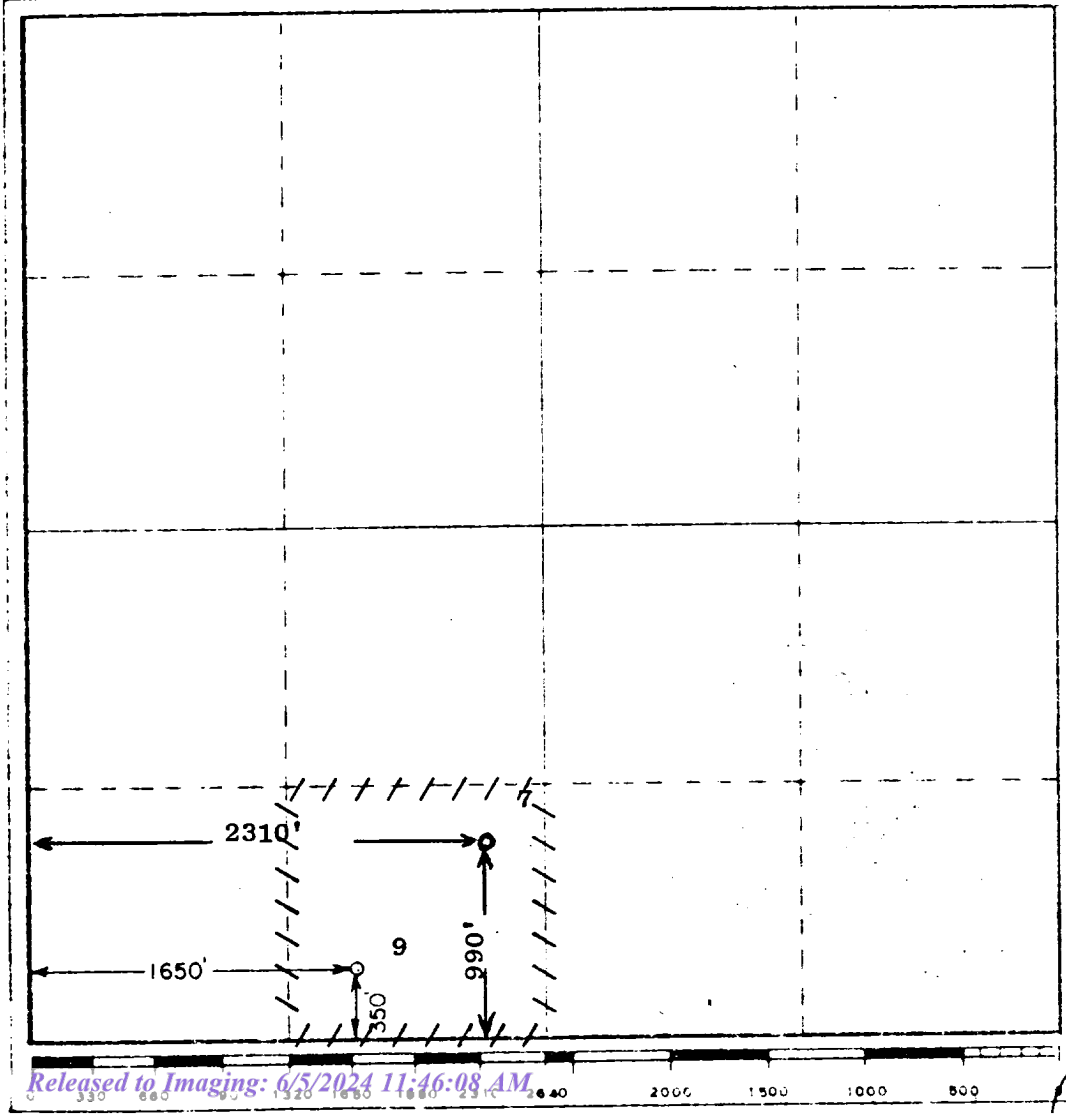
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)

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: Dist. Drlg. Supv.

Position: Atlantic Richfield Company

Date: 6-13-77

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: June 9, 1977

Registered Professional Engineer and/or Land Surveyor: John W. West

Certificate No. 676

SCORPION
OIL & GAS
4779 South Main Street Stafford, TX 77477

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Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 6 issue(s).

Beginning with the issue dated
April 26, 2024
and ending with the issue dated
May 03, 2024.

Publisher

Sworn and subscribed to before me this
3rd day of May 2024.

Business Manager

My commission expires
January 29, 2027
(Seal) STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

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

LEGAL LEGAL

LEGAL NOTICE
April 26, 28, 30 and May 1, 2, 3, 2024

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350' FSL & 1650' FWL
Injection level 9701' to 10113'

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Mike Loudermilk
Scorpion Oil & Gas LLC
4779 S Main Street
Stafford Texas, 77477
(281) 694-4571
#00289580

67118151

00289580

MIKE LOUDERMILK
SCORPION OIL & GAS LLC
4779 S. MAIN ST.
STAFFORD, TX 77477

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 347875

CONDITIONS

Operator: Scorpion Oil & Gas, LLC 4779 South Main Street Stafford, TX 77477	OGRID: 332127
	Action Number: 347875
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	6/5/2024