AE Order Number Banner

Application Number: pMSG2334951140

PMX-334

OCCIDENTAL PERMIAN LTD [157984]



5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521 P.O. Box 27570, Houston, Texas 77227-7570 Phone 713.215.7000

November 2, 2023

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

RE: Pressure Maintenance Project North Hobbs Unit Well No. 411; API 30-025-07516 Lea County, NM

Occidental Permian Ltd. respectfully requests administrative approval without hearing, to commence injection (water, CO2, and produced gas) per the authorized Order No. R-6199-F. The H2S contingency plan which covers both North and South Hobbs Units will be updated to reflect this change.

In support of this request, please find the following documentation:

- Administrative Application Checklist
- Form C-108 with required data attached
- Injection Well Data Sheet with Wellbore Schematic
- Form C-102
- AOR Map

Per R-6199-F Paragraph 3 on page 9, "(...) Application for approval of additional injection wells in the expanded Phase I Area of the North Hobbs Unit shall be filed in accordance with NMAC 19.15.26.8 and may be approved administratively by the Division Director without Notice and hearing." The injector in this application is located within the expanded Phase I Area of the North Hobbs Unit.

If you have any questions regarding this application, please contact me at 713-215-7827 or email roni_mathew@oxy.com.

Sincerely,

Roni Mathew

Roni Mathew Regulatory Advisor

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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION



- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Application Acronyms:
[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]"
[A] Location - Spacing Unit - Simultaneous Dedication"
Check One Only for [B] or [C]"
[B] Commingling - Storage - Measurement" DHC CTB PLC PC OLS OLM"
[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery"
[D] Other: Specify Additional Injector within approved project area (R-6199-G)Á
[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
[A]
[B] Offset Operators, Leaseholders or Surface Owner
[C] Application is One Which Requires Published Legal Notice
[D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] Waivers are Attached

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

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

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

ni Mathew Regulatory Adviso	or 10/19/2023
Title	Date

roni_mathew@oxy.com e-mail Address Received by OCD: 12/15/2023 2:16:53 PM STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL

RESOURCES DEPARTMENT

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

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery X Pre Application qualifies for administrative approval? X Y	essure Maintenance YesNo	_DisposalStorage
II.	OPERATOR: OCCIDENTAL PERMIAN LTD		
	ADDRESS: P.O. Box 4294 Houston, TX 77210-4294		
	CONTACT PARTY: Roni Mathew		PHONE: 713-215-7827
III.	WELL DATA: Complete the data required on the reverse side of the Additional sheets may be attached if necessary.	his form for each well proposed	for injection.
IV.	Is this an expansion of an existing project? X Yes If yes, give the Division order number authorizing the project: <u>R-6</u>		
V.	Attach a map that identifies all wells and leases within two miles o	f any proposed injection well wi	th a one-half mile radius circle

- 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;

drawn around each proposed injection well. This circle identifies the well's area of review.

- 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: Roni M	athew	TITLE: Regulatory Advisor
SIGNATURE:	Roni Mathew	DATE: 10/19/2023

E-MAIL ADDRESS: <u>roni_mathew@oxy.com</u>

* 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: <u>February 11, 2014 as part of Order No. R-6199-F application</u> 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.

C-108 Application Attachment Occidental Permian Ltd. North Hobbs G/SA Unit No. 411 Lea County, New Mexico

- I. This is a pressure maintenance project. The project qualifies for administrative approval.
- II. OCCIDENTAL PERMIAN Ltd. P.O. Box 4294 Houston, TX 77210-4294 Contact Party: Roni Mathew, 713-215-7827
- III. Injection well data sheet and wellbore schematic has been attached for NORTH HOBBS G/SA UNIT No. 411
- IV. This is an expansion of an existing project authorized under Order No. R-6199-F.
- V. The map with a two mile radius surrounding the injection well and a one half mile radius for area of review is attached.
- VI. In accordance to Order No. R-6199-F Section 4 OCCIDENTAL PERMIAN Ltd certifies that: The area of review for well "NORTH HOBBS G/SA UNIT #411" shows no substantive changes in the information furnished in support of Order No. R-6199-F concerning the status of construction of any well that penetrates the injection interval within the one-half (1/2) mile around the injection well, with the exemption of the wells listed below:

ΑΡΙ	Well Name	Operator	Status after Jan 2014
30-025-23173	STATE 1-29 #005	TEXLAND PETROLEUM-HOBBS, LLC	Plugged
30-025-12504	NORTH HOBBS G/SA UNIT #532	OCCIDENTAL PERMIAN LTD	Plugged
30-025-37349	STATE A #011Y	OXY USA WTP LIMITED PARTNERSHIP	Plugged
30-025-23116	STATE A #005	Contango Resources, LLC	Plugged
30-025-23252	STATE 1-29 #006	TEXLAND PETROLEUM-HOBBS, LLC	Plugged
30-025-44719	NORTH HOBBS G/SA UNIT #695	OCCIDENTAL PERMIAN LTD	Active
30-025-44718	NORTH HOBBS G/SA UNIT #694	OCCIDENTAL PERMIAN LTD	Active
30-025-49475	NORTH HOBBS G/SA UNIT #962	OCCIDENTAL PERMIAN LTD	Active
30-025-49477	NORTH HOBBS G/SA UNIT #964	OCCIDENTAL PERMIAN LTD	Active
30-025-49476	NORTH HOBBS G/SA UNIT #963	OCCIDENTAL PERMIAN LTD	Active
30-025-49739	NORTH HOBBS G/SA UNIT #965	OCCIDENTAL PERMIAN LTD	Active

The wellbore diagrams, their tabulated data, and the area of review map are attached.

VII. Proposed Operation

1.	Average Injection Rate	3,000 BWPD / 10,000 MCFGPD
	Maximum Injection Rate	8,000 BWPD / 20,000 MCFGPD

- 2 This will be a closed system.
- Average Surface Injection Pressure 1,300 PSIG
 Maximum Surface Injection Pressure
 Produced Water 1,150 PSIG
 CO2 1,250 PSIG

CO2 w/produced gas 1,650 PSIG

(In accordance with Order No. R-6199-F, effective 7/18/13)

4. Source Water – San Andres Produced Water

(Analysis previously provided at hearing, Case No. 14981)

- VIII. The information was previously submitted as part of Order No. R-6199-F application
- IX. Acid stimulate well with ~4,000 gal 15% HCL. Max rate = 4-5 BPM. Flush acid with ~200 bbls off fresh water.
- X. Logs were filed at the time of drilling.
- Per our field personnel, there is only 1 water well located within 1 mile of the subject well.
 Water analysis from 72700 NMOCD Sprinkler and a location map are included with the application.

WATER WELL NAME	LAT	LONG	Date Collected
72700 NMOCD Sprinkler	32°43′05.88″N	103°09'44.88"W	10/24/2013

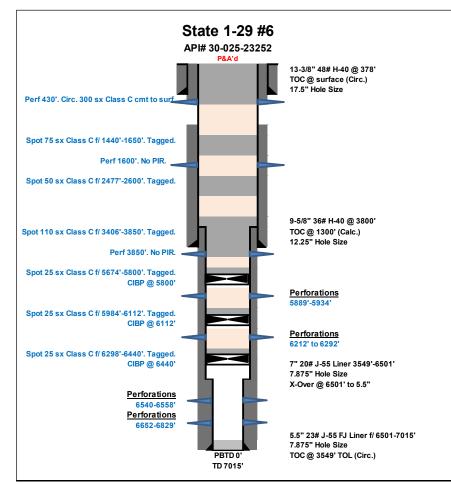
- XII. N/A. This is a pressure maintenance project, not a disposal well.
- XIII. Order No. R-6199-F allows the administrative approval, from the Division Director, of additional injection wells without notice and hearing. Notices to producers and surface owners for the water/CO2 flood area were provided at the time of the application and hearing for Order No. R-6199-F.

NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TVD (ft)	HOLE SIZE (in		SET AT (ft)	SX. CMT.	CMT. TOP (ft)	MTD.	COMPLETION	REMARKS
25-23173	FEXLAND PETROLEUM- HOBBS, LLC	STATE 1-29	005	Oil	Plugged, Not Released	330	s	2218	E	0	29	185	38E	6/10/1969	7025	15 11 7.875	11.750 8.625 6.625 & 5.5	364 3808 7022	370 300 530	Surf Surf 3578	Circ Calc Circ	6648'-6930' UPPER BLINEBRY 5917'-5978' DRINKARD	Well Plugged on 01/25/2021
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			API/UW 30-02	л 5-2317	3			Operator Textand P	Petroleum	- LLC Hob	Field I Hobi		Carrie Crist	Area			County Lea		State	/Province			
			Drilling					0		Elevation (ft)		d Elevation	n (ft)	Spud Date 6/10/19		0	Rig Release D	ate		letion Dati	e		
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				13.1	2029					-Perf; 4	13.0; 1/2	20/2021	1										
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API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TVD (ft)	HOLE SIZE (in)	CSG. SIZE (in)	AT (ft)	SX. CMT.	CMT. TOP (ft)	MTD.	COMPLETION	REMARKS
30-025-23252	TEXLAND PETROLEUM- HOBBS, LLC	STATE 1-29	006	Oil	Plugged, Site	330	s	660	E	Р	29	185	38E	8/22/1969	7015	17.5 12.25	13.375 9.625	378 3800	400 600	Surf 1300	Circ Calc	6540'-6829'	Well Plugged on 07/19/2021
	HUBBS, LLC				Released											7.875	7 x 5-1/2	3549-7015	700	3549	Circ	HOBBS; UPPER BLINEBRY	

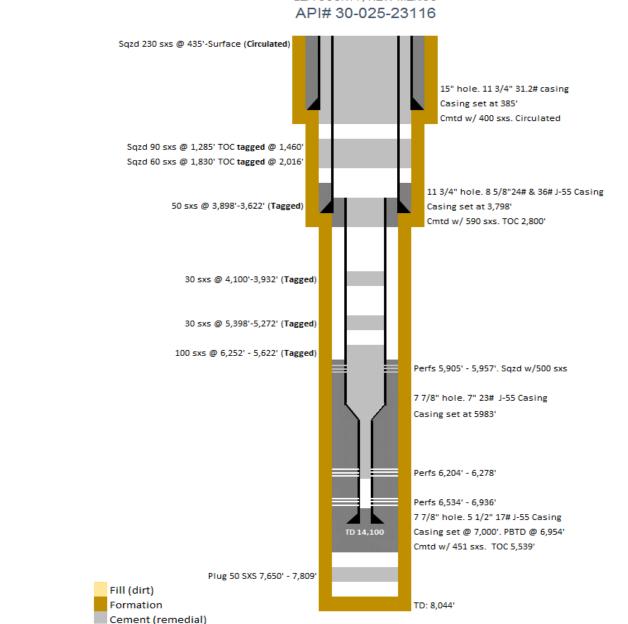


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API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TVD (ft)	HOLE SIZE (in)	CSG. SIZE (in)	SET AT (ft)	SX. CMT.	CMT. TOP (ft)	MTD.	COMPLETION	REMARKS
30-025-23116	Contango Resources, Inc.	STATE A	005	Oil	Plugged, Site Released	660	N	660	E	А	32	185	38E	4/24/1969	8044	11.750 8.625 7 & 5.5	11.750 8.625 7.000	385 3798 1000	400 590 501	Surf 2800' 5539'	Circ Calc Calc	6674'-6936' LOWER BLINEBRY 5905'-5957' DRINKARD	Well Plugged on 05/08/2018 and site released on 1/26/2021.

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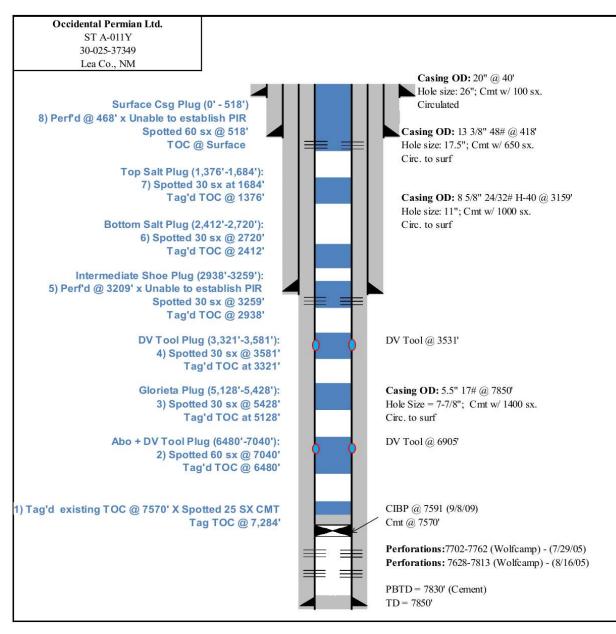
STATE A No. 5



669' FNL 660' FEL, SEC 32, T-18S, R-38E LEA COUNTY, NEW MEXICO

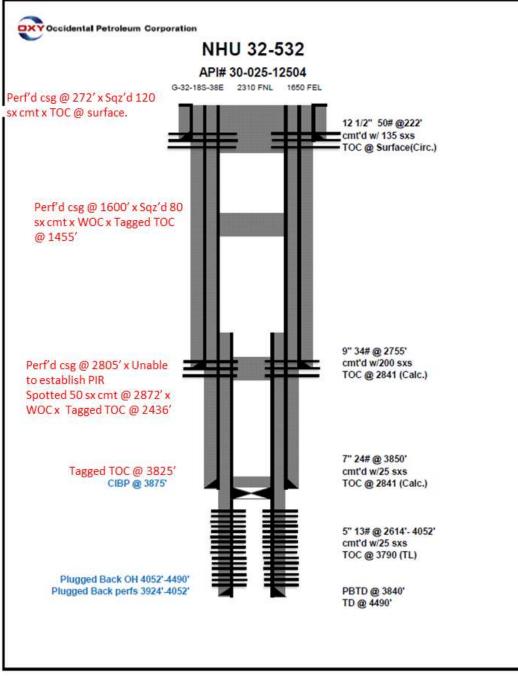
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30-025-37349	OXY USA WTP LIMITED PARTNERSHIP	STATE A	011Y	Oil	Plugged, Not Released	1484	S	1526	E	J	29	185	38E	7/2/2005	7850	17.500 11.000 7.500	13.375 8.625 5.500	418 3159 7850	650 1000 1400	Surf Surf Surf	0 0 0	7702'-7762' WOLFCAMP	Well Plugged on 8/31/2022

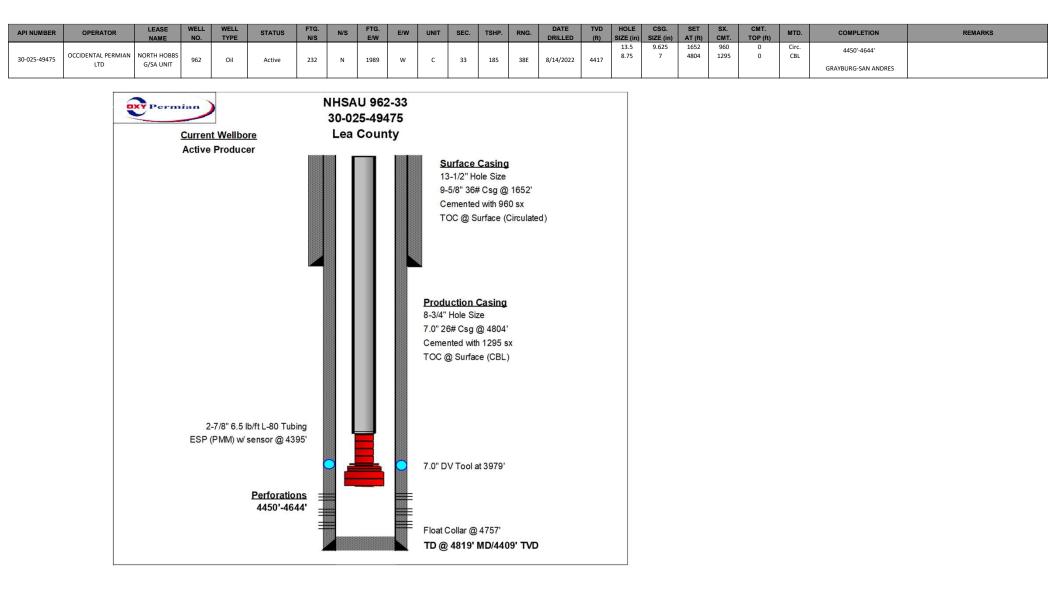


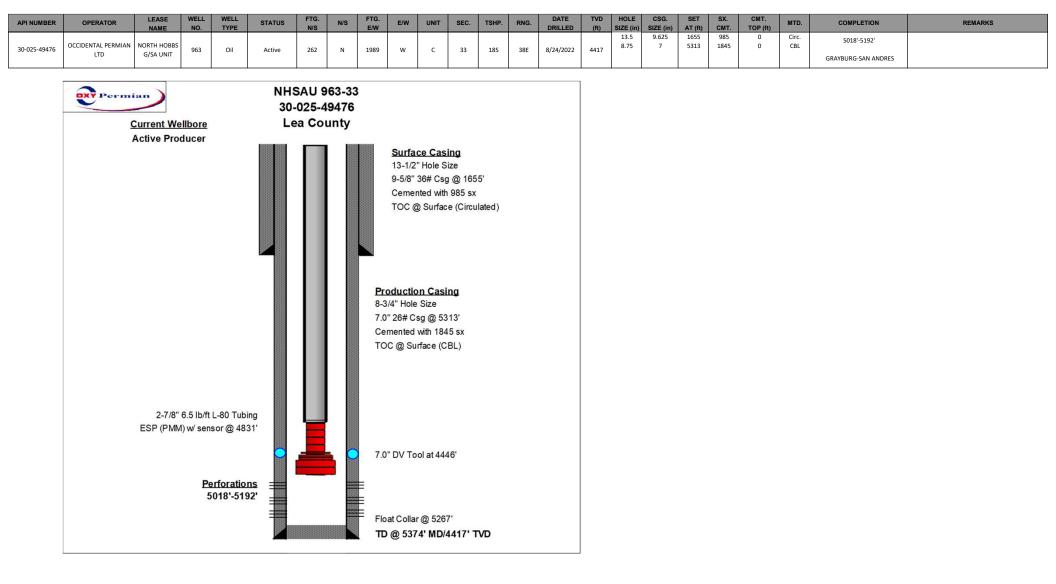
API NUMBER	OPERATOR	LEASE	WELL	WELL	STATUS	FTG.	N/S	FTG.	E/W	UNIT	SEC.	TSHP.	RNG.	DATE	TVD	HOLE	CSG.	SET	SX.	CMT.	MTD	COMPLETION	REMARKS
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																12.250	10.250	222	135	Surf	Circ	4052'-4490'	Well Plugged on 05/26/2022
30-025-12504	OCCIDENTAL PERMIAN LTD	NORTH HORRS G/SA LINIT	532	Oil	Plugged, Not Released	2310	N	1650	F	6	32	195	38F	11021	4490	9.000	8.625	2755	200	2841	Calc	HOBBS; GRAYBURG-SAN ANDRES	
30-023-12504	OCCIDENTAL PERMIAN ETD	NORTH HOBBS G/SK ONT	552	0"	Thagged, Not Released	2510		1030		0	52	100	502	11021	4450	7.000	5.500	3850	25	2841	Calc		
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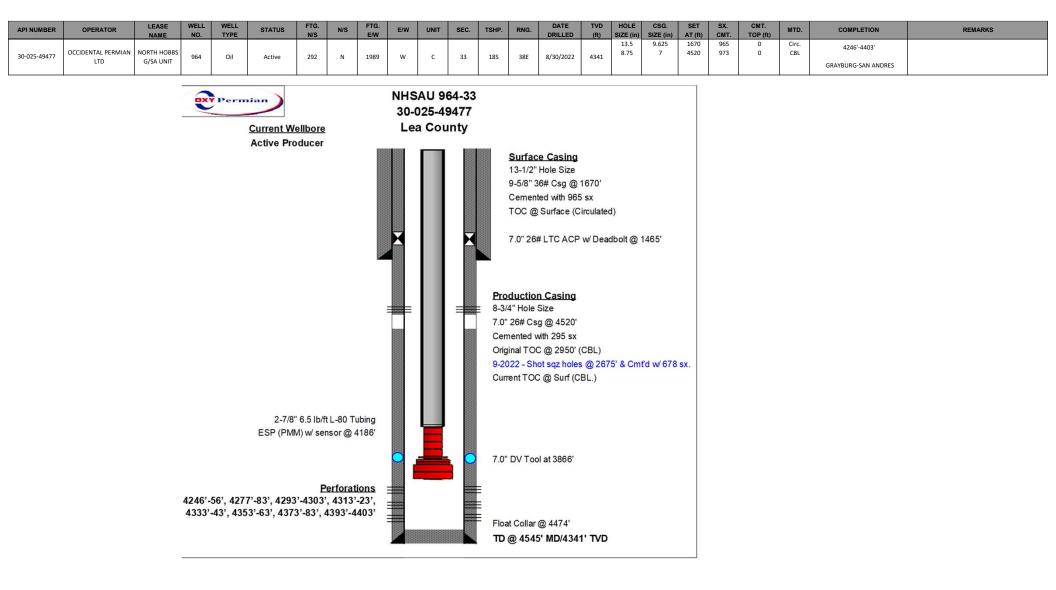
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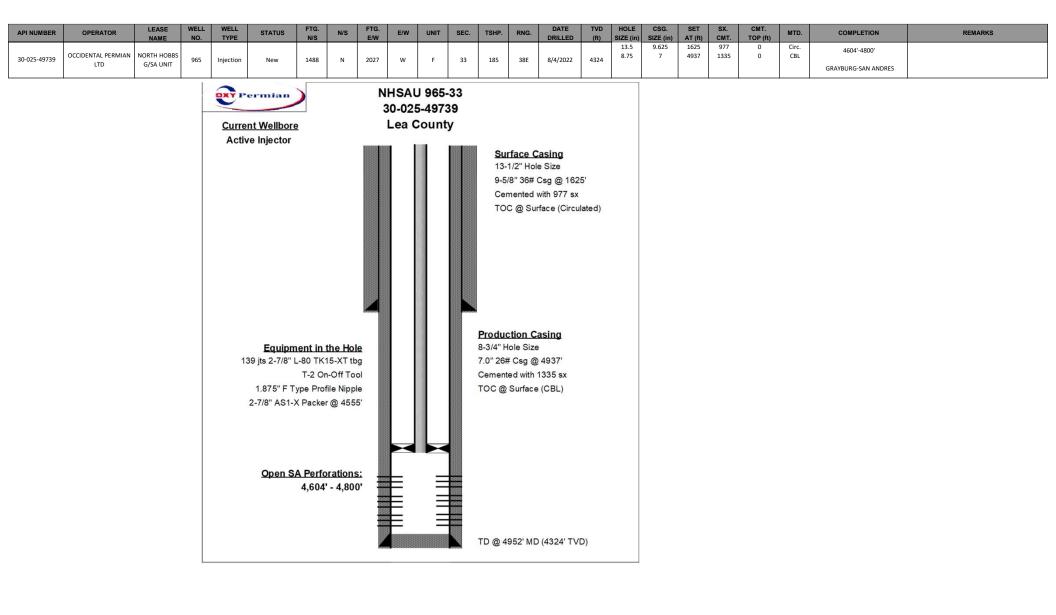


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30-025-44718	OCCIDENTAL PERMIAN LTD	NORTH HOBBS G/SA UNIT	694	Oil	Active	1000	N	2188	w	с	33	185	38E	12/22/2018	4541	13.500 8.750	9.625 7.000	1655 5207	820 1110	Surf 0	Circ Calc	4661'-4930' GRAYBURG-SAN ANDRES	DV tool at 3,717'
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400-3000, 78 370, Type CiV HS8 MTSCA.HT, CS MONEL, - 1 (#176-472) ESP Purp (Bores-Parent 00054, Model 1 (#176-472) ESP Purp (Bores-Parent 00056, Model 1 (#176-472) ESP Purp (Bores-Parent 00056, Model 1 (#176-472) ESP Purp (Bores-Parent 00056, Model 1 (#176-473) ESP Purp (Bores-Parent 00056, Model 1 (#178-473) ESP Purp (Bores-Parent 00056, Model 1 (#178-473) ESP Purp (Bores-Parent 00057,		-		1925					Mo	nel)Ne	ew					@(5066	-5074) P	enforations-	Close	ed-Squeezed - N/A	
40-000, iso 10; i) (PC UV TRAN (0.54 Hr.) C.53 MOREL /- F Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.54 Hr.) C.53 MOREL /- F Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.54 Hr.) C.53 MOREL /- F Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.54 Hr.) C.53 MOREL /- F Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.55 Hr.) (C.56 MOREL /- HRW (0.52 MIG)) Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.55 Hr.) (C.56 MOREL /- HRW (0.52 MIG)) Linitial U-s.35 - N/ANA 40-000, iso 10; i) (PC UV TRAN (0.56 Hr.) (C.56 MOREL /- HRW (0.56 Hr.) (C.56 MOREL /- HRW (0.56 Hr.) (C.56 MOREL /- HRW (0.56 Hr.) (N/B)) Linitial U-s.35 - N/ANA 40-000, iso 11; i) (PC UV TRAN (0.56 Hr.) (N/B) Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA 40-000, in (PC UV TRAN (0.56 Hr.) (N/B) Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA 40-000, in (PC UV TRAN (0.56 Hr.) (N/B) Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA 40-000, in (PC U-S UP TRAN (0.56 Hr.) (N/B) Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA Linitial U-s.35 - N/ANA 40-000, in (PC U-S UP TRAN (0.56 Hr.) (N/B) Linitial U-s.35 - N/ANA Linititial U-s.35 - N/ANA Linitial U-s.35		-	•	1.24				30	_							@(3734	-5181) L	-80 7.000 C			
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405-8300. Type FSS T4. MT.C SM Morels – New 19(474-475) (SSP Gas Separator (Derive F-partro)207675, Type FSS P 4.00 V(SS CW Morels – Type CS Morel – New 19(474-475) (SSP Sea Separator (Derive F-partro)20765, Type FSPS 19(474-475) (SSP Sea (Sortes - Partro)20765, Type FSPS 19(474-475) (SSP Sea (Sortes - Partro)2076, Type FSPS 19(474-475) (SSP Sea (Sortes - Partro)2076, Type FSPS 19(475-4778) (SSP Sea (Sortes - Partro)2077, Type FSPS 19(475-4778) (SSP Contro) (Sortes - Partro)2077, Type FSPS 19(475-4778) (SSP Contro) (Sortes - Partro)2077, Type FSP 19(475-4778) (SSP Contro) (Sortes - Partro)2077, Type FSP 19(475-4778) (SSP Contro) (Sortes - Partro)2077, Type FSP 19(475-4778) (SSP Contro) (Sortes - Type FSP) 19(475-4778) (SSP Contro) (Sortes		-	*	1.01					Net	N						@(5182	-5223) L-	-80 7.000 0		00# Round Long 6.276 ID	
1 Type ESP E 400 (VISC VISO HS SS HT, Vortex Type, CS (E) (222-623) (Caling State (T, 700 CD Casing) - N/A - N/A 1 (E) (274-475) (SS PSet (Kortex - Partriot00205, Type BPSL) (E) (222-623) (Total Depth - N/A - N/A 1 (E) (274-475) (SS PSet (Kortex - Partriot00205, Type BPSL) (E) (222-623) (Total Depth - N/A - N/A 1 (E) (4860-478) (SS - Nathor File Casing (Kortex - Nathor Nite (Kortex - Nathor Nite Casing (Kortex - Nathor Nitex - Nathor Nite (Kortex - Nathor Nite Casing (K		E	11					. (400	H5300, T)	pe HSS	TA MTS	SCA HT, C	S Monel)N	ew	@(18-5	224) Cen	ment (benind		ing) - N/A N/A	
1 (-14-4-75) (-159-584) (-150-550)		192	-	125					Тур	e ESP B	400 VG5					@(5223	-5224) C	asing Shoe	(7.0		
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109 107		4	3												pe BPBSL						
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9		8		121									C/ 6.50# T	&C External U	lpset						
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1 1		1/1	-	125					Dri	t - N/A	-N/A										
YS Fillout ID- 8.865" - N/A - N/A YS G(1594-1636) J-55 9.625 OD/ 36.00# Round Long 8.921 ID 8.764 Drift - N/A - N/A G(16-1637) Cement (behind Casing) - N/A - N/A G(16-1637) Cement (behind Casing) - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(16-1637) Float Collar Nominal - 9.625" OD-10.630" G(18-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(18-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(18-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID- 8.865" - N/A - N/A G(18-1637) Float Collar Nominal - 9.625" OD-10.630" Drillout ID - 8.865" - N/A - N/A G(18-1637) Float Collar Nom OD/ 26.00# Round Long 6.276 ID Float N/A - N/A G(14709-4755) Perforations - Open-Open - N/A G(14709-4755) Perforations - Open-Open - N/A G(4801-4805) Perforations - Open-Open - N/A G(4801-4805) Perforations - Open-Open -		E	= (1					8.76	64 Drift -	N/AN	NA.		-							
G (14789-4795) Perforations - Open-Open - N/A @(4801-4805) Perforations - Open-Open - N/A		E						E	Dri	liout ID- 8	8.865" - 1	NAN	/A								
G (14789-4795) Perforations - Open-Open - N/A @(4801-4805) Perforations - Open-Open - N/A		2 -	- (3			A.A.A.	E	8.76	54 Drift -	N/AN	I/A		-	32110						
G (14789-4795) Perforations - Open-Open - N/A @(4801-4805) Perforations - Open-Open - N/A		34	-	=					00	1636-163	7) Float	Collar I	Vominal - 9		630"						
G (14789-4795) Perforations - Open-Open - N/A @(4801-4805) Perforations - Open-Open - N/A		-	1				ALC: N		Pro	duction C	casing (1	Top-Bott	om Depth) (
G (14789-4795) Perforations - Open-Open - N/A @(4801-4805) Perforations - Open-Open - N/A			1	3	Scond.		83.		6,1	51 Drift -	N/AN	MA.		-							
@(4801-4805) Perforations - Open-Open - N/A		105					- A		6,1	51 Drift -	N/AN	NA .		-	276 ID						
		E	TT	2100	A. C.	100	Ser.														
		E	-		Rad	in the															

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Side 1

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INJECTION WELL	DATA SHEET
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OPERATOR: OCCIDENTAL PERMIAN LTD

WELL NAME & NUMBER: North Hobbs G/SA Unit #411

WELL LOCATION: <u>325 FNL</u> , 323 FEL	A	32	18S	38E
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC		<u>WELL CO</u> Surface C	DISTRUCTION DATA Casing	
See attached				
	Hole Size: <u>17"</u>		Casing Size: 12.5"	
	Cemented with: 200	SX.	or	ft ³
	Top of Cement: Surface)	Method Determined:	Calc.
		Intermediate	e Casing	
	Hole Size: 12.25"		Casing Size: 9.625"	
	Cemented with: 400	SX.	or	ft ³
	Top of Cement: 1956'		Method Determined:	Calc.
		Production	Casing	
	Hole Size: <u>8.75</u> "		Casing Size: 7.0"	
Liner1 Hole Size = 6.125" Liner1 Casing Size = 5.5" Liner1 Cmt = 240 sx	Cemented with: 500	SX.	or	ft ³
Liner1 TOC = 3794' Liner1 TOC Method = Calc.	Top of Cement: <u>2690'</u>		Method Determined:	CBL
Liner1 Top = 3794' Liner1 Btm = 4445'	Total Depth: 3939'			
		Injection I	nterval	
	4060'	feet	to 4267' (Per	rforated)

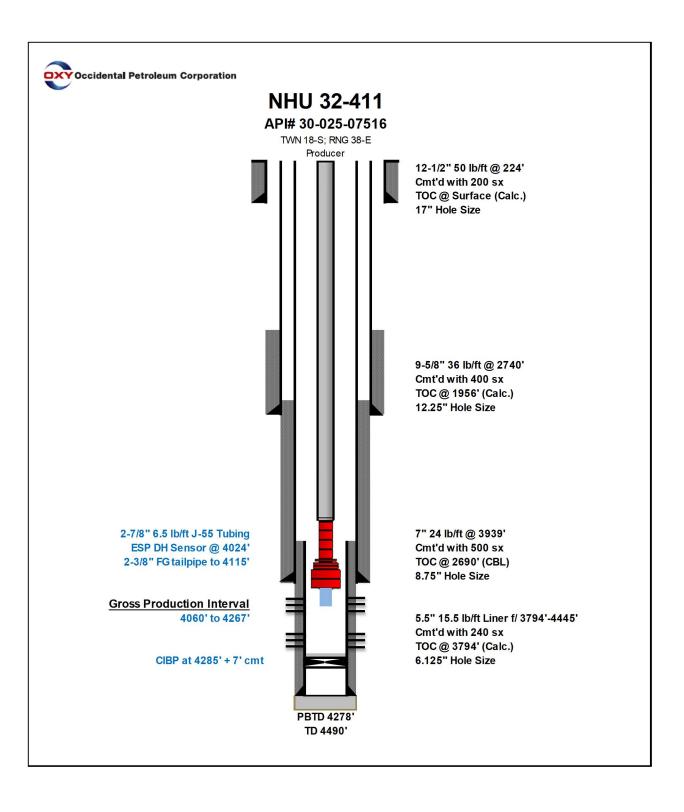
(Perforated or Open Hole; indicate which)

Side 2

.

INJECTION WELL DATA SHEET

Tubing	ng Size: <u>2.875</u> "Li	ning Material: Duoline (fiberglass)
Type of	of Packer: <u>5.5" Arrowset</u> 1-X Dbl Grip	
Packer	er Setting Depth: approx. 4000'	
Other	r Type of Tubing/Casing Seal (if applicable): <u></u>	NA
	Addition	al Data
1. Is	Is this a new well drilled for injection?	YesXNo
If	If no, for what purpose was the well originally	drilled? Producer
2. N	Name of the Injection Formation: Grayburg/Sar	Andres
3. N	Name of Field or Pool (if applicable): Hobbs;	Grayburg - San Andres
	Has the well ever been perforated in any other intervals and give plugging detail, i.e. sacks of	
in	Give the name and depths of any oil or gas zon njection zone in this area: Byers (Queen) @ 300' TVDSS	
0	Glorieta @ -1660' TVDSS	



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Imrzos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

□ AMENDED REPORT

		V	VELL LOCAT	ION AND	ACI	REAGE D	EDICATIC	NPLAT			
	AP	I Number	Poo	l Code				Pool Name	,		
30-025	-075	16	31920		H	IOBBS; GF	RAYBURG-	SAN ANDF	RES		
Ргоре	erty Code	,			Property	y Name		Well Number			
19250			N	411							
	RID No.				Operato.	r Name					Elevation
157984	4		00	CCIDENT	AL I	PERMIAN	LTD.			3	649.4'
				Surfa	ice Lo	ocation					
UL or lot no.	Section	Township	Range		Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
Α	32	18 SOUTH	38 EAST, N.	М. Р. М.		325'	NORTH	323'	EAS	T	LEA
			Bottom Ho	le Locatio	n If l	Different H	From Surfac	e			
UL or lot no.	Section	Township	Range		Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
Dedicated	Acres	Joint or Infill	Consolidation Code	Order No.							1
40											

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION	325'	OPERATOR CERTIFICATION
NEW MEXICO EAST NAD 1927	323'	I hereby certify that the information contained herein is true and
Y=624042.03 US FT X=860106.10 US FT	525	complete to the best of my knowledge and belief, and that this
LAT.: N 32.7101230* LONG.: W 103.1626023*		organization either owns a working interest or unleased mineral
NAD 1983 Y=624101.87 US FT X=901286.05 US FT		interest in the land including the proposed bottom hole location or
LAT.: N 32.7102361*		has a right to drill this well at this location pursuant to a contract
LONG.: W 103.1630875*		with an owner of such a mineral or working interest, or to a
		voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division. <u>Roni Mathew</u> 10/19/2023 Signature Date
		Roni Mathew
		Printed Name
		roni_mathew@oxy.com
 		E-mail Address
		SURVEYOR-CERTIFICATION I hereby certification we wall location shown on this plat wasplotted from field holes of actual curvess made by me or number my supervision, and that the same is the and correct to the best of my belief. ISOT ULLY 28, 2022 Date of Survey Signature and SenDer SSIONA Professional Surveyor.
		Senny Aul 0/2/2022 Certificate Number 15079
		WO# 220728WL-d (KA)

Religentin ad 0 105/2023 2:16:53	30-0 727	30-025-37127 025-3693430-025-36035 L 1 30-025-07358 -025-28414 30-025-07358	30-025-38524 ³⁰⁻⁰²⁵ NWNE (B) 30-025-07369 ³⁰	NENE (A) 0-025-43840 30-025-07370	•30-025-0737 NWNW (D)	NENW (C)	NWNE (B)	A (A)	NWNW (D3)	NENW (C)	NUCENTRA NWNE (B)	NENE (A)	NWNW ሣ(ወງars Dr	NENW W(Organs)	Page 23	of 26
G/SA Unit 411		m. Kar 5	3661 8	Y 5. 73. A.			NN COU. 30-0	25-07374	\$**	A OTOLAND	Cito W Kie	owa Ave		Acom	EA	Sonn St
0/3A 0111 411	SENE	30-025-37350 SENW -025-05478 (F)	SWNE (G) 30-025-07355	30-025-408	2454 _{SW1} 30-025- 59 (E)	07378 SENW 30-025-07377	SWNE (G) 30-025-07380	SENE (H) 30-025	SWNWomme (E) 0738930-025-277	ce or SENW (F)	o_ 1 _{SWI} 30-025-0 (G)	07395 SENE (甘) cohity	SWNW (É)	SENW ^{SS} (F)	SWNE (G)	SENE (H) _{3636 ft}
AOR	,°	•30-025-07357 30-025-291	•30-025-0736	030-025-37446 3	0-025-37435 30-025-29196	3651 30-025-07382 2	⁶ • 30-025-0	737930-025-0738	···	_3	-w.c	W Copper A	ve z	W Coal Av	22 N N	E-Glorietta Dr
	NESE	0346/ = 1 h L 2	30/025-0736	330-025-12490 NESE	NWSW	•	NWSE	30-025-0738	NWSW	NESW	NWSE	N Iron Ave	NWSW	NESW	E Clearfork Dr E Wolfgamp Dr	E WHEE D
Oil and Gas Wells	(1)	30-025-3715430-025-37235 30-025-37410 30-025-29098 30.025-37410		260130-025-37445	30-025-232	NESW 206 (K30-025-2	7214 30-025-07372 30-025-07	30-025- 7381 30-025-0737	0738630-025-0739	30-025-07394	2069630-025-0739	2 (1)	(L) –W.Gold	Ave (K)		(T) tson Dr
Wells - Large Scale	ø	20.025 4472930.025 4422	w Junes ()	W Jones Ln 30		30-025-07384		ç		•	⁰⁴ /3910.		W Cielo Dr	Gold Av	2 £-5	inset Dr
Miscellaneous	SESE	2 FS 30-0	25-12492 _{SWSE} 25-23481 (O) 30-025-1249		SWSW W Tr	evino Rd <mark>SESW</mark>	SWSE	SESE	SWSW	SESW 025	22690 SWSE (0) 30-025-0739 5-22602	SESE	SWSW	W silver t SESW	SWSE	SESE
★ CO2, Active	(P) •30-0	85 3/30:025:07365 (N 30-0 025-05486	25-23481 (O) 30-025-1249 30-025-07364	(P) 30-025-	0736630-025-0738	evino Rd <mark>SESW</mark> 33 (N) 30-025-	1249330-025-07371	30-025-0737 30-025-0	3 30-025-0739 07385	(N) ³⁰⁻⁰²³	30-025-0739 5-22602	(P) 30-025-07397	(M)	-(N)	(O) -E St	Anne PI(P)
	30-025	V Bender Blud		-	W Bender Blud	30-025-374	107 10 10	der Blvd		W Bender	Bivd	. 4	18			
CO2, New	NENE	30-025-2900 NEI30-02	5-0746630-025-0746	9 ^{30-025-29197⁵}	30-025-0745		025-07433 NWNE	NENE	NWNW	NENW	NWNE	NENE	NWNW	Z NENW	NWNE	NENE
★ CO2, Plugged	(A)	L 1 NE[30-02 30-025-37102) 31 30-025-29064 30-025-268	0-025-35332 ⁹)	(A)	30-025-2391	23222 30-025-2362 19 30-025-2362	230-025-2362130-0	25-0743230-025- 9 305025-074	07455 30-025-074	22 (C) 30	-025-07425	(A)	(D) d	G W Orops	(B) C (B) C (B)	(A)
CO2, Temporarily Abandoned		30-025-29064	33 30-025 28412	-30-025-27059 -	30-025-2895	30-025-2	6934 30-025-2888	3	30-025-28964		30-025-074	30-025-07419	30-025-24490	3375	2 3	
☆ Gas, Active ☆ Gas, Cancelled	\sim	30-025-362 geni30-02	30-025-28555 25-07,465 30-	-025-07488 _{1E}	0 30- SW030-025-	-025-37213 30	-025-37128 30-0 02 30-025-0	25-37475 30-025-0746 7434 SEAR	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30-025-074	29	SENE	SWINDA	SENW SENW	intey's	E Abd ODENE
Gas, Cancelled Gas, New	25 SE30-0	L 1 30-025-37102 3 30-025-25064 30-025-25064 30-025-25064 30-025-25064 30-025-25064 30-025-25064 30-025-250 225-05492 30-025-07461 30-025-25 30-025-25-250 30-025-25-250 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07487 30-025-07512 WEW L1 WEM L1	40 25-0746230-025-0746	7 30-025-074	68 (E30-025-	30-025-2358 -3755830-025-0743	5 30-025-2362030-	025-07431 	30-025-0742	30-025-0742	30-025-0741	6 30-025-07418	27243 (130-025-	30910 (F)	27 SWNE	Bala DA
🌣 Gas, Plugged		30-025-07464	30-025-22172 942 W Mahan Rd 3 30-025-07472	0-025-28954 WEM	30-025-35897 30-025-3575	4 S	025-35915	20.025.0503	20 005 404	7 20 025 00000	2 ³⁰⁻⁰	23-31633	30-025-12	194 NH ROJO D'	s of	
Gas, Temporarily Abandoned	30	025-05492	30-025-2232030-025-	30-025-0747 -35727 5 26294	4 30- 5-28580 30-025-	-025-07447 -3601130-025-0743	8 NWSE	130-025-35376 NESE 30	30-025-124	NESW	W Princess Jeann	07446 MEGE	NIMOIN	W AICO	OT NWSE	Mesa Dr Vi
/ Injection, Active	(1)	5-37105 30-025-37120 30-025-0	748330-025-22146	(P) 30-025	-36280 30-025	-025-23131 / 5-21962 (M 3	0-025-34869	·-23049 30-02	5-23400	-23277	30-025-0741	2 30-025-0741	L) 0 0 0	(K)		(Line and the second se
Jujection, Cancelled	NEBE	30-025-269	30-025-2895	5 	30-025-3	48/1 SW 52 0-025-358/30 025-3	30-025-372 30-025-0743	93 30-025-07456	30-025-28885 30-0	25-07421	9276_NWSE	• • • • •	• 30-025	35349	NWSE	Anno Or NESE
Injection, New	30	025-05499 30-025-07487)	30-025-2196630-	-025-24665)	30-025-3575	6 (*	30-025-28884	30-025-34644	4 20.025	22246 30.025-23	(J)	N Berry D(1)	(L) ³ ₂	(к)	(J)	(1) E Permian Dr
Injection, Plugged	25 S 30-0	30-025-0748430-025	-36247 -30-025-3628	30-025-2648530	36242 SWSW 30-0 -025-36837	25-2302230-025-22 30-025-07441-0	934 -025-07437	SESE (P) 30-025-	30-025-3719	30-025-31663	30-025-1	07414 SESE (P)30-025	SWSW 5-07411 (M)	SESW 30-025-07409	27 30-025-07407 E Gre SWSE	SESE Acres(P)
Injection, Temporarily Abandoned	(*)	*30-025-07482	30 ² 025-219 	65 30-023-28535 W-San	-025-07473	30-025-35674 69€30-025-28413	•30-025-07445 30-025-35670	30-025-35672	•	20.025.20026	• (Ö)	ø	●30-025-0740	W Sanger	(O)-EY	ucca Dr
Oil, Active	30	-025-05539 30-025-07511	30-025-07505	30-025-0749430	-025-07490	30	025-07522	00-023-29017	025-07516 30-0 025-07516 30-0	25-49476 30-02	5-07555 30-025-23	25-29931 438 30-025-	28299		E CI	rbett St
Oil, Cancelled	NENE	L1 NENW L1 (30)025	30-025-0749 -49742 30-025-074	91 30:025-497 49630-025 ¹ 23204 ³	30-025-0752830 0-025-49(763)	-025-3025830-025-2	22792 30-025-230	76 30-025-23116 30-025-361/4930-0	30-025:12508 025-232070)	30-085 246 230-03	025-07564 30-	025-07556 _{IE 30}	025-29677,30-02	5-28968 _{NENW} -0757530-025-07	579 NWNE (B) E 30-025-125	NENE
Oil, New		le la	30-025-37428	30-025-27060	30-025-22	62730-025-35657 30-025-0762	530-025-35667	•30-025 30-025-26973	5-34964 30-025-29074	• 4 30-02	5-44718 W Scharba 2n 30-0	uer St 25-27169	Mexico		30-025-125	09 S
Oil, Plugged	30-0	025-09926 30-025-07513	30-025-37428 30-025-07506 Swr30-025- 25-0750430-025-0745 30-0 31	••**	30-025-075	526 30-025-27140	30-025-1250	30-025-35726 Field	30-025-34		2.h W Cinton 5 -49739	st	W Clinton St	W Clinton	St E - 5	oustor
 Oil, Temporarily Abandoned 	SENE (H)	8S 37E18S 38E30-025-07514 L 2 0 SENW (F30-02	SW[30-025- 25-0750430-025-0749	07497 SEN30-025	0749530-025-075	3130-025-07529	SWNE (G)	0-025-36150	23130 30-025-232	6330-025-233343	0-025-34372 30-	025-28268 30-025	07554 30-025-2	6375 30-025-0 28309 (F)	7578 ESWNE	N SENE
△ Salt Water Injection, Active	Ĩ		• 30-0 0	25-30204 ●	•	30-025-28944	3566830-025-07518	30-025-29198	30-025-07559 ⁻⁰	25-07563	30-025-07552	30-025-28951 3	0-025-34997 30-025	35742 W Alston	st 30-025-125	10 _{on St} (H)
△ Salt Water Injection, Cancelled	- 36 30	25-22753 _30-025-07509	25-0750430-025-0745 30-025-07507, 30-0 30-025-07507, 3639 /t 30-025-07507, 3639 /t 30-025-0749930-025; (J) 30-0 30-0	20 025 27244	-w c 30-025-07	527 30-025	2-0752130-025-0758	8 30-025-	07537 20-025-0754	30-025-07545 3	3 0-025-28410	W Cain St	N 100	W Cain S	8970	
△ Salt Water Injection, New	NESE	L3 NESW	30-025-0749930-025	12503 NE30-025-0	0 0750130-025-2304	5 30-025-35385	Solution State	3309 -025-34374	30-025-231	530-025-43282	NWSF 30-025-35758	-3030830-025-385 -0755330-025-282	72 30-025-	26583 30-025-0 5-28308	7570 30-025-075	66 NERE
△ Salt Water Injection, Plugged		(K)	(3) 30-0	25-4976 30:025-07500	9768 30-025-0753	30-025-27139	30-025-29173	30-025-26974	-34375 30-025-345	8030-025-26834	30-025	-0755330-025-282	69 YLY 30			•
△ Salt Water Injection, Temporarily Abandoned		30-025-07510	30-0 30-025-07508 30	25-4974030-025-4 -025-07502	9765 30-025-2894 30-	3	753330-025-35452	30	30-025-28411 0-025-3553430-025-	30-025-447 3499330-025-4472	20 ^{N_} 21				30486 30-025-075	67
Water, Active	SESE	SESW	SWSE	SE 30-025-	30-025-3166 12502 SWSW	30-025-28265	30-025-0754030	-025-29906	SW 30-025-0	07543 SES30-025-	30-025-24	Dunnam St 4005 SE30-025-0	7561 SWS30-025	-07572 SESWIE	30-025-28971	SESE
Water, Cancelled	(P P) S	(N)	(0)	(P) ₃₀₋₀₂	5-07498 ³⁰²⁰²⁵⁻⁰⁷⁸	3 025-0753430-025-0 230-025-28265 523 (N) 30-025-0 30-025-0	07524 ³⁰⁻⁰²⁵⁻⁰⁷⁵³⁹	(P 30-025- 30-025-28266	-07536 g # 30-025-0	7550 (N)	30-025-28267	30-025-26	36830-025-31211 30	-025-28333 yers s	(O) 30-025-28	30-025-07580
Water, New	_	30.025-07649 366 # 30.025-27622 30-0 L 4 30 S 37E 195 388 L5 SERV	30 025 07647	30-025-28304	0763630 025 076	30-025-	0762420 025 07614				e iei	0 7	30-025-	28332	- S - S - S	- Hob
 Water, Plugged 		3646 # 30-025-27622-20 0	30-025-07647 30	-025-07640 -025-07637 -025-07637	507635 ³⁰⁻⁰²⁵⁻²⁸⁹	975 - 30-	025-0762 <u>7</u> 30-025-0	7615 30-025-	07619 _ 30-025-0	362-30-02	5-28306 30-025-	30-025-28307 07629 30-03 20 025	25-29756 -W Gyp	y St W Gypsy 9 -025-2353030-02	30-025-28972 5-07587 30-025-075	82 30-025-07585
Water, Temporarily Abandoned	L1	L430-	025-49524 030-025-294	L 1 30-025-28973	30-025-28974	30-025-289	76 LT2 30-0 30-025-2897	30-025-28978	30-025-28 30-025-35	305 30-025- 318 30-02	07604 5-29892 ³⁰⁻⁰²⁵⁻³¹	5-24079 Rokana St 421 30	-025-29757	-07603 ** Harden	• 4	E Roxana S
? undefined	0119	S 37E 19S 38E	06	0-025-07639 30	-025-29519	30-025-26115 30-025-3586 07628 30-022-2 5-07631 500 630-025-2 30-025-28980 (F)	30-025-29751	30-025-35305	30-025-26116	30-025-29753	4_30-025-28335_	W Humble St			03	E
	SENE (H)	L5 SERW, O	30-025-07648 3 SWNE ,0 (G)	SENJ30-02	544610 30-025 025-07641 30-02	-07628 30-025-2 5-07631	7628 0-025-29083	SENE (H)30-025	30-025-283 07613 ^{SWNW} 30	334 30-025 025-3726630-025	-31427 30- 07610 ^{SWNE} 30-	025-31419 SENF 30-025	07599 ^{SWNW} 30-02	5-07589 ^{SENW}	SWNE	E Main St G SENE
OCD Districts and Offices	(,	22 C			Aw Midw	eșt St	07630 30-025-	07620	20.025.20094		30-0	0-025-28336 3 025-26647 3	0-025-2833730-02	5-26120 30-02	25-07588 30-025-07	584 of of
OCD District Offices	SENE (H)	L 5 SENW (F)	(G)	89 •30-025-2945 (H)	9 SWNW 30-025-26118	30-025-28980 (F)	30-025-44612	30-025-29084	30-025-07597 •30 30-025-4259330-025 425-42596/// 30-025	025-43099) •	0-025-28339,0 30	(H) 30-025-28340	(E) 80-025-28341	F)	(G)	SENE (H)
*	1	30-025-28197	30-025-07646 30-0	J25-0764430-025-0	025-0763430-025	130-025-44313	-07623 30-025-	07621	-025-425966530-02	5-42595 0 30-025-31	30-025-07602 423 30-0	30-025-28340 30-025-4264630-0 25-26623 30-02 30-025 4264630-0 30-025 4264630-0 30-025 426730-0	25.42649	1	25-07593 30-025-07	s suo
	NESE (1)	L6 NESW (K)	(J)	30-025-44312	NWSW (L) 20.025.29461	NESW (K) 30-025-289	NWSE 30-02 30-025-29085	5-076175E 30-025-34946	30-025-43097-30-02	25-43102 SW 25-43098K) 3	30-025-26119 0-025-26980	30-025-05-730-0 30-025-05-712-0 30-025	5 07607 () 30-0 2 5	07591 NESW&	AWASE S MOR	E/ NESE
Public Land Survey System	01 195 31	E	06 06 3618 ft	930-025-29443		130-025-44313 5-29520 NESW (K) 30-025-289 0 30-025-0763320	15	¢ 30-025-2908	2 0 30-025-289	83 30-025-314	29 <u>30-025-3143</u>	30-025-28345 	5054		03 nley s	s Mor
PLSS Second Division	3.		ø	0-025-07645 3	0-025-07643 Ø 3	30-025-07633 ₃₀ . 0-025-07632	-025-29521 30-0 	25-07622 25-24447 ø	0-025-26964				025-28346	0-025-07594	F. Palace S	
_	SESE (P)	L7 SESW	SWSE 30-025-4430	SESE (P)	30-025-294	SESW	SWSE 592 30-025-29054	SESE	Swsw (M)	SESW (N)	07608 30-025 30-025-31424	SE30-025-2 (P)	6981 SWSW30-02	5 28247 (45)	25-28348 ³⁰⁻⁰²⁵⁻⁰⁷ (O)	(P)
PERefeased to Imaging: 12/15/2023 2:18	:42	PM	•		1 7	50-025-2541	2			25-43100	Es Resource	sri, NASA, NGA, USGS is Department , Esri C	FEN 30-025-07583	tion Division of the	New Mexico Epergy, N	linerals and Natural as Parks & Wildlife,
	12 ^N	NE L1 NENW A) L1 (C)	07 NWNE (B)	NENE 30 (A) 30	-025-07650 ^{WW} 30	30-025-29522 30 -025-07654	8 (B)	25-12512NE	025-07618 -30:025-43106 ³⁰⁻⁰²⁵ 0 025-43105	-43104 C) 0	9 (B)	P, Esri, A06020-2835 (A) 30-1	SafeGradinGeoTech	30-025-28353	NASA, USG WIRE NPS 10 (B)	30-025-42541

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MITCHELL ANALYTICAL LABORATORY

2638 Faudree Odessa, Texas 79765-8538 561-5579

Company:	Nalc	o Comp	oany					
Well Number: Lease: Location:	NM OO OXY	CD Sprink	ler Syst	em Well		Sample Temp: Date Sampled Sampled by:		
Date Run: Lab Ref #:		/2013 v-n72700)			Employee #: Analyzed by:	27-022 GR	
				Dissolved C	Gases			
		(112.2)				Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulf		(H2S)		NOT 111		.00	16.00	.00
Carbon Dioxid Dissolved Oxy		(CO2) (O2)		NOT ANA				
				Cations				
Calcium		(Ca++)				105.89	20.10	5.27
Magnesium		(Mg++))			12.15	12.20	1.00
Sodium Barium		(Na+)			V755	54.56	23.00	2.37
Manganese		(Ba++) (Mn+)		NOT ANAL	YZED	.02	27.50	.00
Strontium		(Sr++)		NOT ANAL	YZED	.02	27.50	.00
		ι ,		Anions				
Hydroxyl		(OH-)		mons		.00	17.00	.00
Carbonate		(CO3=))			.00	30.00	.00
BiCarbonate		(HCO3-)			268.84	61.10	4.40
Sulfate		(SO4=))			54.00	48.80	1.11
Chloride		(Cl-)				111.12	35.50	3.13
Total Iron		(Fe)				0	18.60	.00
Total Dissolve						606.58		
Total Hardnes						314.54		
Conductivity N	1ICROM	IHOS/CM				858		
рН	7.96	0			Specif	ic Gravity 60/6	50 F.	1.000
CaSO4 Solubili	ty @ 80) F.	18.	02MEq/L,	CaSO4	scale is unlike	ly	
CaCO3 Scale Inc	lex							
70.0		.237	100.0	.587	130.	.0 1.0	97	
80.0		.367	110.0	.827	140.	.0 1.0	97	
90.0		.587	120.0	.827	150.	.0 1.3	27	

Nalco Company

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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

Operator:	OGRID:
OCCIDENTAL PERMIAN LTD	157984
P.O. Box 4294	Action Number:
Houston, TX 772104294	295234
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By Condition Condition Date mgebremichael 12/15/2023 None

CONDITIONS

Action 295234