

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104

Revised August 1, 2011

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

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 OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date: RT - 09/12/2022
⁴ API Number 30 - 025-48168	⁵ Pool Name Bilbrey Basin; Bone Spring	⁶ Pool Code 5695
⁷ Property Code: 332928	⁸ Property Name: DR PI FEDERAL UNIT 18-7 IPP	⁹ Well Number: 313H

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	22S	32E		170	SOUTH	1395	EAST	LEA

¹¹ Bottom Hole Location

FTP- 198' FSL 492' FEL LTP- 206' FNL 468' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	22S	32E		54	NORTH	451	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: TBD		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
237722	CENTURION PIPELINE L.P.	O
248749	DCP MIDSTREAM, LP	G

IV. Well Completion Data

²¹ Spud Date 02/04/22	²² Ready Date 09/12/2022	²³ TD 22298'M 11726'V	²⁴ PBTD 22253'M 11725'V	²⁵ Perforations 11959-22145'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17-1/2"	13-3/8"	935'		1140	
9-7/8"	7-5/8"	11104'		1732	
6-3/4"	5-1/2"	22278'		869	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

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: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.comDate:
09/11/2022Phone:
432-685-5036

OIL CONSERVATION DIVISION

Approved by: John

Title: Engineer

Approval Date:

RT Expires 90 days from ready date

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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

Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-48168	² Pool Code 5695	³ Pool Name BILBREY BASIN; BONE SPRING
⁴ Property Code 332928	Property Name DR PI FEDERAL UNIT 18-7 IPP	⁶ Well Number 313H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3665'

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	22S	32E		170	SOUTH	1395	EAST	LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	22S	32E		54	NORTH	451	EAST	LEA
¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 733872.79' / Y: 504101.65' B - X: 733836.70' / Y: 509384.11' C - X: 733799.09' / Y: 514660.52' D - X: 735118.90' / Y: 514673.22' E - X: 735137.95' / Y: 512036.21' F - X: 735157.00' / Y: 509399.20' G - X: 735175.20' / Y: 506758.05' H - X: 735193.40' / Y: 504116.89' CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 692690.39' / Y: 504041.22' B - X: 692654.45' / Y: 509323.54' C - X: 692616.99' / Y: 541599.81' D - X: 693936.79' / Y: 514612.51' E - X: 693955.77' / Y: 511975.57' F - X: 693974.74' / Y: 509338.63' G - X: 693992.87' / Y: 506697.55' H - X: 694010.99' / Y: 504056.48' BOTTOM HOLE LOCATION 54' FNL 451' FEL, SECTION 7 22298' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 734668.16' / Y: 514614.55' LAT: 32.41318507N / LON: 103.70684160W NAD 27, SPCS NM EAST X: 693486.05' / Y: 514553.84' LAT: 32.41306244N / LON: 103.70635243W LAST TAKE POINT 206' FNL 468' FEL, SECTION 7 22145' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 734652.54' / Y: 514462.37' LAT: 32.41276703N / LON: 103.70689510W NAD 27, SPCS NM EAST X: 693470.43' / Y: 514401.66' LAT: 32.41264439N / LON: 103.70640594W FIRST TAKE POINT 198' FSL 492' FEL, SECTION 18 11959' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 734699.95' / Y: 504309.63' LAT: 32.38485977N / LON: 103.70693421W NAD 27, SPCS NM EAST X: 693517.55' / Y: 504249.20' LAT: 32.38473701N / LON: 103.70644613W KICK OFF POINT 108' FNL 876' FEL, SECTION 19 11210' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 734318.45' / Y: 503998.78' LAT: 32.38401148N / LON: 103.70817589W NAD 27, SPCS NM EAST X: 693136.04' / Y: 503938.36' LAT: 32.38388872N / LON: 103.70768781W SURFACE HOLE LOCATION 170' FSL 1395' FEL, SECTION 18 NAD 83, SPCS NM EAST X: 733797.25' / Y: 504270.88' LAT: 32.38476776N / LON: 103.70985909W NAD 27, SPCS NM EAST X: 692614.85' / Y: 504210.45' LAT: 32.38464501N / LON: 103.70937093W	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract 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. Signature: Date: 09/11/22 Printed Name: JANA MENDIOLA E-mail Address: janalyn_mendiola@oxy.com ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R Squared Global. SEPTEMBER 8, 2022 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number: DAVID W. MYERS
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Distances/areas relative to NAD 83 Combined Scale Factor: 0.999776382 Convergence Angle: 00°20'34.08"



**Magnetic Field
Strength: 47840.8nT
Dip Angle: 60.15°
Date: 6/24/2022
Model: IFR**

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSet	Target	Annotation
1	10991.00	7.38	111.47	10943.57	-264.74	493.44	0.00	0.000	-222.01		Plan Tie In
2	11204.00	7.38	111.47	11154.80	-274.76	518.91	0.00	0.000	-229.84		KOP, Begin 11.05°/100' Build & Turn
3	11515.18	39.00	64.00	11438.58	-238.04	628.83	11.05	-55.222	-183.95		Begin 11.05°/100' Build & Turn
4	11786.11	65.19	45.12	11604.50	-111.01	796.41	11.05	-36.057	-43.18		Begin 11.05°/100' Build & Turn
5	12243.08	89.95	359.60	11707.32	290.95	951.98	11.05	-67.658	369.66		LP, Hold 89.95° Inc at 359.60° Azm
6	22330.73	89.95	359.60	11716.09	10377.49	881.82	0.00	0.000	10414.89	BHL v2 - Dr Pi Fed Unit 18 7 IPP 313H	TD at 22330.73

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone

Local Origin: Well Dr Pi Fed Unit 18_7 IPP 313H, Grid North

Latitude: 32° 23' 5.163931 N
Longitude: 103° 42' 35.492708 W

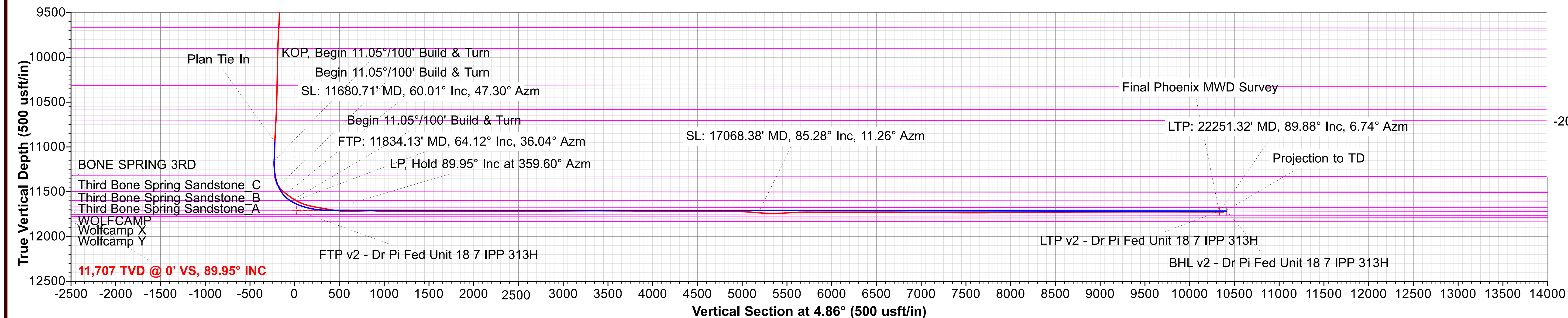
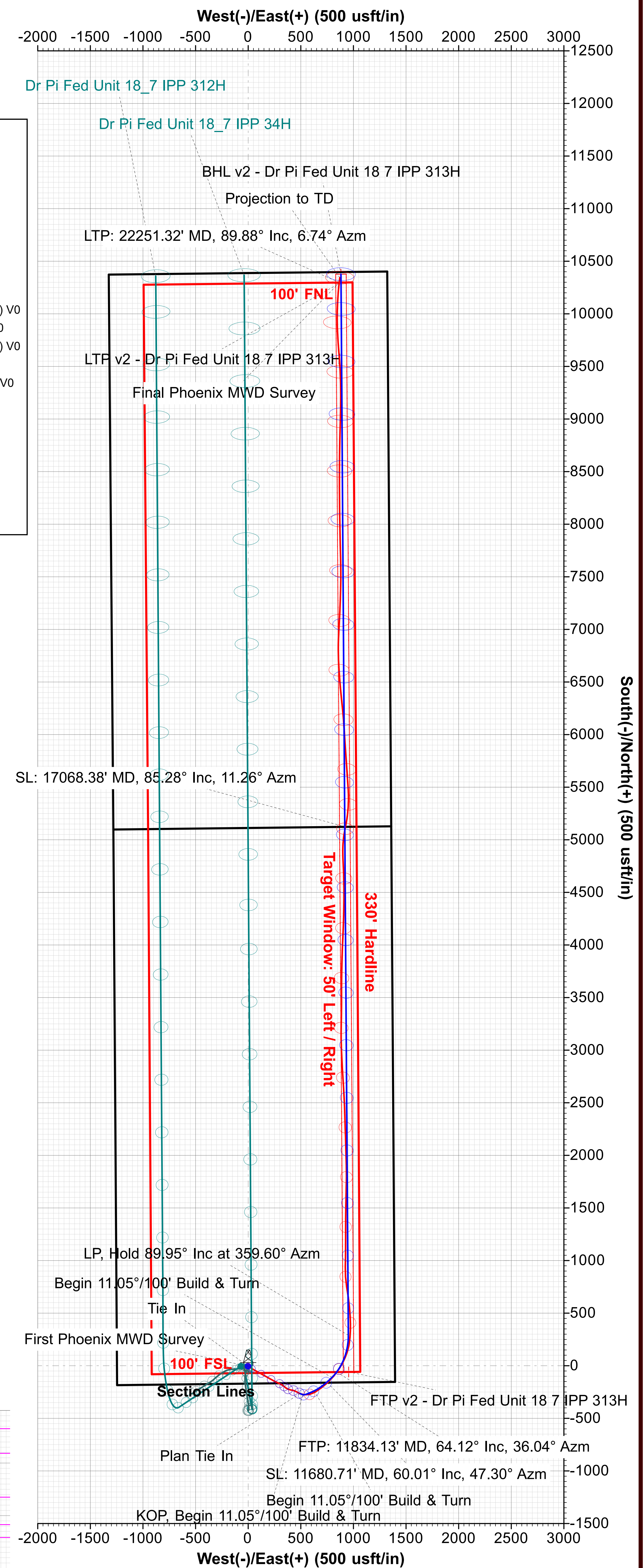
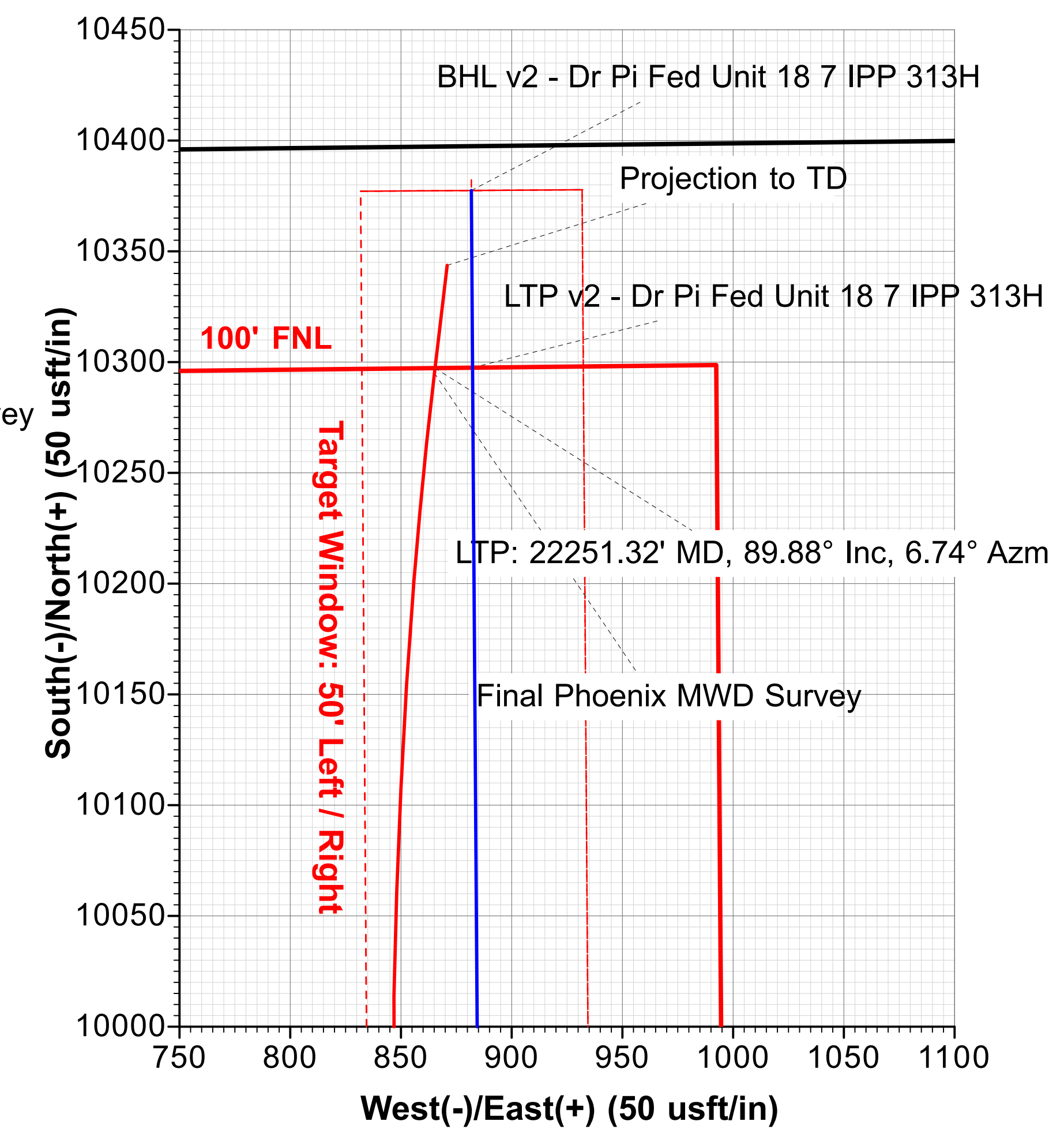
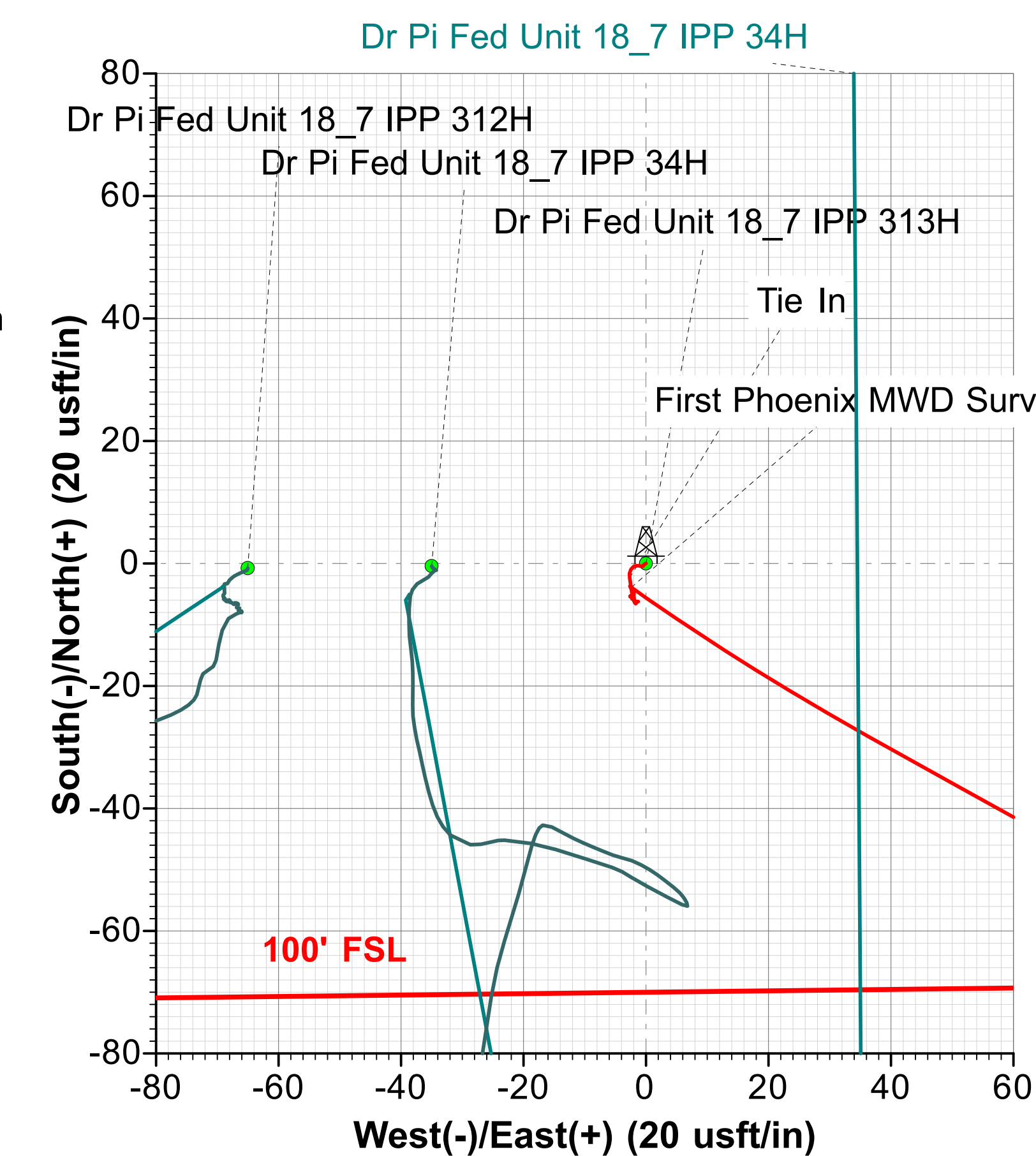
Grid East: 733797.25
Grid North: 504270.88
Scale Factor: 1.000

Geomagnetic Model: IFR
Sample Date: 24-Jun-22
Magnetic Declination: 6.718°
Dip Angle from Horizontal: 60.146°
Magnetic Field Strength: 47840.80000000NT

To convert a Magnetic Direction to a Grid Direction, Add 6.384°
To convert a Magnetic Direction to a True Direction, Add 6.718° East
To convert a True Direction to a Grid Direction, Subtract 0.334°

LEGEND

—	Dr Pi Fed Unit 18_7_IPP 312H, OH / 69895, Surveys (H&P 466) V0
—	Dr Pi Fed Unit 18_7_IPP 312H, OH / 69895, Plan 1 05-25-22 V0
—	Dr Pi Fed Unit 18_7_IPP 313H, OH / 69897, Surveys (H&P 466) V0
—	Dr Pi Fed Unit 18_7_IPP 34H, OH / 69896, Plan 2 06-01-22 V0
—	Dr Pi Fed Unit 18_7_IPP 34H, OH / 69896, Surveys (H&P 466) V0
—	Plan 2 06-28-22





OXY USA INC.

Lea County, NM (NAD83-NME)

Dr Pi Fed Unit 18 7 IPP

Dr Pi Fed Unit 18_7 IPP 313H

OH / 69897

Design: Surveys (H&P 466)

Standard Survey Report

11 July, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Project	Lea County, NM (NAD83-NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Dr Pi Fed Unit 18 7 IPP		
Site Position:		Northing:	504,270.47 usft
From:	Map	Easting:	733,762.25 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 23' 5.161892 N
		Longitude:	103° 42' 35.900893 W
		Grid Convergence:	0.334 °

Well	Dr Pi Fed Unit 18_7 IPP 313H		
Well Position	+N/-S	0.00 usft	Northing: 504,270.88 usft
	+E/-W	0.00 usft	Easting: 733,797.25 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 23' 5.163931 N
		Longitude:	103° 42' 35.492708 W
		Ground Level:	3,664.50 usft

Wellbore	OH / 69897				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	6/24/2022	6.718	60.146	47,840.80000000

Design	Surveys (H&P 466)			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	4.86

Survey Program	Date 7/11/2022	
From (usft)	To (usft)	Survey (Wellbore)
25.00	934.64	Gyrodata Gyro Surveys (OH / 69897)
1,071.00	22,298.00	Phoenix MWD Surveys - SQC R4 (OH / 69897)
		SQC_C705a_MWD+IFR1 OWSG MWD + IFR1 + Sag + FDIR Correction

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00
105.80	0.07	252.37	105.80	-0.01	-0.05	-0.02	0.09	0.09	0.00
197.07	0.14	239.69	197.07	-0.09	-0.20	-0.10	0.08	0.08	-13.89
287.62	0.10	207.61	287.62	-0.21	-0.33	-0.24	0.08	-0.04	-35.43
381.90	0.17	215.60	381.90	-0.40	-0.45	-0.44	0.08	0.07	8.47
476.03	0.19	285.91	476.03	-0.47	-0.68	-0.53	0.22	0.02	74.69
570.30	0.47	280.25	570.30	-0.36	-1.21	-0.46	0.30	0.30	-6.00
664.65	0.44	247.15	664.64	-0.43	-1.92	-0.59	0.28	-0.03	-35.08
758.98	0.50	205.82	758.97	-0.94	-2.44	-1.15	0.36	0.06	-43.81



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
853.53	0.42	191.44	853.52	-1.65	-2.69	-1.88	0.15	-0.08	-15.21
934.64	0.58	165.48	934.63	-2.34	-2.64	-2.56	0.34	0.20	-32.01
Tie In									
1,071.00	0.78	176.09	1,070.98	-3.94	-2.41	-4.13	0.17	0.15	7.78
First Phoenix MWD Survey									
1,165.00	0.34	163.36	1,164.97	-4.84	-2.28	-5.02	0.48	-0.47	-13.54
1,259.00	0.07	176.32	1,258.97	-5.17	-2.20	-5.33	0.29	-0.29	13.79
1,354.00	0.08	313.50	1,353.97	-5.18	-2.24	-5.35	0.15	0.01	144.40
1,448.00	0.09	229.68	1,447.97	-5.18	-2.35	-5.36	0.12	0.01	-89.17
1,543.00	0.07	191.85	1,542.97	-5.29	-2.42	-5.47	0.06	-0.02	-39.82
1,637.00	0.07	144.00	1,636.97	-5.39	-2.39	-5.57	0.06	0.00	-50.90
1,732.00	0.05	331.65	1,731.97	-5.40	-2.38	-5.58	0.13	-0.02	-181.42
1,827.00	0.06	349.00	1,826.97	-5.31	-2.41	-5.50	0.02	0.01	18.26
1,921.00	0.06	249.49	1,920.97	-5.28	-2.46	-5.47	0.10	0.00	-105.86
2,016.00	0.07	238.55	2,015.97	-5.33	-2.56	-5.53	0.02	0.01	-11.52
2,111.00	0.08	108.01	2,110.97	-5.38	-2.55	-5.58	0.14	0.01	-137.41
2,205.00	0.05	287.74	2,204.97	-5.39	-2.52	-5.58	0.14	-0.03	191.20
2,300.00	0.05	41.41	2,299.97	-5.35	-2.54	-5.54	0.09	0.00	119.65
2,395.00	0.07	255.49	2,394.97	-5.33	-2.56	-5.53	0.12	0.02	-153.60
2,490.00	0.07	120.62	2,489.97	-5.37	-2.57	-5.57	0.14	0.00	-141.97
2,584.00	0.05	285.99	2,583.97	-5.39	-2.56	-5.59	0.13	-0.02	175.93
2,679.00	0.06	61.55	2,678.97	-5.36	-2.56	-5.55	0.11	0.01	142.69
2,774.00	0.07	140.18	2,773.97	-5.38	-2.48	-5.57	0.09	0.01	82.77
2,868.00	0.08	105.18	2,867.97	-5.44	-2.38	-5.62	0.05	0.01	-37.23
2,963.00	0.09	175.63	2,962.97	-5.53	-2.31	-5.71	0.10	0.01	74.16
3,058.00	0.07	184.57	3,057.97	-5.66	-2.31	-5.84	0.02	-0.02	9.41
3,153.00	0.08	134.92	3,152.97	-5.77	-2.26	-5.94	0.07	0.01	-52.26
3,247.00	0.07	81.49	3,246.97	-5.80	-2.16	-5.97	0.07	-0.01	-56.84
3,342.00	0.05	36.27	3,341.97	-5.76	-2.08	-5.92	0.05	-0.02	-47.60
3,437.00	0.08	213.10	3,436.97	-5.79	-2.09	-5.94	0.14	0.03	186.14
3,531.00	0.11	122.67	3,530.97	-5.89	-2.05	-6.04	0.15	0.03	-96.20
3,721.00	0.10	144.01	3,720.97	-6.12	-1.80	-6.25	0.02	-0.01	11.23
3,815.00	0.04	20.64	3,814.97	-6.16	-1.74	-6.28	0.13	-0.06	-131.24
3,910.00	0.06	283.54	3,909.97	-6.11	-1.78	-6.24	0.08	0.02	-102.21
4,004.00	0.15	109.06	4,003.97	-6.14	-1.71	-6.27	0.22	0.10	-185.62
4,099.00	0.10	157.79	4,098.97	-6.26	-1.56	-6.37	0.12	-0.05	51.29
4,194.00	0.07	38.49	4,193.97	-6.29	-1.49	-6.40	0.16	-0.03	-125.58
4,288.00	0.11	83.07	4,287.97	-6.24	-1.36	-6.33	0.08	0.04	47.43
4,383.00	0.03	39.44	4,382.97	-6.21	-1.26	-6.29	0.10	-0.08	-45.93
4,477.00	0.14	262.85	4,476.97	-6.20	-1.36	-6.29	0.17	0.12	-145.31
4,572.00	0.10	274.16	4,571.97	-6.21	-1.55	-6.32	0.05	-0.04	11.91
4,667.00	0.07	205.40	4,666.97	-6.26	-1.66	-6.37	0.10	-0.03	-72.38
4,762.00	0.10	237.68	4,761.97	-6.35	-1.76	-6.48	0.06	0.03	33.98

Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,856.00	0.06	133.84	4,855.97	-6.43	-1.79	-6.56	0.14	-0.04	-110.47
4,951.00	0.05	154.63	4,950.97	-6.50	-1.74	-6.63	0.02	-0.01	21.88
5,045.00	0.06	110.02	5,044.97	-6.56	-1.67	-6.67	0.05	0.01	-47.46
5,140.00	0.07	17.99	5,139.97	-6.52	-1.61	-6.63	0.10	0.01	-96.87
5,235.00	0.02	187.09	5,234.97	-6.48	-1.59	-6.59	0.09	-0.05	178.00
5,329.00	0.07	289.80	5,328.97	-6.48	-1.65	-6.59	0.08	0.05	109.27
5,424.00	0.06	20.49	5,423.97	-6.41	-1.69	-6.53	0.10	-0.01	95.46
5,519.00	0.07	260.18	5,518.97	-6.37	-1.73	-6.50	0.12	0.01	-126.64
5,613.00	0.10	324.13	5,612.97	-6.32	-1.83	-6.45	0.10	0.03	68.03
5,708.00	0.07	30.43	5,707.97	-6.20	-1.85	-6.33	0.10	-0.03	69.79
5,803.00	0.06	201.79	5,802.97	-6.20	-1.84	-6.33	0.14	-0.01	180.38
5,897.00	0.08	298.95	5,896.97	-6.21	-1.91	-6.35	0.11	0.02	103.36
5,992.00	0.06	41.88	5,991.97	-6.14	-1.94	-6.28	0.12	-0.02	108.35
6,087.00	0.07	10.05	6,086.97	-6.05	-1.90	-6.19	0.04	0.01	-33.51
6,182.00	0.24	353.69	6,181.97	-5.79	-1.91	-5.93	0.18	0.18	-17.22
6,277.00	0.13	350.63	6,276.97	-5.49	-1.95	-5.63	0.12	-0.12	-3.22
6,372.00	0.25	1.24	6,371.97	-5.17	-1.96	-5.32	0.13	0.13	11.17
6,466.00	0.14	5.65	6,465.97	-4.85	-1.94	-5.00	0.12	-0.12	4.69
6,561.00	0.19	325.71	6,560.97	-4.61	-2.02	-4.76	0.13	0.05	-42.04
6,656.00	0.16	325.41	6,655.96	-4.37	-2.19	-4.54	0.03	-0.03	-0.32
6,750.00	0.16	319.49	6,749.96	-4.16	-2.35	-4.35	0.02	0.00	-6.30
6,845.00	0.13	335.96	6,844.96	-3.96	-2.48	-4.16	0.05	-0.03	17.34
6,940.00	0.09	334.82	6,939.96	-3.80	-2.55	-4.00	0.04	-0.04	-1.20
7,034.00	0.05	321.66	7,033.96	-3.70	-2.61	-3.90	0.05	-0.04	-14.00
7,129.00	0.70	129.84	7,128.96	-4.04	-2.19	-4.21	0.79	0.68	177.03
7,224.00	2.66	124.58	7,223.92	-5.66	0.07	-5.63	2.07	2.06	-5.54
7,318.00	4.59	123.90	7,317.72	-9.00	4.99	-8.54	2.05	2.05	-0.72
7,413.00	6.79	122.99	7,412.25	-14.17	12.86	-13.03	2.32	2.32	-0.96
7,507.00	8.43	120.92	7,505.42	-20.74	23.43	-18.68	1.77	1.74	-2.20
7,602.00	9.59	119.55	7,599.25	-28.22	36.29	-25.05	1.24	1.22	-1.44
7,697.00	10.64	118.73	7,692.77	-36.34	50.86	-31.90	1.12	1.11	-0.86
7,792.00	12.00	119.05	7,785.92	-45.35	67.19	-39.50	1.43	1.43	0.34
7,887.00	13.19	119.60	7,878.63	-55.50	85.25	-48.08	1.26	1.25	0.58
7,981.00	13.59	119.18	7,970.07	-66.18	104.21	-57.12	0.44	0.43	-0.45
8,076.00	13.53	119.33	8,062.43	-77.07	123.65	-66.32	0.07	-0.06	0.16
8,170.00	13.29	119.01	8,153.86	-87.69	142.68	-75.30	0.27	-0.26	-0.34
8,266.00	13.26	119.18	8,247.30	-98.41	161.94	-84.35	0.05	-0.03	0.18
8,360.00	13.02	118.59	8,338.84	-108.74	180.65	-93.05	0.29	-0.26	-0.63
8,455.00	12.95	118.94	8,431.41	-119.01	199.37	-101.70	0.11	-0.07	0.37
8,549.00	12.97	118.91	8,523.01	-129.21	217.82	-110.30	0.02	0.02	-0.03
8,644.00	12.72	119.04	8,615.64	-139.44	236.29	-118.93	0.26	-0.26	0.14
8,739.00	11.89	117.74	8,708.45	-149.07	254.10	-127.02	0.92	-0.87	-1.37
8,834.00	10.53	115.68	8,801.64	-157.39	270.59	-133.91	1.49	-1.43	-2.17
8,928.00	9.15	114.56	8,894.25	-164.21	285.12	-139.48	1.48	-1.47	-1.19



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,023.00	8.32	115.14	8,988.15	-170.27	298.22	-144.41	0.88	-0.87	0.61
9,118.00	7.48	116.73	9,082.25	-175.98	309.96	-149.10	0.91	-0.88	1.67
9,213.00	6.92	119.22	9,176.50	-181.55	320.48	-153.76	0.67	-0.59	2.62
9,307.00	6.26	124.01	9,269.88	-187.18	329.67	-158.60	0.91	-0.70	5.10
9,402.00	4.60	129.04	9,364.45	-192.48	336.92	-163.26	1.82	-1.75	5.29
9,497.00	4.21	132.12	9,459.17	-197.22	342.47	-167.51	0.48	-0.41	3.24
9,592.00	4.68	128.88	9,553.88	-201.99	348.07	-171.79	0.56	0.49	-3.41
9,686.00	5.04	129.58	9,647.54	-207.03	354.24	-176.29	0.39	0.38	0.74
9,781.00	5.78	125.71	9,742.12	-212.48	361.34	-181.12	0.87	0.78	-4.07
9,875.00	6.32	118.87	9,835.60	-217.74	369.72	-185.65	0.96	0.57	-7.28
9,970.00	6.58	111.49	9,930.00	-222.26	379.36	-189.34	0.91	0.27	-7.77
10,065.00	6.09	105.79	10,024.42	-225.62	389.27	-191.85	0.84	-0.52	-6.00
10,159.00	6.08	105.86	10,117.89	-228.34	398.86	-193.75	0.01	-0.01	0.07
10,254.00	5.85	101.62	10,212.38	-230.69	408.44	-195.28	0.52	-0.24	-4.46
10,349.00	6.54	101.54	10,306.82	-232.75	418.48	-196.48	0.73	0.73	-0.08
10,444.00	6.82	105.31	10,401.18	-235.32	429.23	-198.13	0.55	0.29	3.97
10,538.00	7.19	109.93	10,494.47	-238.80	440.14	-200.67	0.72	0.39	4.91
10,633.00	7.64	115.03	10,588.68	-243.50	451.45	-204.40	0.84	0.47	5.37
10,728.00	7.73	118.62	10,682.83	-249.23	462.78	-209.15	0.51	0.09	3.78
10,823.00	7.46	118.78	10,776.99	-255.26	473.79	-214.23	0.29	-0.28	0.17
10,917.00	7.44	115.39	10,870.20	-260.81	484.64	-218.83	0.47	-0.02	-3.61
10,991.00	7.38	111.46	10,943.58	-264.60	493.39	-221.87	0.69	-0.08	-5.31
11,116.00	7.71	102.81	11,067.51	-269.39	509.04	-225.33	0.95	0.26	-6.92
11,210.00	7.52	102.26	11,160.68	-272.10	521.20	-226.99	0.22	-0.20	-0.59
11,305.00	19.91	94.57	11,252.79	-274.72	543.49	-227.71	13.15	13.04	-8.09
11,400.00	29.92	80.65	11,338.92	-272.15	583.12	-221.80	12.15	10.54	-14.65
11,495.00	41.80	58.69	11,416.09	-251.69	633.94	-197.11	18.27	12.51	-23.12
11,589.00	57.83	53.43	11,476.57	-211.43	693.07	-151.99	17.57	17.05	-5.60
11,680.71	60.01	47.30	11,523.94	-161.33	753.48	-96.95	6.19	2.37	-6.68
SL: 11680.71' MD, 60.01° Inc, 47.30° Azm									
11,684.00	60.09	47.09	11,525.59	-159.39	755.57	-94.85	6.19	2.53	-6.52
11,778.00	62.03	39.91	11,571.12	-99.75	812.10	-30.63	6.99	2.06	-7.64
11,834.13	64.12	36.04	11,596.54	-60.30	842.87	11.28	7.18	3.72	-6.90
FTP: 11834.13' MD, 64.12° Inc, 36.04° Azm									
11,873.00	65.62	33.44	11,613.05	-31.39	862.92	41.79	7.18	3.87	-6.69
11,968.00	74.26	25.89	11,645.65	46.09	906.86	122.71	11.76	9.09	-7.95
12,062.00	79.29	18.04	11,667.18	130.88	940.99	210.08	9.73	5.35	-8.35
12,157.00	80.43	8.02	11,683.94	221.87	962.03	302.52	10.45	1.20	-10.55
12,252.00	79.84	2.12	11,700.23	315.05	970.30	396.07	6.15	-0.62	-6.21
12,347.00	85.11	359.39	11,712.67	409.18	971.53	489.97	6.24	5.55	-2.87
12,442.00	90.37	355.57	11,716.42	503.97	967.35	584.06	6.84	5.54	-4.02
12,486.00	90.68	354.32	11,716.02	547.79	963.48	627.40	2.93	0.70	-2.84
12,598.00	91.36	351.97	11,714.02	658.97	950.11	737.04	2.18	0.61	-2.10



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,692.00	90.73	350.35	11,712.31	751.83	935.67	828.35	1.85	-0.67	-1.72
12,787.00	86.33	356.75	11,714.75	846.12	925.00	921.41	8.17	-4.63	6.74
12,882.00	87.83	0.96	11,719.59	940.96	923.11	1,015.74	4.70	1.58	4.43
12,977.00	90.25	1.33	11,721.18	1,035.92	925.01	1,110.52	2.58	2.55	0.39
13,071.00	90.09	0.28	11,720.90	1,129.91	926.33	1,204.28	1.13	-0.17	-1.12
13,166.00	90.29	0.12	11,720.58	1,224.91	926.66	1,298.97	0.27	0.21	-0.17
13,261.00	90.16	0.24	11,720.21	1,319.90	926.96	1,393.65	0.19	-0.14	0.13
13,355.00	90.33	0.23	11,719.81	1,413.90	927.35	1,487.34	0.18	0.18	-0.01
13,450.00	89.96	0.96	11,719.57	1,508.90	928.33	1,582.08	0.86	-0.39	0.77
13,545.00	90.17	1.12	11,719.46	1,603.88	930.06	1,676.87	0.28	0.22	0.17
13,640.00	90.05	1.52	11,719.28	1,698.86	932.24	1,771.69	0.44	-0.13	0.42
13,734.00	90.13	0.45	11,719.13	1,792.84	933.86	1,865.47	1.14	0.09	-1.14
13,829.00	90.15	358.88	11,718.90	1,887.84	933.30	1,960.08	1.65	0.02	-1.65
13,924.00	90.21	358.06	11,718.60	1,982.80	930.77	2,054.49	0.87	0.06	-0.86
14,018.00	90.23	358.27	11,718.24	2,076.75	927.76	2,147.85	0.22	0.02	0.22
14,113.00	90.19	358.44	11,717.89	2,171.71	925.03	2,242.23	0.18	-0.04	0.18
14,207.00	90.42	358.47	11,717.39	2,265.68	922.50	2,335.65	0.25	0.24	0.03
14,302.00	90.06	358.24	11,716.99	2,360.64	919.77	2,430.04	0.45	-0.38	-0.24
14,397.00	90.37	357.83	11,716.64	2,455.58	916.51	2,524.36	0.54	0.33	-0.43
14,491.00	90.26	357.06	11,716.12	2,549.48	912.32	2,617.57	0.83	-0.12	-0.82
14,586.00	90.55	356.17	11,715.45	2,644.31	906.71	2,711.59	0.99	0.31	-0.94
14,681.00	90.17	356.27	11,714.85	2,739.11	900.45	2,805.51	0.41	-0.40	0.11
14,776.00	90.19	356.81	11,714.55	2,833.93	894.72	2,899.51	0.57	0.02	0.57
14,871.00	90.48	357.09	11,714.00	2,928.80	889.66	2,993.61	0.42	0.31	0.29
14,965.00	90.26	357.83	11,713.39	3,022.70	885.50	3,086.82	0.82	-0.23	0.79
15,060.00	90.10	359.64	11,713.09	3,117.67	883.40	3,181.27	1.91	-0.17	1.91
15,155.00	90.10	0.77	11,712.93	3,212.67	883.74	3,275.96	1.19	0.00	1.19
15,249.00	90.06	1.15	11,712.80	3,306.66	885.31	3,369.74	0.41	-0.04	0.40
15,344.00	89.68	0.48	11,713.01	3,401.65	886.67	3,464.50	0.81	-0.40	-0.71
15,439.00	89.68	0.04	11,713.54	3,496.64	887.10	3,559.20	0.46	0.00	-0.46
15,534.00	89.74	0.08	11,714.02	3,591.64	887.20	3,653.86	0.08	0.06	0.04
15,628.00	89.70	0.90	11,714.48	3,685.64	888.00	3,747.59	0.87	-0.04	0.87
15,723.00	89.79	1.28	11,714.90	3,780.62	889.81	3,842.38	0.41	0.09	0.40
15,818.00	89.69	1.65	11,715.34	3,875.59	892.24	3,937.21	0.40	-0.11	0.39
15,912.00	89.62	2.30	11,715.90	3,969.53	895.48	4,031.09	0.70	-0.07	0.69
16,007.00	89.67	2.61	11,716.49	4,064.44	899.54	4,126.01	0.33	0.05	0.33
16,102.00	89.91	2.54	11,716.84	4,159.34	903.81	4,220.93	0.26	0.25	-0.07
16,197.00	89.77	1.78	11,717.10	4,254.27	907.39	4,315.83	0.81	-0.15	-0.80
16,291.00	89.68	1.02	11,717.55	4,348.24	909.69	4,409.65	0.81	-0.10	-0.81
16,386.00	89.74	0.43	11,718.04	4,443.23	910.89	4,504.40	0.62	0.06	-0.62
16,481.00	89.86	359.44	11,718.37	4,538.23	910.78	4,599.05	1.05	0.13	-1.04
16,576.00	89.78	358.07	11,718.67	4,633.21	908.72	4,693.51	1.44	-0.08	-1.44
16,671.00	89.75	357.47	11,719.06	4,728.13	905.02	4,787.78	0.63	-0.03	-0.63
16,766.00	89.49	357.29	11,719.69	4,823.03	900.68	4,881.97	0.33	-0.27	-0.19



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,860.00	87.99	1.50	11,721.75	4,916.98	899.69	4,975.50	4.75	-1.60	4.48
16,955.00	86.62	6.58	11,726.22	5,011.61	906.37	5,070.35	5.53	-1.44	5.35
17,050.00	85.18	11.46	11,733.02	5,105.16	921.22	5,164.83	5.34	-1.52	5.14
17,068.38	85.28	11.26	11,734.55	5,123.12	924.82	5,183.03	1.22	0.53	-1.10
SL: 17068.38' MD, 85.28° Inc, 11.26° Azm									
17,080.00	85.34	11.13	11,735.50	5,134.48	927.07	5,194.54	1.22	0.53	-1.10
17,145.00	86.94	8.76	11,739.87	5,198.35	938.27	5,259.13	4.39	2.46	-3.65
17,185.00	88.41	6.70	11,741.50	5,237.95	943.64	5,299.04	6.32	3.68	-5.15
17,239.00	89.91	4.69	11,742.29	5,291.68	949.00	5,353.03	4.64	2.78	-3.72
17,284.00	91.72	2.48	11,741.65	5,336.58	951.82	5,398.00	6.35	4.02	-4.91
17,334.00	93.15	0.73	11,739.52	5,386.51	953.21	5,447.88	4.52	2.86	-3.50
17,379.00	94.22	358.58	11,736.63	5,431.41	952.94	5,492.59	5.33	2.38	-4.78
17,428.00	93.96	356.64	11,733.14	5,480.24	950.91	5,541.08	3.98	-0.53	-3.96
17,523.00	91.25	355.98	11,728.82	5,574.94	944.80	5,634.92	2.94	-2.85	-0.69
17,618.00	89.84	355.74	11,727.92	5,669.68	937.94	5,728.74	1.51	-1.48	-0.25
17,712.00	89.93	356.01	11,728.10	5,763.44	931.18	5,821.59	0.30	0.10	0.29
17,807.00	90.04	356.35	11,728.13	5,858.23	924.85	5,915.50	0.38	0.12	0.36
17,901.00	89.99	356.38	11,728.10	5,952.04	918.89	6,008.47	0.06	-0.05	0.03
17,996.00	89.99	356.04	11,728.12	6,046.83	912.61	6,102.39	0.36	0.00	-0.36
18,091.00	89.89	356.03	11,728.22	6,141.61	906.04	6,196.27	0.11	-0.11	-0.01
18,185.00	90.01	353.98	11,728.30	6,235.24	897.86	6,288.87	2.18	0.13	-2.18
18,280.00	89.87	354.02	11,728.40	6,329.72	887.93	6,382.17	0.15	-0.15	0.04
18,374.00	90.07	354.62	11,728.45	6,423.26	878.62	6,474.59	0.67	0.21	0.64
18,469.00	89.99	355.50	11,728.40	6,517.91	870.44	6,568.20	0.93	-0.08	0.93
18,564.00	90.00	356.31	11,728.41	6,612.66	863.66	6,662.04	0.85	0.01	0.85
18,659.00	89.93	357.97	11,728.47	6,707.54	858.92	6,756.18	1.75	-0.07	1.75
18,753.00	89.39	359.64	11,729.03	6,801.52	856.96	6,849.65	1.87	-0.57	1.78
18,848.00	89.60	1.74	11,729.86	6,896.50	858.10	6,944.39	2.22	0.22	2.21
18,943.00	89.65	3.19	11,730.49	6,991.41	862.19	7,039.30	1.53	0.05	1.53
19,037.00	89.29	2.88	11,731.35	7,085.27	867.17	7,133.25	0.51	-0.38	-0.33
19,132.00	89.50	2.45	11,732.36	7,180.16	871.58	7,228.18	0.50	0.22	-0.45
19,227.00	89.34	2.26	11,733.32	7,275.08	875.49	7,323.08	0.26	-0.17	-0.20
19,321.00	89.48	1.39	11,734.29	7,369.02	878.48	7,416.94	0.94	0.15	-0.93
19,416.00	89.84	0.46	11,734.85	7,464.01	880.01	7,511.72	1.05	0.38	-0.98
19,511.00	90.41	0.02	11,734.64	7,559.01	880.41	7,606.41	0.76	0.60	-0.46
19,606.00	90.32	358.88	11,734.04	7,654.00	879.50	7,700.98	1.20	-0.09	-1.20
19,701.00	90.94	358.10	11,732.99	7,748.96	877.00	7,795.39	1.05	0.65	-0.82
19,796.00	90.55	358.69	11,731.76	7,843.91	874.34	7,889.78	0.74	-0.41	0.62
19,890.00	90.38	358.90	11,731.00	7,937.89	872.36	7,983.25	0.29	-0.18	0.22
19,985.00	90.00	359.09	11,730.68	8,032.87	870.69	8,077.75	0.45	-0.40	0.20
20,080.00	90.52	359.42	11,730.25	8,127.87	869.46	8,172.30	0.65	0.55	0.35
20,175.00	90.04	359.23	11,729.79	8,222.86	868.34	8,266.85	0.54	-0.51	-0.20
20,269.00	90.47	359.79	11,729.37	8,316.85	867.53	8,360.44	0.75	0.46	0.60



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Dr Pi Fed Unit 18_7 IPP 313H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3689.50usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	MD Reference:	RKB @ 3689.50usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 313H	North Reference:	Grid
Wellbore:	OH / 69897	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 466)	Database:	USA Compass

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
20,363.00	90.41	0.14	11,728.65	8,410.85	867.48	8,454.10	0.38	-0.06	0.37	
20,458.00	90.45	359.96	11,727.93	8,505.85	867.56	8,548.76	0.19	0.04	-0.19	
20,552.00	90.46	0.33	11,727.19	8,599.84	867.80	8,642.44	0.39	0.01	0.39	
20,647.00	90.41	0.82	11,726.46	8,694.84	868.75	8,737.17	0.52	-0.05	0.52	
20,741.00	90.40	1.53	11,725.80	8,788.81	870.68	8,830.97	0.76	-0.01	0.76	
20,836.00	90.17	1.52	11,725.33	8,883.78	873.21	8,925.81	0.24	-0.24	-0.01	
20,930.00	90.06	1.51	11,725.14	8,977.74	875.69	9,019.65	0.12	-0.12	-0.01	
21,024.00	90.01	1.09	11,725.08	9,071.72	877.82	9,113.47	0.45	-0.05	-0.45	
21,119.00	90.16	0.52	11,724.94	9,166.71	879.16	9,208.23	0.62	0.16	-0.60	
21,213.00	89.94	359.85	11,724.86	9,260.71	879.46	9,301.92	0.75	-0.23	-0.71	
21,307.00	90.02	358.59	11,724.89	9,354.70	878.18	9,395.46	1.34	0.09	-1.34	
21,401.00	90.11	357.40	11,724.78	9,448.64	874.89	9,488.79	1.27	0.10	-1.27	
21,496.00	90.27	356.00	11,724.47	9,543.48	869.43	9,582.82	1.48	0.17	-1.47	
21,590.00	89.91	355.16	11,724.32	9,637.20	862.18	9,675.59	0.97	-0.38	-0.89	
21,684.00	89.73	355.97	11,724.62	9,730.92	854.91	9,768.36	0.88	-0.19	0.86	
21,778.00	89.67	357.75	11,725.11	9,824.77	849.76	9,861.44	1.89	-0.06	1.89	
21,872.00	89.79	358.79	11,725.55	9,918.72	846.93	9,954.82	1.11	0.13	1.11	
21,967.00	90.30	1.16	11,725.48	10,013.72	846.89	10,049.46	2.55	0.54	2.49	
22,061.00	89.93	2.66	11,725.29	10,107.66	850.02	10,143.34	1.64	-0.39	1.60	
22,155.00	89.94	4.54	11,725.40	10,201.47	855.92	10,237.31	2.00	0.01	2.00	
22,249.00	89.88	6.74	11,725.54	10,295.01	865.16	10,331.29	2.34	-0.06	2.34	
Final Phoenix MWD Survey										
22,251.32	89.88	6.74	11,725.55	10,297.31	865.43	10,333.61	0.00	0.00	0.00	
LTP: 22251.32' MD, 89.88° Inc, 6.74° Azm										
22,298.00	89.88	6.74	11,725.65	10,343.67	870.91	10,380.27	0.00	0.00	0.00	
Projection to TD										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
934.64	934.63	-2.34	-2.64	Tie In	
1,071.00	1,070.98	-3.94	-2.41	First Phoenix MWD Survey	
11,680.71	11,523.94	-161.33	753.48	SL: 11680.71' MD, 60.01° Inc, 47.30° Azm	
11,834.13	11,596.54	-60.30	842.87	FTP: 11834.13' MD, 64.12° Inc, 36.04° Azm	
17,068.38	11,734.55	5,123.12	924.82	SL: 17068.38' MD, 85.28° Inc, 11.26° Azm	
22,249.00	11,725.54	10,295.01	865.16	Final Phoenix MWD Survey	
22,251.32	11,725.55	10,297.31	865.43	LTP: 22251.32' MD, 89.88° Inc, 6.74° Azm	
22,298.00	11,725.65	10,343.67	870.91	Projection to TD	

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

ACKNOWLEDGMENTS

Action 142180

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 142180
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 142180

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 142180
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	RT expires 90 days from ready date	12/5/2022