

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBSOCD
OCD Hobbs
JAN 14 2015FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM111418
2. Name of Operator OXY USA INCORPORATED Contact: DAVID STEWART E-Mail: david_stewart@oxy.com		6. If Indian, Allottee or Tribe Name
3a. Address HOUSTON, TX 77210-4294	3b. Phone No. (include area code) Ph: 432.685.5717 Fx: 432.685.5742	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T23S R33E NWNE 340FNL 1660FEL 32.281904 N Lat, 103.590701 W Lon		8. Well Name and No. FOXGLOVE 29 FEDERAL COM 6H
		9. API Well No. 30-025-41850-00-X1
		10. Field and Pool, or Exploratory TRIPLE X
		11. County or Parish, and State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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 site is ready for final inspection.)

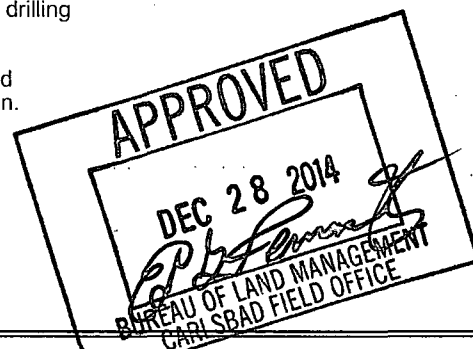
OXY USA Inc. respectfully requests approval for the following changes and additions to the drilling plan:

1. Extend the BHL approximately 160' past the south hardline to allow for our shoe track and perforating guns, see attached for amended C-102 plat and amended directional drilling plan.

Proposed TD - 15667'M 11152'V

Production Casing
5-1/2" 20# P110 Tenaris Blue new csg @ 0-15667', 7-7/8" hole w/ 9.3# mud

Coll Rating (psi)-11100 Burst Rating (psi)-12630



14. I hereby certify that the foregoing is true and correct. Electronic Submission #286919 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by ED FERNANDEZ on 01/06/2015 (15EF0016SE)	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 01/06/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ	Title PETROLEUM ENGINEER	Date 01/06/2014
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.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

JAN 21 2015

Additional data for EC transaction #286919 that would not fit on the form

32. Additional remarks, continued

SF Coll-1.43 SF Burst-1.22 SF Ten-1.74

Production - Cement w/ 870sx Tuned Light (TM) system cmt w/ 1#/sx Kol-Seal + .1#/sx Poly-E-Flake + .35% HR-601, 10.2ppg 3.055 yield 788# 24hr CS 150% Excess followed by 780sx PP H cmt w/ 3#/sx salt + .3% CFR-3 + .5% Halad-344 + .1% HR-800, 13.2ppg 1.65 yield 1462# 24hr CS 40% Excess. Calculated TOC 4200'

Description of Cement Additives: Salt (Accelerator); CFR-3 (Dispersant); Kol-Seal, Poly-E-Flake (Lost Circulation Additive); Halad-344 (Low Fluid Loss Control); HR-601, HR-800 (Retarder)

The above cement volumes could be revised pending the caliper measurement.

District I
 1025 N. Francis Dr., Hobbs, NM 88240
 Phone: (575) 333-4161 Fax: (575) 393-0720
 District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 745-1283 Fax: (575) 745-9720
 District III
 1080 Rio Rancho Road, Aztec, NM 87410
 Phone: (505) 334-6170 Fax: (505) 334-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3459 Fax: (505) 476-3459

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AFT Number 30-025-41850	Pool Code 59900	Pool Name Triple X Bone Spring
Property Code 304827	Property Name FOXGLOVE "29" FEDERAL	Well Number 6H
OGRID No. 16694	Operator Name OXY USA INC.	Elevation 3691.9'

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
B	29	23 SOUTH	33 EAST, N.M.P.M.		340'	NORTH	1660'	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
0	29	23 SOUTH	33 EAST, N.M.P.M.		180'	SOUTH	1700'	EAST	LEA

Dedicated Acres 160	Joint or Infill N	Consolidation Code	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.

SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=487058.6 X=728507.8 LAT.: N 32.2819044° LONG.: W 103.5907014° BOTTOM PERF. NEW MEXICO EAST NAD 1927 Y=487468.1 X=728501.9 LAT.: N 32.2692581° LONG.: W 103.5908228° BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=487308.1 X=728501.7 LAT.: N 32.2688193° LONG.: W 103.5908270° PROJECT AREA PRODUCING AREA GRID AZ = 180°04'10" 4760.59' IN ALL 340' 1660' 1699' 1700' 180'	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and accurate to the best of my knowledge and belief, and that this organization either owns a working interest or 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. _____ Signature David Stewart Sr. Ray ALU. _____ Printed Name david_stewart@oxy.com _____ E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was placed from a reasonably accurate survey made by an appropriately experienced and qualified person whose name is true and correct to the best of my belief. _____ Signature Terry J. Alcala _____ Printed Name 15079 _____ Date of Survey SEPTEMBER 12, 2013 _____ Professional Surveyor 15079 Certificate Number WO# 130925WL-c (Rev. A) (NA)
--	--



F29F 01
Lea County, New Mexico
Northing: 467068.60
Easting: 729507.60
Plan #2



True North: -0.40°
Magnetic North: 6.92°

Magnetic Field
Strength: 48414.7nT
Dip Angle: 60.18°
Date: 10/11/2013
Model: IGRF2010

To convert Magnetic North to Grid, Add 6.92°
To convert True North to Grid, Subtract 0.40°



KB @ 3715.90usft
Gr @ 3691.90

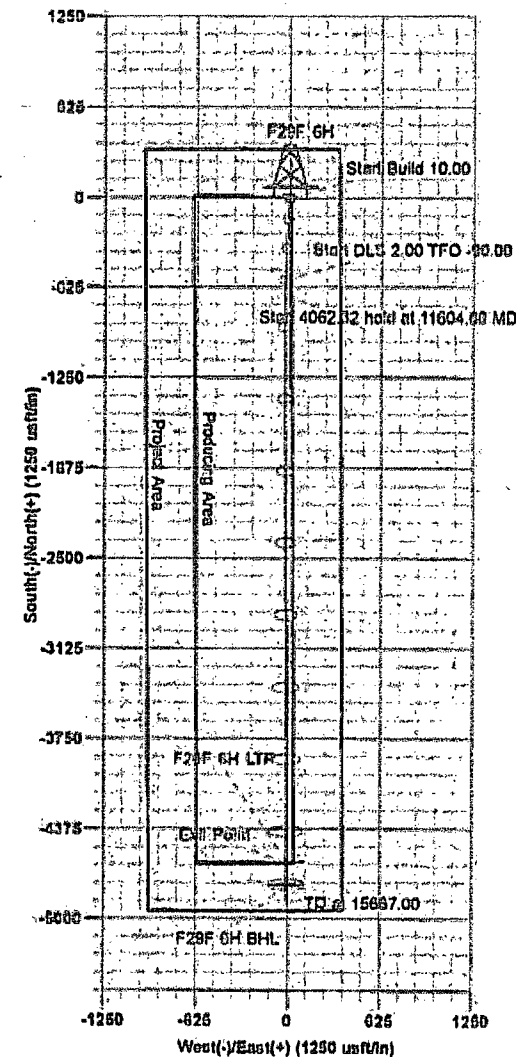
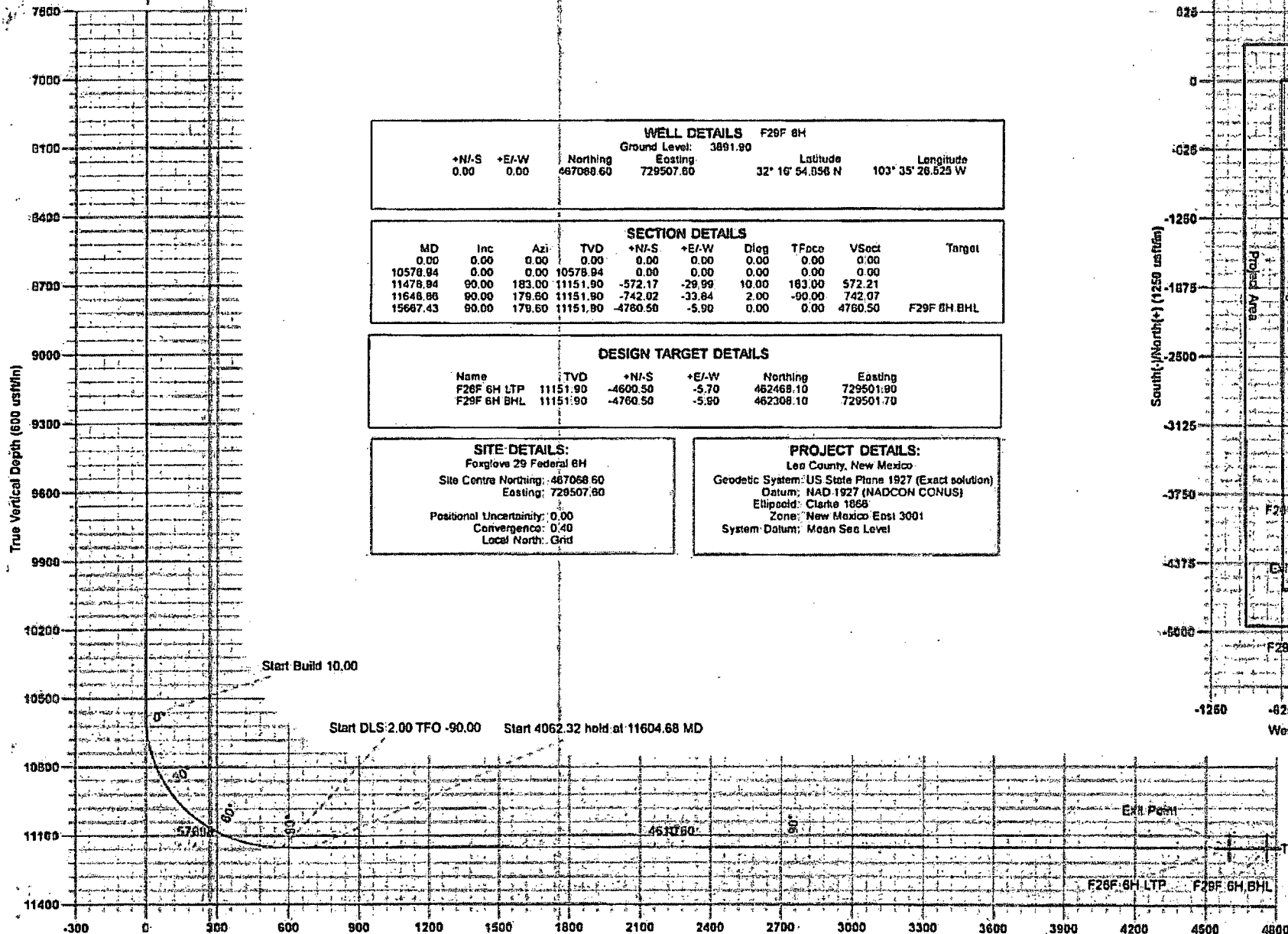
WELL DETAILS F29F 6H					
+N/-S	+E/-W	North	Ground Level:	Latitude	Longitude
0.00	0.00	467068.60	3691.90	32° 16' 54.056 N	103° 35' 28.525 W
Easting: 729507.60					

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dlog	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10578.94	0.00	0.00	10578.94	0.00	0.00	0.00	0.00	0.00	
11478.94	90.00	183.00	11151.90	-572.17	-29.99	10.00	183.00	572.21	
11648.86	90.00	179.60	11151.90	-742.02	-33.84	2.00	-90.00	742.07	
15667.43	90.00	179.60	11151.90	-4760.50	-5.90	0.00	0.00	4760.50	F29F 6H BHL

DESIGN TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	North	Easting
F26F 6H LTP	11151.90	-4600.50	-5.70	462468.10	729501.90
F29F 6H BHL	11151.90	-4760.50	-5.90	462308.10	729501.70

SITE DETAILS:
Fogloves 29 Federal 6H
Site Centre Northing: 467068.60
Easting: 729507.60
Positional Uncertainty: 0.00
Convergence: 0.40
Local North: Grid

PROJECT DETAILS:
Lea County, New Mexico
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level



Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well F29F 6H
Company:	OXY	TVD Reference:	KB @ 3715.90usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3715.90usft
Site:	Foxglove 29 Federal 6H	North Reference:	Grid
Well:	F29F 6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Plan #2		

Project:	Lea County, New Mexico		
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		

Site:		Foxglove 29 Federal 6H			
Site Position:		Northing:	467,068.60 usft	Latitude:	32° 16' 54.856 N
From:	Map	Easting:	729,507.60 usft	Longitude:	103° 35' 26.525 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well:	F29F 6H					
Well Position	+N-S	0.00 usft	Northing:	457,068.60 usft	Latitude:	32° 16' 54.856 N
	+E-W	0.00 usft	Easting:	729,507.60 usft	Longitude:	103° 35' 26.525 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,691.90 usft

Wellbore:	Original Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/11/2013	7.31	60.18	48,415

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/ S	+E/ W	Direction
	(usft)	(usft)	(usft)	(bearing)
	0.00	0.00	0.00	180.07

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10,578.94	0.00	0.00	10,578.94	0.00	0.00	0.00	0.00	0.00	0.00	
11,478.94	90.00	183.00	11,151.90	-572.17	-29.99	10.00	10.00	0.00	183.00	
11,648.86	90.00	179.60	11,151.90	-742.02	-33.84	2.00	0.00	-2.00	-90.00	
15,667.43	90.00	179.60	11,151.90	-4,760.50	-5.90	0.00	0.00	0.00	0.00	F29F 6H BHL

Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well F29F 6H
Company:	OXY	TVD Reference:	KB @ 3715 90usft
Project:	Lea County - New Mexico	MD Reference:	KB @ 3715 90usft
Site:	Foxglove 29 Federal 6H	North Reference:	Grid
Well:	F29F 6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Plan #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	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	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	

Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well F29F 6H
Company:	OKY	TVD Reference:	KB @ 3715 90usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3715 90usft
Site:	Forclove 29 Federal GH	North Reference:	Grid
Well:	F29F 6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Plan #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
10,578.94	0.00	0.00	10,578.94	0.00	0.00	0.00	0.00	0.00	0.00

Planning Report

Database:	Midland District	Local Co-ordinates Reference:	Well F29F 6H
Company:	OXY	TVD Reference:	KB @ 3715.90usr
Project:	Lea County, New Mexico	MD Reference:	KB @ 3715.90usr
Site:	Forgrave 29 Federal 6H	North Reference:	Grid
Well:	F29F 6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Diagram:	Plan #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	N/S (usft)	E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
Start Build 10.00										
10,600.00	2.11	183.00	10,600.00	-0.39	-0.02	0.39	10.00	10.00	0.00	
10,650.00	7.11	183.00	10,649.82	-4.39	-0.23	4.40	10.00	10.00	0.00	
10,700.00	12.11	183.00	10,699.10	-12.72	-0.67	12.73	10.00	10.00	0.00	
10,750.00	17.11	183.00	10,747.47	-25.31	-1.33	25.31	10.00	10.00	0.00	
10,800.00	22.11	183.00	10,794.56	-42.06	-2.20	42.06	10.00	10.00	0.00	
10,850.00	27.11	183.00	10,840.00	-62.84	-3.29	62.85	10.00	10.00	0.00	
10,900.00	32.11	183.00	10,883.46	-87.50	-4.59	87.51	10.00	10.00	0.00	
10,950.00	37.11	183.00	10,924.60	-115.85	-6.07	115.86	10.00	10.00	0.00	
11,000.00	42.11	183.00	10,963.11	-147.67	-7.74	147.68	10.00	10.00	0.00	
11,050.00	47.11	183.00	10,998.70	-182.73	-9.58	182.74	10.00	10.00	0.00	
11,100.00	52.11	183.00	11,031.09	-220.74	-11.57	220.76	10.00	10.00	0.00	
11,150.00	57.11	183.00	11,060.04	-261.43	-13.70	261.45	10.00	10.00	0.00	
11,200.00	62.11	183.00	11,085.33	-304.49	-15.96	304.51	10.00	10.00	0.00	
11,250.00	67.11	183.00	11,106.76	-349.58	-18.32	349.60	10.00	10.00	0.00	
11,300.00	72.11	183.00	11,124.18	-396.37	-20.77	396.39	10.00	10.00	0.00	
11,350.00	77.11	183.00	11,137.45	-444.49	-23.29	444.52	10.00	10.00	0.00	
11,400.00	82.11	183.00	11,146.47	-493.59	-25.87	493.62	10.00	10.00	0.00	
11,450.00	87.11	183.00	11,151.17	-543.28	-28.47	543.32	10.00	10.00	0.00	
11,478.94	90.00	183.00	11,151.90	-572.17	-29.99	572.21	10.00	10.00	0.00	
Start DLS 2.00, TFO -90.00										
11,500.00	90.00	182.58	11,151.90	-593.21	-31.01	593.25	2.00	0.00	-2.00	
11,600.00	90.00	180.58	11,151.90	-693.16	-33.77	693.21	2.00	0.00	-2.00	
11,604.68	90.00	180.49	11,151.90	-697.84	-33.81	697.88	2.00	0.00	-2.00	
Start 4062.32 hold at 11604.68 MD										
11,648.86	90.00	179.60	11,151.90	-742.02	-33.84	742.07	2.00	0.00	-2.00	
11,700.00	90.00	179.60	11,151.90	-793.16	-33.49	793.20	0.00	0.00	0.00	
11,800.00	90.00	179.60	11,151.90	-893.16	-32.79	893.20	0.00	0.00	0.00	
11,900.00	90.00	179.60	11,151.90	-993.16	-32.10	993.20	0.00	0.00	0.00	
12,000.00	90.00	179.60	11,151.90	-1,093.16	-31.40	1,093.19	0.00	0.00	0.00	
12,100.00	90.00	179.60	11,151.90	-1,193.15	-30.71	1,193.19	0.00	0.00	0.00	
12,200.00	90.00	179.60	11,151.90	-1,293.15	-30.01	1,293.19	0.00	0.00	0.00	
12,300.00	90.00	179.60	11,151.90	-1,393.15	-29.32	1,393.18	0.00	0.00	0.00	
12,400.00	90.00	179.60	11,151.90	-1,493.15	-28.62	1,493.18	0.00	0.00	0.00	
12,500.00	90.00	179.60	11,151.90	-1,593.14	-27.92	1,593.18	0.00	0.00	0.00	
12,600.00	90.00	179.60	11,151.90	-1,693.14	-27.23	1,693.17	0.00	0.00	0.00	
12,700.00	90.00	179.60	11,151.90	-1,793.14	-26.53	1,793.17	0.00	0.00	0.00	
12,800.00	90.00	179.60	11,151.90	-1,893.14	-25.84	1,893.17	0.00	0.00	0.00	
12,900.00	90.00	179.60	11,151.90	-1,993.13	-25.14	1,993.16	0.00	0.00	0.00	
13,000.00	90.00	179.60	11,151.90	-2,093.13	-24.45	2,093.16	0.00	0.00	0.00	
13,100.00	90.00	179.60	11,151.90	-2,193.13	-23.75	2,193.16	0.00	0.00	0.00	
13,200.00	90.00	179.60	11,151.90	-2,293.13	-23.06	2,293.15	0.00	0.00	0.00	
13,300.00	90.00	179.60	11,151.90	-2,393.12	-22.36	2,393.15	0.00	0.00	0.00	
13,400.00	90.00	179.60	11,151.90	-2,493.12	-21.67	2,493.15	0.00	0.00	0.00	
13,500.00	90.00	179.60	11,151.90	-2,593.12	-20.97	2,593.14	0.00	0.00	0.00	
13,600.00	90.00	179.60	11,151.90	-2,693.12	-20.28	2,693.14	0.00	0.00	0.00	
13,700.00	90.00	179.60	11,151.90	-2,793.11	-19.58	2,793.14	0.00	0.00	0.00	
13,800.00	90.00	179.60	11,151.90	-2,893.11	-18.89	2,893.13	0.00	0.00	0.00	
13,900.00	90.00	179.60	11,151.90	-2,993.11	-18.19	2,993.13	0.00	0.00	0.00	
14,000.00	90.00	179.60	11,151.90	-3,093.11	-17.49	3,093.13	0.00	0.00	0.00	
14,100.00	90.00	179.60	11,151.90	-3,193.10	-16.80	3,193.12	0.00	0.00	0.00	
14,200.00	90.00	179.60	11,151.90	-3,293.10	-16.10	3,293.12	0.00	0.00	0.00	
14,300.00	90.00	179.60	11,151.90	-3,393.10	-15.41	3,393.12	0.00	0.00	0.00	

Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well F29F 6H
Company:	OXY	TVD Reference:	KB @ 3715.90usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3715.90usft
Site:	Foxglove 29 Federal 6H	North Reference:	Grid
Well:	F29F 6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Plan #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (/100usft)	Build Rate (/100usft)	Turn Rate (/100usft)	
14,400.00	90.00	179.60	11,151.90	-3,493.10	-14.71	3,493.11	0.00	0.00	0.00	
14,500.00	90.00	179.60	11,151.90	-3,593.10	-14.02	3,593.11	0.00	0.00	0.00	
14,600.00	90.00	179.60	11,151.90	-3,693.09	-13.32	3,693.11	0.00	0.00	0.00	
14,700.00	90.00	179.60	11,151.90	-3,793.09	-12.63	3,793.10	0.00	0.00	0.00	
14,800.00	90.00	179.60	11,151.90	-3,893.09	-11.93	3,893.10	0.00	0.00	0.00	
14,900.00	90.00	179.60	11,151.90	-3,993.09	-11.24	3,993.10	0.00	0.00	0.00	
15,000.00	90.00	179.60	11,151.90	-4,093.08	-10.54	4,093.09	0.00	0.00	0.00	
15,100.00	90.00	179.60	11,151.90	-4,193.08	-9.85	4,193.09	0.00	0.00	0.00	
15,200.00	90.00	179.60	11,151.90	-4,293.08	-9.15	4,293.09	0.00	0.00	0.00	
15,300.00	90.00	179.60	11,151.90	-4,393.08	-8.45	4,393.08	0.00	0.00	0.00	
15,400.00	90.00	179.60	11,151.90	-4,493.07	-7.76	4,493.08	0.00	0.00	0.00	
15,500.00	90.00	179.60	11,151.90	-4,593.07	-7.06	4,593.08	0.00	0.00	0.00	
15,517.41	90.00	179.60	11,151.90	-4,610.48	-6.94	4,610.49	0.00	0.00	0.00	
Exit Point										
15,600.00	90.00	179.60	11,151.90	-4,693.07	-6.37	4,693.07	0.00	0.00	0.00	
15,667.00	90.00	179.60	11,151.90	-4,760.06	-5.90	4,760.07	0.00	0.00	0.00	
TD at 15667.00										
15,667.43	90.00	179.60	11,151.90	-4,760.50	-5.90	4,760.50	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (bearing)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/mis target										
- Shape										
F26F 6H LTP	0.00	0.00	11,151.90	-4,600.50	-5.70	462,468.10	729,501.90	32° 16' 9.332 N	103° 35' 26.962 W	
- plan misses target center by 1.31usft at 15507.44usft MD (11151.90 TVD, -4600.51 N, -7.01 E)										
- Point										
F29F 6H BHL	0.00	0.01	11,151.90	-4,760.50	-5.90	462,308.10	729,501.70	32° 16' 7.749 N	103° 35' 26.978 W	
- plan hits target center										
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N-S (usft)	+E-W (usft)		
10,578.94	10,578.94	0.00	0.00	Start Build 10.00	
11,478.94	11,151.90	-572.17	-29.99	Start DLS 2.00 TFO -90.00	
11,604.68	11,151.90	-697.84	-33.81	Start 4062 32 hold at 11604.68 MD	
15,517.41	11,151.90	-4,610.48	-6.94	Exit Point	
15,667.00	11,151.90	-4,760.06	-5.90	TD at 15667.00	