Initial

Application Part I

Received 10/28/20

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



Occidental Permian LTD.
 A subsidiary of Occidental Petroleum Corporation

October 28, 2020

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

pBL2030732555

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. 312; API 30-025-27060 Well No. 632; API 30-025-37214 Lea County, NM

PMX-294

Occidental Permian Ltd. respectfully requests administrative approval to inject produced CO2 into the two above referenced injectors in the North Hobbs Unit per Order No. R-6199-F. The wells are currently authorized to inject water and purchased CO2. 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
- Map
- Area of Review statement
- Copy of Order R-6199-R

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 two injectors in this application are located within the expanded Phase I Area of the North Hobbs Unit.

If you have any questions regarding this application, please contact me at 713-366-5716 or email Kelley_montgomery@oxy.com.

Sincerely,

Kelley Montgomery Director - Regulatory

Received by OCD: 10/28/2020 2:55:51 PM STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL

RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 *Page 2 of 11* FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery X Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No									
II.	OPERATOR: OCCIDENTAL PERMIAN LTD									
	ADDRESS: P.O. Box 4294 Houston, TX 77210-4294									
	CONTACT PARTY: Jose Gago PHONE: 832-646-4450									
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? <u>X</u> Yes No If yes, give the Division order number authorizing the project: <u>R-6199-F</u>									
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.									
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.									
VII.	Attach data on the proposed operation, including:									

- 1. Proposed average and maximum daily rate and volume of fluids to be injected;
- 2. Whether the system is open or closed;
- 3. Proposed average and maximum injection pressure;
- 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
- 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Jose Gago	\bigcirc		TITLE: Regulatory Engineer	
SIGNATURE:	Vorenin	Geool.	DATE: 10/28/2020	
E-MAIL ADDRESS:	Jose_Gago@oxy.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: <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 Occidental Permian Ltd. NORTH HOBBS G/SA UNIT #312 Lea County, NM

- I. This is a pressure maintenance project. The project qualifies for administrative approval.
- II. OCCIDENTAL PERMIAN Ltd.
 P.O. Cox 4294 Houston, TX 77210-4294
 Contact Party: Jose Gago, 832-646-4450
- III. Injection well data sheet and wellbore schematic has been attached for NORTH HOBBS G/SA UNIT #312.
- 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 #312" (API: 30-25-27060) 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.
- VII. The proposed operations data sheet is attached.
- VIII. The information was previously submitted as part of Order No. R-6199-F application
- IX. This is an existing injection well. No stimulation is planned at this point.
- X. CBL, Neutron Porosity Log, and Laterolog were filed at the time of drilling.
- XI. Per our field personnel, no fresh water wells were found within 1 mile of this well.
- XII. N/A. This is not a disposal well.
- XIII. Section 3 of 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.

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Side 1

INJECTION WELL DATA SHEET

OPERATOR: OCCIDENTAL PERMIAN LTD

WELL NAME & NUMBER: NORTH HOBBS G/SA UNIT #312 WELL LOCATION: 1262' FNL, 1520' FEL В 31 18S 38E FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE WELLBORE SCHEMATIC WELL CONSTRUCTION DATA Surface Casing NORTH HOBBS G/SA UNIT #312 1262' FNL 1520' FEL, SEC 31, T-18S, R-38E LEA COUNTY, NEW MEXICO Hole Size: 12.25" Casing Size: 8.625" 30-025-27060 or ____ ft³ Cemented with: <u>950</u> sx. Top of Cement: Surface Method Determined: Circulated 185 sx Intermediate Casing Hole Size: 7.875" Casing Size: 5.5" (Production Casing) 12 1/4" hole, 8 5/8" 24# K55 casing *or* _____ ft³ Cemented with: <u>1050</u> sx. Casing set at 1,598' Cmtd w/ 950 sxs. Circulated Top of Cement: <u>~2500</u> Method Determined: CBL **Production Casing** Casing Size: 4.5 (Partial Liner) Hole Size: <u>5.5</u>"_____ ft³ or _____ Cemented with: 30 sx. Top of Cement: <u>3,977</u> Method Determined: Circulated Total Depth: 4,320' Perfs 4.092' to 4.281' **Injection Interval** 4 1/2" Liner set @ 4.320' to 3.977' feet to 4,500' (gross interval) Perforated 4,000 PB: 4,320' Cmtd w/30 sxs. Circulated 7 7/8" hole, 5 1/2" 14# K55 casing (Perforated or Open Hole; indicate which) TD: 4,510' Casing set at 4,510' Cmtd w/ 1050 sxs. TOC @ ~2,500' (CBL)

Side 2

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INJECTION WELL DATA SHEET

Tub	ing Size: 2.875" Lining Material: Duoline (fiberglass)										
Тур	e of Packer: <u>4-1/2" x 2-3/8 x 9.5-13.5# ARROW SET 1 - X Double Grip</u>										
Pac	ker Setting Depth: <u>4,064'</u>										
Oth	er Type of Tubing/Casing Seal (if applicable):										
	Additional Data										
1.	Is this a new well drilled for injection?Yes _XNo										
	If no, for what purpose was the well originally drilled? Originally drilled as H2O injector, later converted to H2O/CO2, Propose to convert to H2O/CO2 and Produce Gas										
2.	Name of the Injection Formation: Grayburg/San Andres										
3.	Name of Field or Pool (if applicable): <u>Hobbs; Grayburg - San Andres</u>										
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										
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:										
	Glorieta @ +/- 5,300'										

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🛧 NHSAU 312	SWNE SENE (G) (H)	SWNW (E) 30-025-44408	SENW (F) 20.025	09876 30-025-35555 30-02 30-025-43639	543074 L 2	SENW SWA (F) 30-025-07355	30,025,37446	(E)	100	SWNE 30-825-07380	SENE (H)	SWNW Commen	SEAW 30-025-073
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Wells - Large Scale						64 30-025-26833 30-025-						ø	30-025-074
Miscellaneous	26	1	30-025:05502	30-025-26933	-	30-025-1629780 30-025-285	555 0 2	30-025-28953	,185 38E	30-025-37	7475	30-025-28964	200026 02420 2
★ CO2, Active	SWNE SENE	SWNW (E)	SENW 30-025	0549530-025-05505 SENE	L2	SEN30-025-07465 SWIN	16 -30-025-07488JE	SW 30-025-2	30-025-23585	2 SWNE 30-025-2362	Orestert Dr	swa30-025-074	30-025-07429 2 50-30-025-07428 SWNE SE
☆ CO2, Cancelled ★ CO2, New	1	127	1et	30-025	-0550430-025-07	464 30-025-07462 30-025-22172 30-02	30-025-0746	30-025-21963 30-025-36897	0-025-37558	25-35915	5-0745730-0	30-025-07420	(F)30-025-07416 (G) (1 30-025-07427 • 30-025-316
★ CO2, New ★ CO2, Plugged	3073 #		NESW 30-025	-05498 30-02	5 0549230-025-0	30-025-28942 30-025-2 7481 30-025-28942 30-025-22	025-07472 30-025-21970	30-025-28957 30-0	25-07447 30-0	25-37250 30-02	25-35376 D	strict 1 Office	0-025-28882 W
 CO2, Flugged CO2, Temporarily Abandoned 	(J) (I)	(L)	(K) 30	-054985E NESE 30-02 -025-0549430-025-05500	-025-05495 30-025-0	44 30-025-26833 30-025-288 30-025-362730 025-288 30-025-2175 30-025-288 30-025-2175 30-025 30-025-2175 30-025 484 30-025-28842 4850-025-01781 30-025-289 30-025-28942 30-025-289	30-025*35727 30-025 030-025-36281	28580 (L 30-025-	3601130-025-07438 025-2313130-025-0	(J) 30-025-35541 30-025-2304	19(1)	30-025-12497	24 30-025-07423 0-025-074
☆ Gas, Active	NWSE NESE	NWSW	NESW	NWSE NESE 30-0	25-37105 30	025-37120 30-025-36216 3 30-025-26935 30-02	0.025-22190 NES 30-025-	36280 30-025-34	21962 •30	-025-34869 30-4	025-37409	•30-025-23	NESW 30 023-0741
Gas, Cancelled	(J) (I)	(L)	(K)	(J) (I)	0.025.05409	P 30-025-3	5755 30-025-2700	575630-025-3585	30-025-26917 30-025-34	30-025-07436 30:0	3025-35673	-025-28885 30-025-	30-025-29276
🔅 Gas, New	26	-	30-025 • 25	-05501 30-025-05497		0-025-07487 0-025-0748430-025-36247 30-02 30-025-28886 30-02	056 30-025-24505	30-025-28958 30-025-35527	20,025,220	30-025-28884 30 30-025-35384 3	0-025-34644	30-025-233	26 30-025-23304 30-025-074
🌣 Gas, Plugged	(O) (P)	SWSW (M)	SESW (N)	(0) (P) 30	-025-05493	30-625-28886 30-02	25-12501 30-025-26485 25-21965 30-025-28959	30-025-074	4830-025-07 44130-	025-07437/	(P) 30-0	30-025-3710130	025-31663 [N] 30-025-12498
Gas, Temporarily Abandoned		_	185 37E	•	*30-025-07		30-025-23235 30-02	5-07473 30-025-356	57430-025-28413	00020-0144030-02	3-33012	*30-025-12496 0-025-35671-30-02	• • 30-025-1248
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Injection, Cancelled	NWNE NENE (B) (A)	(D)	NENW (C)	(B) NENE (A)	30-025-07512 L 1	NENNY 30-025-07503 (C)	30-025- 25-07491 30-025-23204 30-025-07496 (Å) 30-0	25-22620 30 025-0	30-025-30	258 (B) 30-025-3	5820 A 30-025-3	4964 (D) 30-025	30-025-07564 30-025-149 1250830-025-12752 30-025-0755 30-025-12752 30-025-0755 30-025-1752 30-025-0755 30-025-14719
Injection, New	35		36			31 30-025-3	7428 30-025-27060	30-025-075	30-025-35657 30 26 30-025-07525				
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,🖉 Injection, Temporarily Abandoned	(G) (H)	(E)	(F)	(G), ⁰ (H) •		30.025.07514	1 (0)	25-07531			(H) -36150 30-02	(\$30-025-375 5-23263	
Oil, Active	SWNE SENE (G) (H)	SWNW (E)	SENW (F)	SWNE SENE (G) (H)	L2	SENW \$30.025-0750	23-07492 SENE	30-025-36245	30-025-34907 SELW 30- 30-025-28944	025-35668 •30-025-07518 30-0	SENE		0756030-025-4164330-025-075 07563 30-025-0755230-025-289
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 Oil, Temporarily Abandoned 							30-025-07500	30-025-28943			025=26974	30-025-28411	30-025-447,21
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Salt Water Injection, New						W. Carlebada		ø		30-025	5-28266		30-025-28267
Salt Water Injection, Plugged	L2 L102 19	S 37E L4	L3 01	Laobbs L1	L4 /	0-025-07649 30025-07647	2 30-025-076371 30-02	5 ² 07636L 4	L 330-0250	762430-025-07614	L1		3 04 L2 4
Salt Water Injection, Temporarily Abandoned	And a	100		Club		200-050-5044E	o 30-025-07640	30-025-289 30-025-0	75 30-025-2897	25-0762730-025-07615	30-025-0	7616 30-025-28305	05 9 30-025-28306 • •
Water, Active	L2 L1	LA	LS	L2 L1	L4	L 3 3010	25-29458 30-025-28973				25-28978	30-025-35318	30-025-29892
Water, Cancelled		*		Hobbs		30-025-0764	8 30-025-07641 30-025- 30-025-07641 30-025 30-025-07648) 30-025-29455 25-44389 30-025-0764430-025-0	25-2951930-025-0	30 025 3585 7628 30.025 27	30-025-29751	30-025-2611	30-025-29753	10-025-29691
 Water, New. Water, Plugged 	SWNE SENE	SWNW	SENW	SWNE SENE	1.5	SENW SWM	4E 30-025-07639	30-025	-076310 030	0-025-29083 7630 SWN00-025-07620	30-025-0	7613 #30-025-29730 SWNW (E) 30-02	30-025-07610 SWNE SE
 Water, Flugged Water, Temporarily Abandoned 	(G) (H) 19S 37E 02	YE)	(F) 01	(G) (H)		S 38E (F) 30-025-29410 (G) 25-44389	(-E) Midwe	atsi (E)	(G) 6	(H)	(E) 30-02 30-025-2898130-02	-97597) 30-025-3142 -430994 30-025-28339.
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OCD Districts and Offices	NWSE NESE (J) (1)	(L)	ode # (K)	NWSE NESE (J) (I)	LG	(K) (J	30-025-44312	(E) 30-025-29460	(-K) 30-025-28	(J) 30-025-076 (J) 30-025-076	0-025-29082	25-43103 30-025-4	43099° 30-025-28339, 594 594 595 596 50-025-26623₅, № 50-025-26623₅, № 50-025-28343 30-025-28343 30-025-28344 30-025-2844 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854 30-025-2854
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	SWSE 02	SWSW (M)	SESW 01	SESE (P)	L7	SESW 06 30-00	25-44309 (P) 3	SWEW	SESW 0	02 30-025-20054	SESE	SWSW SI	12 30-025-0760830-025-31424 SW 04 SWSE SE 30-025-076 30-025-076
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PLSS Second Division	19S 37E NENE	1		NWNE	1000	195 38E	30	3	0:025:29522 30- 025-07654	025-07653 30-025-125	512 30-02	5-3995530=025=4310	6 30-025-43101 104 30-025-43100
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. 🗆	SWNE SENE (G) (H)	(E)	(F)	G (H)	L2	(F) (G		0SWNW {E}	(F)	(G)	(H)	(E)	(F) Communes of B

C-108 Application Occidental Permian Ltd. NORTH HOBBS G/SA UNIT #632 Lea County, NM

- I. This is a pressure maintenance project. The project qualifies for administrative approval.
- II. OCCIDENTAL PERMIAN Ltd.
 P.O. Cox 4294 Houston, TX 77210-4294
 Contact Party: Jose Gago, 832-646-4450
- III. Injection well data sheet and wellbore schematic has been attached for NORTH HOBBS G/SA UNIT #632.
- 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 #632" (API: 30-25-37214) 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.
- VII. The proposed operations data sheet is attached.
- VIII. The information was previously submitted as part of Order No. R-6199-F application
- IX. This is an existing injection well. No stimulation is planned at this point.
- X. Compensated Neutron log filed at the time of drilling.
- XI. Per our field personnel, no fresh water wells were found within 1 mile of this well.
- XII. N/A. This is not a disposal well.
- XIII. Section 3 of 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.

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Side 1

INJECTION WELL DATA SHEET

OPERATOR: OCCIDENTAL PERMIAN LTD

WELL NAME & NUMBER: NORTH HOBBS G/SA UNIT #632 WELL LOCATION: 2118' FSL, 1335' FEL 18S В 31 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP WELLBORE SCHEMATIC WELL CONSTRUCTION DATA

NORTH H0 2118' FSL 13			Surface Casing								
	80-025-372		Hole Size: <u>12.25</u> "		Casing Size: 8.625"						
			Cemented with: <u>850</u>	SX.	<i>or</i> ft ³						
			Top of Cement: Surface		Method Determined: <u>Circulated 192 sx</u>						
			Int	Intermediate Casing							
			Hole Size:		Casing Size:						
		12" hole, 8 5/8" 24# J55 casing	Cemented with:	SX.	<i>or</i> ft ³						
		Casing set at 1,503' Cmtd w/ 850 sxs. Circulated	Top of Cement:		Method Determined:						
	ш		<u>P.</u>	roduction	Casing						
			Hole Size: <u>7.875</u> "		Casing Size: 5.5"						
			Cemented with: <u>950</u>	SX.	<i>or</i> ft ³						
			Top of Cement: Surface		Method Determined: <u>Circulated 185 sx</u>						
			Total Depth: <u>4,451</u>								
Perfs 4,211' to 4,310'			<u>I</u>	njection Ir	Interval						
PB: 4,391'		7 7/8" hole, 5 1/2" 15.5# J55 casing	4,080	feet	to <u>4,500' (gross interval)</u> Perforated						
r 0. 4,001	TD: 4,451'	Casing set at 4,451 Cmtd w/ 900 sxs. Circulated	(Perforated or	(Perforated or Open Hole; indicate which)							

38E

RANGE

Side 2

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INJECTION WELL DATA SHEET

Tub	ing Size: 2.875" Lining Material: Duoline (fiberglass)										
Тур	e of Packer: <u>4-1/2" x 2-3/8 x 9.5-13.5# ARROW SET 1 - X Double Grip</u>										
Pac	ker Setting Depth: <u>4,084'</u>										
Oth	er Type of Tubing/Casing Seal (if applicable):										
	Additional Data										
1.	Is this a new well drilled for injection?Yes $\underline{\times}$ No										
	If no, for what purpose was the well originally drilled? Originally drilled as H2O injector, later converted to H2O/CO2, Propose to convert to H2O/CO2 and Produce Gas										
2.	Name of the Injection Formation: Grayburg/San Andres										
3.	Name of Field or Pool (if applicable): <u>Hobbs; Grayburg - San Andres</u>										
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										
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:										
	Glorieta @ +/- 5,300'										

<i>Received by OCD: 10/28/2020 2:55:51 PM</i> ★ NHSAU 632	(1)	NESE (1)	30-025-0548		025-05483 30-025- 30-025-43580 (J) 30-025-26832			001023-21130	W Jones La	601301025-37445	130-025-232 (L) 30-0	06 NESW 30- 5 30-025-2 25-07384	025-0737230-025 27214	30-025-073 -07381 130-025 -30-025-073	87 -0738630-025-0739 76	Page (K) 30-02 30-025-07394	
30-025-37214	30-3 SWSE (0)	025-05475 30- SESE (P)	025-05473	5-44826	24	30-025-43038 SESE 30-025-22421 30-4	12.0	025-44228	19 -12492swsp 0-025-07364	SEST	5W5WW Te 025-07366 \$30-025-0738	VIDE RAPPON	20 swst -025-12493 30	SESE	SWSW 07385 (M) 30- 30-025-0739	21 SESW 30- 025-22670 30-02	025-22600) (F)
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0.5 Mile Radius	(G)	(H) sene	SWNW	SENIV .	(G)	(H) 30-025-26933 5505	£ 12	30-025-26833 (F) 30-025-36297 30-025-1 510W	30-025-28555 30-025-28555 07465 30-0	1H) 30-025-27059 25-07488 SENT	(E) 30-025-28953	025-37213 30-025-128 30-025-2358	30-025-28 (G) 3 802 85 800 30-0	0-025-37475 025-23620re tent Dr	•30-025-28964 30-025- 51/000	(F) 30-025-074 30-025-074 51-07	20 20 20 20 20 20 20 20 20 20
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Oil and Gas Wells	367	NESE	/		025-05498	30-025 	0549230-025-074	481 30-025-22321	30-025-0747 30-025-28954 30-	-025-35727-0-025	30-025-28957 30-	025-07447 30-	-025-37250	30-025-3537630	District 1 Office -025-07458	30-025-28882	W Lemmé Dr. W Princi
 Wells - Large Scale Miscellaneous 	NWSE (J)	26 (1)	NWSW (L)		30-025-0549430-0	25-05500	0-025-0748630-0	25-37120 W 30-0	25-36216 30-025 36-30-025-22305	36281 30-025-0	28580 30-025-07 7471 NWSW 30- (30.025-07	45030.025-07440	30-025-34869	30-025-23049,ESE 30-	025-07 424 30-025	5-23277 30-0 5-	07423 00-025-0741
¥ CO2, Active		/		18S 37E		• 30-02	5-3710518S 38E	30-025-26935	30-025-28955	30-025-3	30-025-3 575630-025-3585	1871 230-025-26917	30-025-37349	30-025=37293	30-025-28885 30-0	25-07421	30-025-07412
CO2, Cancelled				30-	025-05501	30	025-05499 30	-025-07487	30-025-2196630-0	0 30-025-2700 25-24665	30-025-28958	30-025-	34870 30-025-2888	30-025-35673	FIELD .	30-025-2 P	9216 W Berry L
🔆 CO2, New	SWSE (0)	SEL	swsw (M)	SESW (N)	SWSE 30-	-025-05497	L 4 30-02	25-0748430:025-36	247 30-025-36286	30-025-36242	30-025-35527 30-025-23022	\$30-025-22	2934 30-025-	35384 30-025-074	30-025-3719	-23246 30-025-23	304
🔆 CO2, Plugged	191	1	1	1.44	1011	.30-1	25-05493 *30-025-0748	30-025-28886	30-025-12501	5 30-025 ² 28959 3235 30-02	30-025-074 30-025-35 5-07473	4830-025-0744130 67430-025-28413	0-025-07437/ 0-025-074	4530-025-3567230	-025-07444 \$30-025-1249	30-	025-12498 Jaughter 30-025-12489
🔆 CO2, Temporarily Abandoned	(0)	26 SESE (P)	(M)	(N) 30	0-025-05542 30-0	25-05541') 30	025-05539	(N) 30	W(Sarger St*	0000 (P 30+025-	0749030:025-0751	9 30-025-0752	30-025-35670	30-025-29017	00.025/05671	230-025	-07564 30-025-29199 30-025-34994 12752 30-025-07555 30-025-07555 25-44718 25-44719 30-025-27165
🔅 Gas, Active	NWNE	NENE	NWNW	NENW	NWNE	NENE	30-025-07512	NENW 30	30-025-07491	NEN 30-025-	0 30-025-3560 07494 _{1VM2} 30-025-0	07528 30-025-3	30-025-302	63 **	30-025-125 025-2320 Jow 30	05 30-025-29026 025-1250830-025-	30-025-34994 12752 30-025-07555 30-025-07555
🔅 Gas, Cancelled	(B)	(A)	(D)	(C)	(B)	(A)	LI	(C)	830-025-0	7496 (A30.025-	30-025-22	2730-025-35657	30-025-0751530-0	25-35304 30-02	5-34964 (D)	30-025-3464330-0	25-44718 (A)
🌣 Gas, New						025-05540		-	30-025-37428 3 025-07505	30-025	-07498 30-025-075	26 30-025-0752	30-025-12	30-025-26973 30-025-35726 2506	30-025-29074	30-025-26975 4906	30-025-27169 W Carrow St
🌣 Gas, Plugged	18S 37E	35	PHARM	SENW 3	1	• 30-1	18S 38E ³	0-025-07513 30			30-025-2300	7 30-025-27140	17529	30-025-36150	30-025- 30-025-	37577	Park 30.025.0754
🔅 Gas, Temporarily Abandoned	(G)	SENE (H)	(E)	(F)	SWNE (G)	SENE (H)	L2 \$	(F 30-025-	0750430-025-07492	2 (Å) 10:025-30204	30-025-36245	30-025-34907	0-025-35668	(H30-025	-23130 20-025-0755930	0-025-0756030-025	4 30-025-0754 -41643 30-025-34416 25-0755230-025-2895
D Injection, Active		(11)			101							30-025-28944	•30-025-075	518 30-025-29198	*30	025-07563 30-0	25-0755230-025-2895 30-025-34373
, Injection, Cancelled	NWSE	NESE	NWSW	NESW	NWSE	NESE	25-22753 30-	25-07509 30-025-	0750730-025-0749	30-025-37214 30-	025-12758 30-025-075	27 NESW	5-07521 30-025-07 30-025-23309	7538 30-025 930-025-34374	-07537 30-025-0754	14 30-025-07545 23195 MESW	30-025-34373 10-025-28410 30-025-35758 NESE (30-025-7548 07551 NWSE NESE
Dirigection, New	(1)	(1)	(L)	(K)	(1)	(1)	L3	(K)	(1)30-025	(b) 30-025-0	23045 (b) 7501 (b)	30-025-35385	(3)	(Lis 025	07542 ()	30-025-43282	07551 (30-025-0754)
, Injection, Plugged	NWSE	NESE 2	NWSW (L)	NESW (K)	NWSE (J)	NESE (1)	L3	NESW	NWSE (J)	30-025-07500	NINSTN	30-025-27139 3 (K) 025-07534 30-	\$30:025-291	73 30-025-26974	30-025-2841	30-025-26834	21 (J) (I) 20
, 🧭 Injection, Temporarily Abandoned	185 376	and the	1-1-1		W Dunnam St		3	0-005-01510	025-07508 30-0	25-07502	30-025-2884	025-07534 30-	-025-07533	3	0-025-3553430-025	-3499330-025-447	20
Oil, Active	SWSE (0)	35 EN EN	8WSW 30-02	5-12803WV 2 3 (N) 3		SESE O (P)	185 38E L 4	DESW -	31 swise	SESE 30-0	25-12502	30-025-28265	3230-025-354523	0-025-2990630-025	-07536 -025-025-0	07543 30-025-	07547
Oil, Cancelled		(P)		1 1 2	(0)	0			(0)	\$ 30-025	3/	30-02	5-07524 (0)	30-025-28266	8	1	30-025-28267
Oil, New Oil Rivered		Lea County		VI-Caribuau	Hobbs Country	1103 100	30	-025-07649	\$0-025-0763730- 025-07647	-025-07640 30-02	5-07636	30-025-	-07624 30-025-076	514	10.111	100	tive Marriand Blad
 Oil, Plugged Oil, Temporarily Abandoned 	L2	Arport L 1	L4	L3	Club L 2	LI	L 4 30-	-025-27622 30-025	29442 1 2	-11	0762530-025-289	75 30- 07626 20 025*280	-025-0762730-02	5-07615 30-025-076 30-025-29752	1630-025-2830530- 	025-28306 30-025-07605	12768 30-025-07629 07604 101025-3048
Salt Water Injection, Active	195 37E			0				38E	30-025-29458	30-025-28973	0-025-28974	30-025-26115	oc 30-025-28	30-025-28978	30-025-35	318	0-025-29892
△ Salt Water Injection, Cancelled			2	-	Hobbs			30			Sec. Brite	30-025-158	30-025-29751				
△ Salt Water Injection, New	SWNE (G)	SENE (H)	SWWW (E)	SEAW (F)	SWNPountry (G) ^{Club}	SENE (H)	L.5	SENW D (F)	(G) 30-	025-07641 30- SEN(30-025- 025-07639	(E)30-025	-076317 FT	30-025-29083	SENE (H) 30-02	5-07613 (E)	9730 SENW (F)30-025	-07610 (90-025-2833)
△ Salt Water Injection, Plugged	SWNE	SENE	SWNW	SENW	SWNE	SENE	1.0	SENW	\$30,025-44389	30-025-29459	AW Midwe	artine .	TIAN IN				
A Salt Water Injection, Temporarily Abandoned	(G)	(H) 100	(E)	(F)	(G)	(H)	L5		2941030-025-44389	(H)	0-025-26118 764230-025-44611	30-025-28980	30-025-44612	30-025-20933	30-025-28981 30 30-025-07597 30-025-4259330-02 	•(F) •	30-025-28339. (H) 30-025-28340
Water, Active		A	hoo		NWSE	NESE		30-025-0764630-	025-28197	30	-025-2952030-025	-07634 30-025	5-07623 30-02	25-07.621 B.B.S (3)	30-025-4259330-02 -025-42595, 30-03 -025-34946 30 -025-43103 30-0 12 30-025-4309 30-025-28	-025-43096	-025-31423
Water, Cancelled	(J)	(1)	(L) 2645	n (K)	(1)	(1)	L 6	(K)		30-025-44312	(E) 30-925-29460	(-K) 30-025-2	(J) 28982	30-025-290	2 30.025.4309	25-43102 (K) (K) 2930-025-28343	0-025-26980 (1) 30-025-28344
Water, New		02		9S 37E					3618 #		1	P 38E	05	,ø		983 30-925-314	²⁹ 30-025-31430
Water, Plugged		13							OBBS OIL FIE	2	20	0-025-07632 38E30	0.052-01022 -30	-U20-24441 0	30-025-28984	-07612 30-025-07	30-025-28345
Water, Temporarily Abandoned	SWSE (0)	SESE (P)	SWSW (M)	SESW (N)	SWSE (0)	SESE (P)	L 7	SESW (N)	SWSE 30-025-44309	SESE (P)	SWSW (M) 10-025-2941130-02	SESW (N) 5-2941230-025-42	SWSE (0) 2592 30-025-290	54 30-025-289	SWSW	SESW (N)	(-0) (P) 30-025-0761
? undefined									•								12
OCD Districts and Offices	NWNE (B)	11 (A)	NWNW (D)	NENW 12	2 (B)	NENE (A)	L1	NENW (C)	NWNE (B)	NENE 305	025-07650 _{IW} 30- (D)	30:025:29522 025-07654v (C)	0-025-07653IE 30 08 (B) 30-025-309	0-025-12512NE	025-3995530:025-	43106 30-025-4 5-43104 30-025-4 (C)	43100 NWNE NENE (B) (Å)
	NWNE	NENE	NWNW	NENW	NWNE	NENE		NENW	NWNE	NENE	NWNW	NENW		0-025-31933VE	30,025-0765	30-025-0766230-0	1
OCD District Offices	(B)	(A)	(D)	(C)	(B)	(A)	L1	(C)	(B)	(A)	(D)	(C)	(B)	(A)	(D)	•30-025-28356	(130-025-2835) 30-025-28357
	77					1						30-	-025-07655 30	0-025 12513 •30-025-076	30	0-025-07670 30-0	30-023-23410
Public Land Survey System	SWNE (G)	SENE (H)	SWNW (E)	SENW (F)	SWNE (G)	SENE	L 2	SENW (F)	SWNE (G)	SENE (H)	SWNW (E)	SENW (F)	SWNE (G)	SENE (H)	SWNW (E)	SENW (F) 30-025,2836	30-025-0767 SWOVE SENE (-G) (H)
PLSS Second Division	195 37E	11		12	2		19S 38E	0	07				OR			30-025,2836	30-025-28363
72								-			-				025-0765130-025-	07000	25-0766430-025-28364
PLSS First Division	NWSE (J)	NESE (1)	NWSW (L)	NESW (K)	NWSE (J)	NESE (1)	L3	NESW (K)	NWSE (J)	NESE (1)	NWSW (L)	NESW (K)	Oil Conservation Div	ision of theitata Mex	co Energini Menerals ar P Corp. GERCID USGS	A Natural Resources	Department Sources (19)
										1	5	P	Ordnance Survey	Eşri Japan, METI, Esri	China (Hong Kong), (c)) OpenStreetMap con	coBase, (சே)Kadavter(Ni) inbutors, anலாஜ்தா4434 Community, இடு, BLM