

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

OXY USA Inc. ✓

16696

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL - 435 FNL 60 FWL NWNW(D) Sec 28 T23S R29E ✓

PPP- 453 FNL 354 FWL NWNW(D)

PBHL-660 FNL 1700 FEL NWNE(B)

5. Lease Serial No.

NMNM86024

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Cypress 28 Federal #3H -

9. API Well No.

30-015-38287

10. Field and Pool, or Exploratory Area

Laguna Salado Bone Spring, S

11. County or Parish, State

Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other Amend☒ Change Plans☐ Plug and Abandon☐ Temporarily Abandon

Directional

☐ Convert to Injection☐ Plug Back☐ Water Disposal

Drilling Plan

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see attached for a copy of the amended directional drilling plan and an amended C-102 plat. The proposed penetration point of the Bone Spring interval have been changed so that it will be at a standard location. The aproved surface and proposed bottom-hole location has not changed.

RECEIVED

JAN 28 2011

NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

12/3/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

JAN 24 2011

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

WESLEY W. INGRAM
PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-38287	Pool Code 96857	Pool Name LAGUNA SALADO BONE SPRING, SOUTH
Property Code 67803	Property Name CYPRESS 28 FED.	Well Number 3H
OGRID No. 16696	Operator Name OXY USA, INC.	Elevation 3029.9'

Surface Location

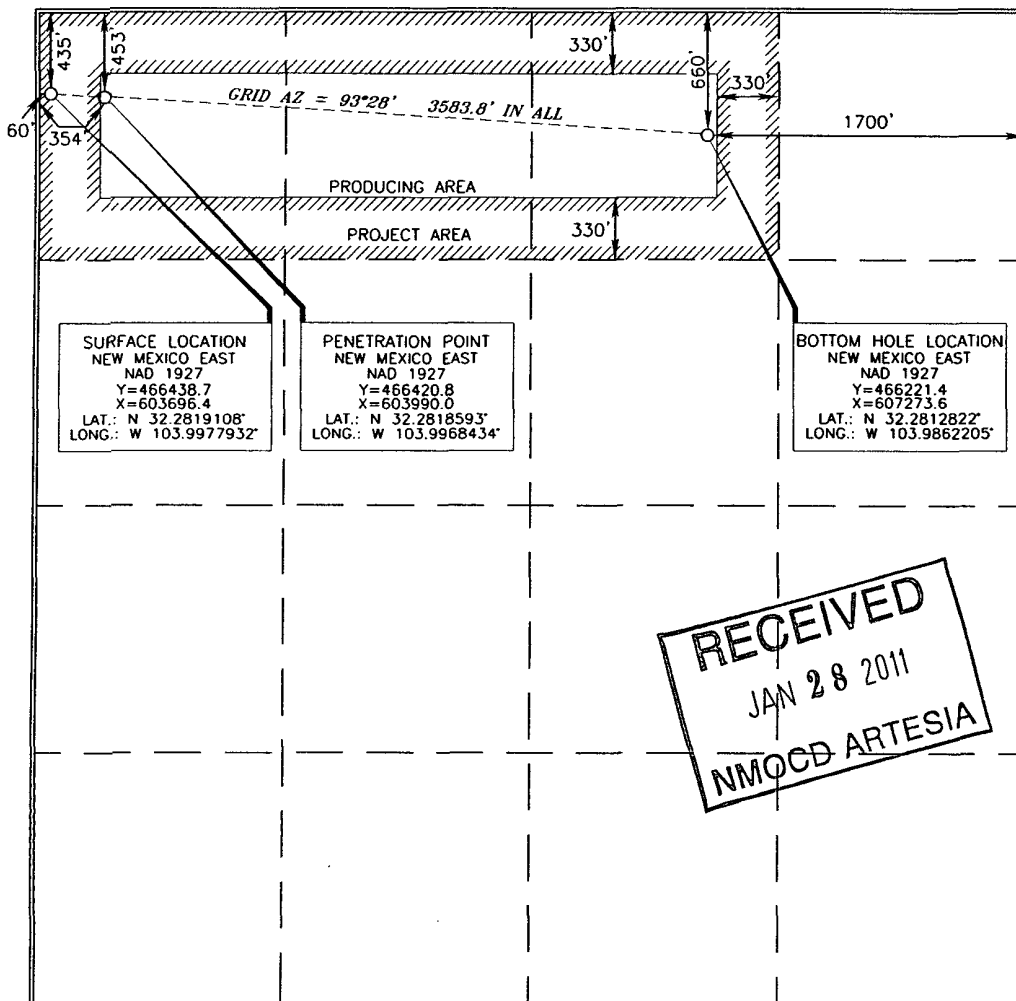
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	23 SOUTH	29 EAST, N.M.P.M.		435'	NORTH	60'	WEST	EDDY

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
B	28	23 SOUTH	29 EAST, N.M.P.M.		660'	NORTH	1700'	EAST	EDDY

Dedicated Acres 120	Joint or Infill N	Consolidation Code NSL-	Order No.
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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.



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.

David Stewart 12/3/10
Signature Date

David Stewart
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

15079
JUNE 16, 2010
Date of Survey

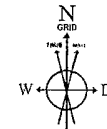
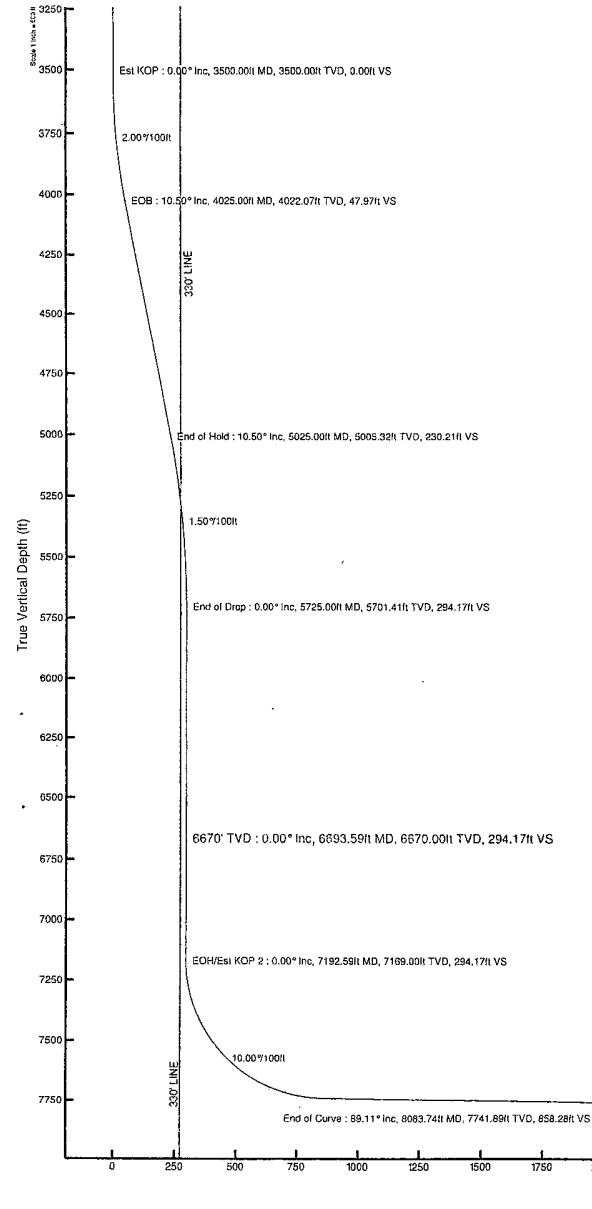
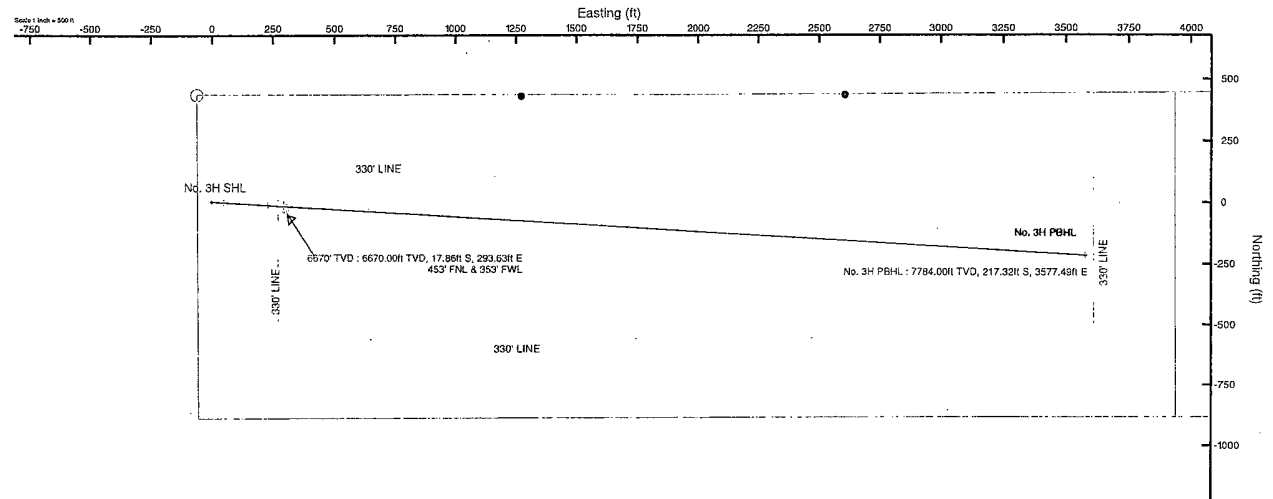
Signature and Seal of Professional Surveyor

Terry J. Abel 11/19/2010
Certificate Number 15079

WO# 080708WL-b (Rev. B) (KA)

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (7100ft)
Tie On	0.00	0.000	93.480	0.00	0.00	0.00	0.00
Est KOP	3500.00	0.000	93.480	3500.00	0.00	0.00	0.00
EOB	4025.00	10.500	93.480	4022.07	-2.91	47.88	2.00
End of Hold	5025.00	10.500	93.480	5005.32	-13.97	229.78	0.00
End of Drop	5725.00	0.000	93.476	5701.41	-17.88	293.63	1.50
EOH/Est KOP 2	7192.59	0.000	93.476	7169.00	-17.88	293.63	0.00
End of Curve	8083.74	89.115	93.476	7741.89	-52.06	856.70	10.00
No. 3H PBHL	10809.87	89.115	93.476	7784.00	-217.32	3577.49	0.00

Plot reference wellpath is Prelim_1	
True vertical depths are referenced to Rig on No. 3H SHL (RT)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No. 3H SHL (RT)	North Reference: Grid north
Rig on No. 3H SHL (RT) to Mean Sea Level: 9029.9 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Cypress 28 Fed No. 3H): -9029.9 feet	Depths are in feet
Coordinates are in feet referenced to Grid	Created by: gomegar on 11/17/2010



800M (1945.0 to 2011.0) Dip: 80.19° Field: 48731.4 nT
Magnetic North is 7.89 degrees East of True North (at 11/15/2010)
Grid North is 0.16 degrees East of True North
To correct azimuth from True to Grid subtract 0.16 degrees
To correct azimuth from Magnetic to Grid add 7.71 degrees
For example: If the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.71 = 97.71



Planned Wellpath Report

Prelim_1

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**BAKER
HUGHE**

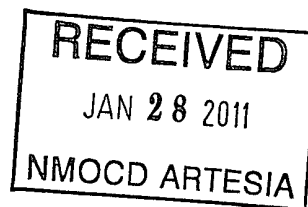
INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No. 3H PWB
Facility	Cypress 28 Fed No. 3H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shal
1) No. 3H PBHL	10809.87	7784.00	217.32	3577.49	607273.60	466221.40	32°16'52.616"N	103°59'10.394"W	poi





Planned Wellpath Report

Prelim_1

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INTEQ

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Facility	Cypress 28 Fed No. 3H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Gomeoscr
Scale	0.999921	Report Generated	11/16/2010 at 8:59:45 AM
Convergence at slot	0.18° East	Database/Source file	WA Midland/No. 3H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W
Facility Reference Pt			603696.40	466438.70	32°16'54.879"N	103°59'52.056"W
Field Reference Pt			604188.10	463378.60	32°16'24.581"N	103°59'46.440"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 3H SHL (RT) to Facility Vertical Datum	0.00ft
Horizontal Reference Pt	Slot	Rig on No. 3H SHL (RT) to Mean Sea Level	3029.90ft
Vertical Reference Pt	Rig on No. 3H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 3H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	93.48°



Planned Wellpath Report

Prelim_1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No. 3H PWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (115 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comment
0.00	0.000	93.480	0.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	Tie On
100.00†	0.000	93.480	100.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
200.00†	0.000	93.480	200.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
300.00†	0.000	93.480	300.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
400.00†	0.000	93.480	400.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
500.00†	0.000	93.480	500.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
600.00†	0.000	93.480	600.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
700.00†	0.000	93.480	700.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
800.00†	0.000	93.480	800.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
900.00†	0.000	93.480	900.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1000.00†	0.000	93.480	1000.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1100.00†	0.000	93.480	1100.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1200.00†	0.000	93.480	1200.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1300.00†	0.000	93.480	1300.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1400.00†	0.000	93.480	1400.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1500.00†	0.000	93.480	1500.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1600.00†	0.000	93.480	1600.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1700.00†	0.000	93.480	1700.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1800.00†	0.000	93.480	1800.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
1900.00†	0.000	93.480	1900.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2000.00†	0.000	93.480	2000.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2100.00†	0.000	93.480	2100.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2200.00†	0.000	93.480	2200.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2300.00†	0.000	93.480	2300.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2400.00†	0.000	93.480	2400.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2500.00†	0.000	93.480	2500.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2600.00†	0.000	93.480	2600.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2700.00†	0.000	93.480	2700.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2800.00†	0.000	93.480	2800.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
2900.00†	0.000	93.480	2900.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3000.00†	0.000	93.480	3000.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3100.00†	0.000	93.480	3100.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3200.00†	0.000	93.480	3200.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3300.00†	0.000	93.480	3300.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3400.00†	0.000	93.480	3400.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
3500.00	0.000	93.480	3500.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	Est KOP
3600.00†	2.000	93.480	3599.98	1.75	-0.11	1.74	603698.14	466438.59	32°16'54.878"N	103°59'52.035"W	2.00	
3700.00†	4.000	93.480	3699.84	6.98	-0.42	6.97	603703.37	466438.28	32°16'54.875"N	103°59'51.975"W	2.00	
3800.00†	6.000	93.480	3799.45	15.69	-0.95	15.66	603712.06	466437.75	32°16'54.869"N	103°59'51.873"W	2.00	
3900.00†	8.000	93.480	3898.70	27.88	-1.69	27.83	603724.23	466437.01	32°16'54.862"N	103°59'51.732"W	2.00	
4000.00†	10.000	93.480	3997.47	43.52	-2.64	43.44	603739.84	466436.06	32°16'54.852"N	103°59'51.550"W	2.00	
4025.00	10.500	93.480	4022.07	47.97	-2.91	47.88	603744.28	466435.79	32°16'54.849"N	103°59'51.498"W	2.00	EOB
4100.00†	10.500	93.480	4095.81	61.64	-3.74	61.53	603757.92	466434.96	32°16'54.840"N	103°59'51.339"W	0.00	
4200.00†	10.500	93.480	4194.14	79.86	-4.85	79.72	603776.11	466433.85	32°16'54.829"N	103°59'51.127"W	0.00	
4300.00†	10.500	93.480	4292.46	98.09	-5.95	97.91	603794.30	466432.75	32°16'54.817"N	103°59'50.916"W	0.00	



Planned Wellpath Report

Prelim_1

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BAKER
HUGHES

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No. 3H PWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (115 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4400.00†	10.500	93.480	4390.79	116.31	-7.06	116.10	603812.49	466431.64	32°16'54.806"N	103°59'50.704"W	0.00	
4500.00†	10.500	93.480	4489.11	134.53	-8.17	134.28	603830.67	466430.53	32°16'54.794"N	103°59'50.492"W	0.00	
4600.00†	10.500	93.480	4587.44	152.76	-9.27	152.47	603848.86	466429.43	32°16'54.783"N	103°59'50.280"W	0.00	
4700.00†	10.500	93.480	4685.76	170.98	-10.38	170.66	603867.05	466428.32	32°16'54.771"N	103°59'50.068"W	0.00	
4800.00†	10.500	93.480	4784.09	189.20	-11.48	188.85	603885.24	466427.22	32°16'54.760"N	103°59'49.856"W	0.00	
4900.00†	10.500	93.480	4882.41	207.43	-12.59	207.04	603903.43	466426.11	32°16'54.748"N	103°59'49.645"W	0.00	
5000.00†	10.500	93.480	4980.74	225.65	-13.70	225.23	603921.62	466425.00	32°16'54.737"N	103°59'49.433"W	0.00	
5025.00	10.500	93.480	5005.32	230.21	-13.97	229.78	603926.16	466424.73	32°16'54.734"N	103°59'49.380"W	0.00	End of Hold
5100.00†	9.375	93.480	5079.19	243.15	-14.76	242.70	603939.08	466423.94	32°16'54.726"N	103°59'49.229"W	1.50	
5200.00†	7.875	93.480	5178.06	258.15	-15.67	257.67	603954.05	466423.03	32°16'54.716"N	103°59'49.055"W	1.50	
5300.00†	6.375	93.480	5277.29	270.55	-16.42	270.05	603966.43	466422.28	32°16'54.708"N	103°59'48.911"W	1.50	
5400.00†	4.875	93.480	5376.80	280.35	-17.02	279.83	603976.21	466421.68	32°16'54.702"N	103°59'48.797"W	1.50	
5500.00†	3.375	93.480	5476.54	287.54	-17.45	287.01	603983.39	466421.25	32°16'54.698"N	103°59'48.713"W	1.50	
5600.00†	1.875	93.480	5576.43	292.12	-17.73	291.58	603987.96	466420.97	32°16'54.695"N	103°59'48.660"W	1.50	
5700.00†	0.375	93.480	5676.41	294.09	-17.85	293.54	603989.92	466420.85	32°16'54.694"N	103°59'48.637"W	1.50	
5725.00	0.000	93.476	5701.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	1.50	End of Drop
5800.00†	0.000	93.476	5776.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
5900.00†	0.000	93.476	5876.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6000.00†	0.000	93.476	5976.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6100.00†	0.000	93.476	6076.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6200.00†	0.000	93.476	6176.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6300.00†	0.000	93.476	6276.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6400.00†	0.000	93.476	6376.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6500.00†	0.000	93.476	6476.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6600.00†	0.000	93.476	6576.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6700.00†	0.000	93.476	6676.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6800.00†	0.000	93.476	6776.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
6900.00†	0.000	93.476	6876.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
7000.00†	0.000	93.476	6976.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
7100.00†	0.000	93.476	7076.41	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	
7192.59	0.000	93.476	7169.00	294.17	-17.86	293.63	603990.00	466420.85	32°16'54.693"N	103°59'48.636"W	0.00	EOH/Est KOP
7200.00†	0.741	93.476	7176.41	294.22	-17.86	293.67	603990.05	466420.84	32°16'54.693"N	103°59'48.636"W	10.00	
7300.00†	10.741	93.476	7275.78	304.21	-18.46	303.65	604000.02	466420.24	32°16'54.687"N	103°59'48.520"W	10.00	
7400.00†	20.741	93.476	7371.91	331.30	-20.11	330.69	604027.06	466418.59	32°16'54.670"N	103°59'48.205"W	10.00	
7500.00†	30.741	93.476	7461.87	374.68	-22.74	373.99	604070.36	466415.96	32°16'54.643"N	103°59'47.700"W	10.00	
7600.00†	40.741	93.476	7542.94	433.01	-26.27	432.22	604128.58	466412.43	32°16'54.606"N	103°59'47.022"W	10.00	
7700.00†	50.741	93.476	7612.64	504.54	-30.61	503.61	604199.97	466408.09	32°16'54.561"N	103°59'46.191"W	10.00	
7800.00†	60.741	93.476	7668.86	587.09	-35.62	586.01	604282.36	466403.09	32°16'54.509"N	103°59'45.231"W	10.00	
7900.00†	70.741	93.476	7709.89	678.14	-41.14	676.89	604373.24	466397.57	32°16'54.451"N	103°59'44.173"W	10.00	
8000.00†	80.741	93.476	7734.49	774.94	-47.00	773.51	604469.85	466391.70	32°16'54.390"N	103°59'43.048"W	10.00	
8083.74	89.115	93.476	7741.89	858.28	-52.06	856.70	604553.03	466386.65	32°16'54.338"N	103°59'42.079"W	10.00	End of Curve
8100.00†	89.115	93.476	7742.14	874.53	-53.04	872.92	604569.25	466385.66	32°16'54.327"N	103°59'41.890"W	0.00	
8200.00†	89.115	93.476	7743.69	974.52	-59.10	972.73	604669.05	466379.60	32°16'54.264"N	103°59'40.728"W	0.00	
8300.00†	89.115	93.476	7745.23	1074.51	-65.17	1072.53	604768.85	466373.54	32°16'54.201"N	103°59'39.566"W	0.00	
8400.00†	89.115	93.476	7746.77	1174.50	-71.23	1172.34	604868.64	466367.48	32°16'54.138"N	103°59'38.403"W	0.00	



Planned Wellpath Report

Prelim_1

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No. 3H PWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (115 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8500.00†	89.115	93.476	7748.32	1274.49	-77.29	1272.14	604968.44	466361.42	32°16'54.075"N	103°59'37.241"W	0.00	
8600.00†	89.115	93.476	7749.86	1374.47	-83.35	1371.94	605068.23	466355.35	32°16'54.012"N	103°59'36.079"W	0.00	
8700.00†	89.115	93.476	7751.41	1474.46	-89.42	1471.75	605168.03	466349.29	32°16'53.949"N	103°59'34.916"W	0.00	
8800.00†	89.115	93.476	7752.95	1574.45	-95.48	1571.55	605267.83	466343.23	32°16'53.885"N	103°59'33.754"W	0.00	
8900.00†	89.115	93.476	7754.50	1674.44	-101.54	1671.36	605367.62	466337.17	32°16'53.822"N	103°59'32.592"W	0.00	
9000.00†	89.115	93.476	7756.04	1774.43	-107.60	1771.16	605467.42	466331.11	32°16'53.759"N	103°59'31.430"W	0.00	
9100.00†	89.115	93.476	7757.59	1874.41	-113.66	1870.97	605567.21	466325.05	32°16'53.696"N	103°59'30.267"W	0.00	
9200.00†	89.115	93.476	7759.13	1974.40	-119.73	1970.77	605667.01	466318.98	32°16'53.633"N	103°59'29.105"W	0.00	
9300.00†	89.115	93.476	7760.68	2074.39	-125.79	2070.57	605766.81	466312.92	32°16'53.570"N	103°59'27.943"W	0.00	
9400.00†	89.115	93.476	7762.22	2174.38	-131.85	2170.38	605866.60	466306.86	32°16'53.507"N	103°59'26.781"W	0.00	
9500.00†	89.115	93.476	7763.77	2274.37	-137.91	2270.18	605966.40	466300.80	32°16'53.444"N	103°59'25.618"W	0.00	
9600.00†	89.115	93.476	7765.31	2374.36	-143.97	2369.99	606066.20	466294.74	32°16'53.380"N	103°59'24.456"W	0.00	
9700.00†	89.115	93.476	7766.86	2474.34	-150.04	2469.79	606165.99	466288.68	32°16'53.317"N	103°59'23.294"W	0.00	
9800.00†	89.115	93.476	7768.40	2574.33	-156.10	2569.59	606265.79	466282.61	32°16'53.254"N	103°59'22.132"W	0.00	
9900.00†	89.115	93.476	7769.95	2674.32	-162.16	2669.40	606365.58	466276.55	32°16'53.191"N	103°59'20.969"W	0.00	
10000.00†	89.115	93.476	7771.49	2774.31	-168.22	2769.20	606465.38	466270.49	32°16'53.128"N	103°59'19.807"W	0.00	
10100.00†	89.115	93.476	7773.03	2874.30	-174.28	2869.01	606565.18	466264.43	32°16'53.065"N	103°59'18.645"W	0.00	
10200.00†	89.115	93.476	7774.58	2974.28	-180.35	2968.81	606664.97	466258.37	32°16'53.001"N	103°59'17.483"W	0.00	
10300.00†	89.115	93.476	7776.12	3074.27	-186.41	3068.61	606764.77	466252.31	32°16'52.938"N	103°59'16.320"W	0.00	
10400.00†	89.115	93.476	7777.67	3174.26	-192.47	3168.42	606864.56	466246.24	32°16'52.875"N	103°59'15.158"W	0.00	
10500.00†	89.115	93.476	7779.21	3274.25	-198.53	3268.22	606964.36	466240.18	32°16'52.812"N	103°59'13.996"W	0.00	
10600.00†	89.115	93.476	7780.76	3374.24	-204.59	3368.03	607064.16	466234.12	32°16'52.749"N	103°59'12.833"W	0.00	
10700.00†	89.115	93.476	7782.30	3474.22	-210.66	3467.83	607163.95	466228.06	32°16'52.686"N	103°59'11.671"W	0.00	
10800.00†	89.115	93.476	7783.85	3574.21	-216.72	3567.64	607263.75	466222.00	32°16'52.622"N	103°59'10.509"W	0.00	
10809.87	89.115	93.476	7784.00	3584.08	-217.32	3577.49	607273.60	466221.40	32°16'52.616"N	103°59'10.394"W	0.00	No. 3H PBH

HOLE & CASING SECTIONS Ref Wellbore: No. 3H PWB Ref Wellpath: Prelim_1

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.75in Open Hole	7165.00	10809.87	3644.87	7141.41	7784.00	-17.86	293.63	-217.32	3577.