

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Occidental Permian LTD P.O. Box 4294 Houston, TX 77210		² OGRID Number 157984
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 0 25 - 42485	⁵ Pool Name Hobbs; Grayburg - San Andres	⁶ Pool Code 31920
⁷ Property Code 19520	⁸ Property Name North Hobbs G/SA Unit	⁹ Well Number 955

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	18	18-S	38-E		828	S	2274	E	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	18	18-S	38-E		2412	S	2082	E	Lea
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
034019	Conoco Phillips Pipeline P.O. Box 791 Midland, TX 79701	0
	Produced gas is reinjected as a part of the North Hobbs Unit CO2 flood	

IV. Well Completion Data

²¹ Spud Date 07/04/2015	²² Ready Date 08/05/2015	²³ TD 5010	²⁴ PBDT 4935	²⁵ Perforations 4498-4920	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4	9 5/8	1600	630		
8 3/4	7	5000/4121	250/610		
	2 7/8	4376			

V. Well Test Data

³¹ Date New Oil 08/19/2015	³² Gas Delivery Date N/A	³³ Test Date 08/05/2015	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure N/A	³⁶ Csg. Pressure 250
³⁷ Choke Size N/A	³⁸ Oil 254	³⁹ Water 430	⁴⁰ Gas 4189		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
April Hood

Title:
Regulatory Coordinator

E-mail Address:
april_hood@oxy.com

Date:
10/20/2015

Phone:
713-366-5771

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

E-PERMITTING - - New Well _____
Comp KE P&A _____ TA _____
CSNG KE Loc Chng _____
ReComp _____ Add New Well _____
Cancl Well _____ Create Pool _____

DEC 11 2015

HOBBS OCD

OCT 21 2015

RECEIVED

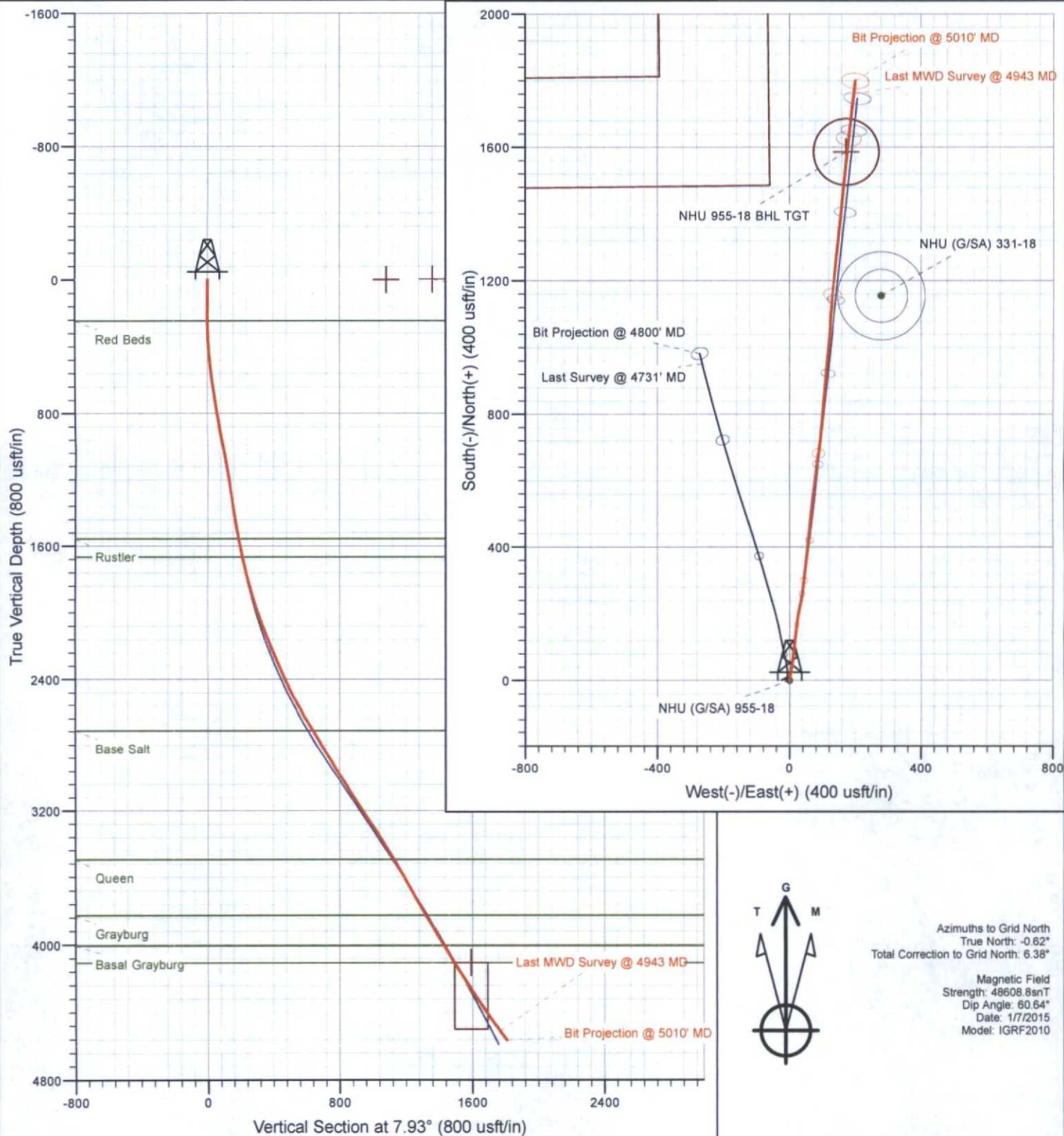


Project: HOBBS, NORTH
Site: NORTH HOBBS GRAYBURG-SA UNIT
Well: NHU (G/SA) 955-18
Wellbore: ST00
Design: Final
Rig: H&P 340

HOBBS OCD

OCT 21 2015

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Survey Report

Company:	OXY USA PERMIAN EOR	Local Co-ordinate Reference:	Well NHU (G/SA) 955-18
Project:	HOBBS, NORTH	TVD Reference:	DFE @ 3675.9usft
Site:	NORTH HOBBS GRAYBURG-SA UNIT	MD Reference:	DFE @ 3675.9usft
Well:	NHU (G/SA) 955-18	North Reference:	Grid
Wellbore:	ST00	Survey Calculation Method:	Minimum Curvature
Design:	Final	Database:	USA EDM 5000 Multi Users DB

Project	HOBBS, NORTH, North America, North West Hobbs, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		Using geodetic scale factor

Site		NORTH HOBBS GRAYBURG-SA UNIT			
Site Position:		Northing:	635,270.89 usft	Latitude:	32° 44' 28.21 N
From:	Map	Easting:	853,897.68 usft	Longitude:	103° 10' 56.59 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.62 °

Well	NHU (G/SA) 955-18					
Well Position	+N/-S	0.0 usft	Northing:	635,699.45 usft	Latitude:	32° 44' 32.58 N
	+E/-W	0.0 usft	Easting:	852,720.19 usft	Longitude:	103° 11' 10.32 W
Position Uncertainty	1.0 usft	Wellhead Elevation:	3,659.4 usft	Ground Level:	3,659.4 usft	

Wellbore	ST00				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/7/2015	7.00	60.64	48,609

Design	Final			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	7.93

Survey Program		Date	7/8/2015	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
116.0	5,010.0	survey (ST00)	MWD+HDGM+AX+SAG_B0(	OWSG MWD + HDGM + Axial Corr + Sag Correction

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
116.0	0.30	342.60	116.0	0.3	-0.1	0.3	0.26	0.26	
239.0	0.30	308.70	239.0	0.8	-0.4	0.7	0.14	0.00	
329.0	2.20	11.90	329.0	2.6	-0.3	2.6	2.31	2.11	
420.0	5.00	15.70	419.8	8.2	1.2	8.2	3.09	3.08	
539.0	7.40	10.50	538.1	20.7	4.0	21.0	2.07	2.02	
629.0	7.70	9.30	627.3	32.3	6.0	32.9	0.38	0.33	
719.0	9.10	7.80	716.3	45.3	7.9	46.0	1.57	1.56	
809.0	9.10	8.80	805.2	59.4	10.0	60.2	0.18	0.00	
899.0	10.30	6.90	893.9	74.5	12.0	75.4	1.38	1.33	
988.0	10.60	6.50	981.4	90.5	13.9	91.5	0.35	0.34	
1,078.0	10.00	6.30	1,070.0	106.5	15.7	107.6	0.67	-0.67	
1,168.0	10.00	7.00	1,158.6	122.0	17.5	123.3	0.14	0.00	

Survey Report

Company: OXY USA PERMIAN EOR
Project: HOBBS, NORTH
Site: NORTH HOBBS GRAYBURG-SA UNIT
Well: NHU (G/SA) 955-18
Wellbore: ST00
Design: Final

Local Co-ordinate Reference: Well NHU (G/SA) 955-18
TVD Reference: DFE @ 3675.9usft
MD Reference: DFE @ 3675.9usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
1,258.0	9.60	5.00	1,247.3	137.2	19.1	138.6	0.58	-0.44	
1,349.0	9.50	6.10	1,337.0	152.3	20.6	153.6	0.23	-0.11	
1,439.0	8.90	6.40	1,425.9	166.6	22.2	168.0	0.67	-0.67	
1,529.0	10.90	10.30	1,514.5	181.9	24.5	183.5	2.34	2.22	
1,600.0	11.40	10.60	1,584.2	195.4	27.0	197.2	0.71	0.70	
1,655.0	11.90	11.90	1,638.1	206.2	29.1	208.3	1.03	0.91	
1,835.0	15.20	9.70	1,813.0	247.7	36.9	250.4	1.86	1.83	
2,014.0	18.90	6.70	1,984.1	299.6	44.3	302.9	2.12	2.07	
2,194.0	22.10	6.00	2,152.7	362.3	51.2	365.9	1.78	1.78	
2,374.0	23.10	6.30	2,318.9	431.0	58.6	435.0	0.56	0.56	
2,554.0	26.40	6.00	2,482.3	506.0	66.7	510.3	1.83	1.83	
2,734.0	30.20	7.70	2,640.8	590.6	76.9	595.6	2.16	2.11	
2,914.0	31.70	7.70	2,795.2	682.4	89.3	688.2	0.83	0.83	
3,094.0	31.30	4.30	2,948.7	775.9	99.2	782.1	1.01	-0.22	
3,274.0	32.30	5.00	3,101.6	870.4	106.9	876.8	0.59	0.56	
3,454.0	33.70	5.60	3,252.6	968.0	115.9	974.8	0.80	0.78	
3,634.0	32.00	3.90	3,403.8	1,065.3	124.1	1,072.2	1.07	-0.94	
3,814.0	30.20	5.70	3,557.9	1,158.0	131.8	1,165.1	1.13	-1.00	
3,994.0	29.90	6.40	3,713.7	1,247.6	141.3	1,255.2	0.26	-0.17	
4,174.0	31.60	5.80	3,868.4	1,339.1	151.1	1,347.1	0.96	0.94	
4,354.0	31.70	5.90	4,021.7	1,433.1	160.7	1,441.5	0.06	0.06	
4,534.0	32.30	6.00	4,174.3	1,527.9	170.6	1,536.8	0.33	0.33	
4,713.0	34.60	6.40	4,323.6	1,626.0	181.3	1,635.5	1.29	1.28	
4,893.0	36.10	6.70	4,470.5	1,729.5	193.1	1,739.6	0.84	0.83	
4,943.0	36.80	6.80	4,510.7	1,759.0	196.6	1,769.3	1.41	1.40	Last MWD Survey @ 4943 MD
5,010.0	36.80	6.80	4,564.3	1,798.8	201.4	1,809.4	0.00	0.00	Bit Projection @ 5010' MD