

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-40888
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pan Head Fee
8. Well Number 4H
9. OGRID Number 229137
10. Pool name or Wildcat Maljamar; Yeso, West 44500

4. Well Location Unit Letter C : 330 feet from the NORTH line and 2320 feet from the WEST line Section 11 Township 17S Range 32E NMPM County EDDY
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4163'

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
COG Operating LLC

3. Address of Operator
One Concho Center - 600 W Illinois Ave Midland, TX 79701

4. Well Location
Unit Letter **C** : **330** feet from the **NORTH** line and **2320** feet from the **WEST** line
Section **11** Township **17S** Range **32E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4163'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Change Casing Program** ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG proposes to drill a 17 1/2" hole to 980' 8.5 ppg, 28 viscosity fresh water mud system. Set 13 3/8" casing and cement to surface. Drill a 12 1/4" hole to 2300' with a 10 ppg, 30 viscosity brine water mud system. Set 9 5/8" casing and cement to surface. Drill an 8 3/4" hole to 5196' MD and kick off and drill an 8 3/4" curve to 6172' MD 5850' TVD. Drill a 7 7/8" lateral to new BHL at 5850' TVD 11,586' MD. COG will run 5 1/2" 17# P110 LTC casing from surface to TD. 5 1/2" casing will be cemented in one stage with 1500 sks cement.

A revised directional plan is attached.

Spud Date:

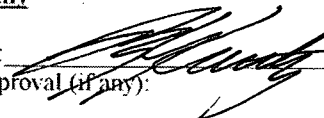
Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Permitting Tech** DATE **11/07/2013**

Type or print name **Kelly J. Holly** E-mail address: **kholly@concho.com** PHONE: **432-685-4384**

For State Use Only

APPROVED BY:  TITLE **Petroleum Engineer** DATE **11/14/13**

Conditions of Approval (if any):

NOV 18 2013

COG OPERATING, LLC

Field: Lea County, NM
Site: Pan Head Fee 4H
Well: 4H
Wellbore: Lateral
Plan: Plan #3



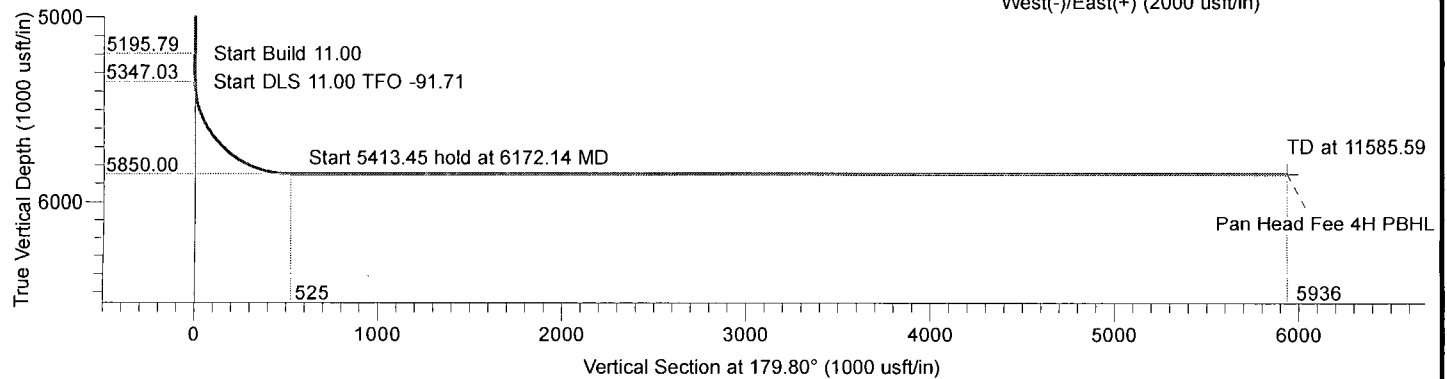
Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.09°

Magnetic Field
Strength: 48732.3snT
Dip Angle: 60.68°
Date: 11/6/2013
Model: IGRF2010

Section Distances

Sec11,T17S,R32E
SHL - Unit C
330.1'FNL, 2320.0'FWL
PP

Sec14,T17S,R32E
PBHL - Unit F
980.0'FNL, 2306.0'FWL



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Pan Head Fee 4H PP	0.00	-0.04	-22.44	675386.56	682907.36	32° 51' 19.09 N	103° 44' 15.75 W	Point
Pan Head Fee 4H SL	0.00	0.00	0.00	675386.60	682929.80	32° 51' 19.09 N	103° 44' 15.49 W	Point
Pan Head Fee 4H PBHL	5850.00	-5936.14	20.50	669450.46	682950.30	32° 50' 20.35 N	103° 44' 15.64 W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5195.79	0.00	0.00	5195.79	0.00	0.00	0.00	0.00	0.00	
3	5349.24	16.88	269.90	5347.03	-0.04	-22.44	11.00	269.90	-0.04	
4	6172.14	90.00	178.11	5850.00	-525.63	-157.75	11.00	-91.71	525.08	
5	11585.59	90.00	178.11	5850.00	-5936.14	20.50	0.00	0.00	5936.18	Pan Head Fee 4H PBHL



ARCHER DIRECTIONAL DRILLING SERVICES
12101 Cutten Rd. Houston, Texas 77066
Phone: 281-301-2600 Fax: 281-301-2795

Design: Plan #3 (4H/Lateral)
Created By: Ivonne Gonzalez
Date: 19:13, November 06 2013

Archer

Planning Report

Database: EDM 5000.1 Single User Db	Local Co-ordinate Reference: Well 4H	
Company: COG OPERATING, LLC	TVD Reference: 4163'GL+17'KB @ 4180.00usft (Planning)	
Project: Lea County, NM	MD Reference: 4163'GL+17'KB @ 4180.00usft (Planning)	
Site: Pan Head Fee 4H	North Reference: Grid	
Well: 4H	Survey Calculation Method: Minimum Curvature	
Wellbore: Lateral		
Design: Plan #3		

Project Lea County, 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	

Site Pan Head Fee 4H			
Site Position:		Northing: 675,386.60 usft	Latitude: 32° 51' 19.09 N
From: Map		Easting: 682,929.80 usft	Longitude: 103° 44' 15.49 W
Position Uncertainty: 0.00 usft		Slot Radius: 13.200 in	Grid Convergence: 0.32 °

Well 4H			
Well Position		Northing: 675,386.60 usft	Latitude: 32° 51' 19.09 N
		Easting: 682,929.80 usft	Longitude: 103° 44' 15.49 W
Position Uncertainty 0.00 usft		Wellhead Elevation:	Ground Level: 4,163.00 usft

Wellbore Lateral				
Magnetics	Model Name	Sample Date	Declination	Dip Angle
			(°)	(°)
	IGRF2010	11/6/2013	7.41	60.68
				Field Strength
				(nT)
				48,732

Design Plan #3				
Audit Notes:				
Version:	Phase: PROTOTYPE	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	179.80

Plan/Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	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	
5,195.79	0.00	0.00	5,195.79	0.00	0.00	0.00	0.00	0.00	0.00	
5,349.24	16.88	269.90	5,347.03	-0.04	-22.44	11.00	11.00	0.00	269.90	
6,172.14	90.00	178.11	5,850.00	-525.63	-157.75	11.00	8.89	-11.15	-91.71	
11,585.59	90.00	178.11	5,850.00	-5,936.14	20.50	0.00	0.00	0.00	0.00	Pan Head Fee 4H PB

Archer

Planning Report

Database: EDM 5000.1 Single User Db
Company: COG OPERATING, LLC
Project: Lea County, NM
Site: Pan Head Fee 4H
Well: 4H
Wellbore: Lateral
Design: Plan #3

Local Co-ordinate Reference: Well 4H
TVD Reference: 4163'GL+17'KB @ 4180.00usft (Planning)
MD Reference: 4163'GL+17'KB @ 4180.00usft (Planning)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned 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
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
5,195.79	0.00	0.00	5,195.79	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.46	269.90	5,200.00	0.00	-0.02	0.00	11.00	11.00	0.00

Archer

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 4H
Company:	COG OPERATING, LLC	TVD Reference:	4163'GL+17'KB @ 4180.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4163'GL+17'KB @ 4180.00usft (Planning)
Site:	Pan Head Fee 4H	North Reference:	Grid
Well:	4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #3		

Planned 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)
5,250.00	5.96	269.90	5,249.90	0.00	-2.82	0.00	11.00	11.00	0.00
5,300.00	11.46	269.90	5,299.31	-0.02	-10.39	-0.02	11.00	11.00	0.00
5,349.24	16.88	269.90	5,347.03	-0.04	-22.44	-0.04	11.00	11.00	0.00
5,400.00	17.59	251.13	5,395.55	-2.53	-37.08	2.41	11.00	1.41	-36.97
5,450.00	19.82	235.39	5,442.93	-9.80	-51.22	9.62	11.00	4.46	-31.49
5,500.00	23.13	223.34	5,489.48	-21.77	-64.95	21.54	11.00	6.62	-24.10
5,550.00	27.13	214.41	5,534.75	-38.33	-78.14	38.06	11.00	7.99	-17.86
5,600.00	31.55	207.71	5,578.34	-59.33	-90.68	59.02	11.00	8.84	-13.39
5,650.00	36.24	202.55	5,619.84	-84.59	-102.44	84.23	11.00	9.38	-10.32
5,700.00	41.11	198.45	5,658.86	-113.85	-113.32	113.45	11.00	9.74	-8.21
5,750.00	46.10	195.08	5,695.06	-146.86	-123.22	146.43	11.00	9.98	-6.73
5,800.00	51.17	192.24	5,728.10	-183.32	-132.04	182.85	11.00	10.14	-5.68
5,850.00	56.30	189.78	5,757.67	-222.88	-139.71	222.39	11.00	10.26	-4.92
5,900.00	61.47	187.60	5,783.50	-265.18	-146.15	264.67	11.00	10.35	-4.36
5,950.00	66.68	185.63	5,805.35	-309.83	-151.31	309.30	11.00	10.41	-3.95
6,000.00	71.91	183.80	5,823.02	-356.43	-155.14	355.88	11.00	10.46	-3.65
6,050.00	77.15	182.08	5,836.36	-404.53	-157.60	403.98	11.00	10.49	-3.44
6,100.00	82.41	180.43	5,845.22	-453.71	-158.68	453.15	11.00	10.51	-3.30
6,150.00	87.67	178.82	5,849.55	-503.50	-158.35	502.94	11.00	10.52	-3.22
6,172.14	90.00	178.11	5,850.00	-525.63	-157.75	525.08	11.00	10.53	-3.19
6,200.00	90.00	178.11	5,850.00	-553.47	-156.84	552.92	0.00	0.00	0.00
6,300.00	90.00	178.11	5,850.00	-653.42	-153.54	652.88	0.00	0.00	0.00
6,400.00	90.00	178.11	5,850.00	-753.36	-150.25	752.83	0.00	0.00	0.00
6,500.00	90.00	178.11	5,850.00	-853.31	-146.96	852.79	0.00	0.00	0.00
6,600.00	90.00	178.11	5,850.00	-953.25	-143.67	952.75	0.00	0.00	0.00
6,700.00	90.00	178.11	5,850.00	-1,053.20	-140.37	1,052.70	0.00	0.00	0.00
6,800.00	90.00	178.11	5,850.00	-1,153.15	-137.08	1,152.66	0.00	0.00	0.00
6,900.00	90.00	178.11	5,850.00	-1,253.09	-133.79	1,252.62	0.00	0.00	0.00
7,000.00	90.00	178.11	5,850.00	-1,353.04	-130.49	1,352.57	0.00	0.00	0.00
7,100.00	90.00	178.11	5,850.00	-1,452.98	-127.20	1,452.53	0.00	0.00	0.00
7,200.00	90.00	178.11	5,850.00	-1,552.93	-123.91	1,552.49	0.00	0.00	0.00
7,300.00	90.00	178.11	5,850.00	-1,652.87	-120.62	1,652.44	0.00	0.00	0.00
7,400.00	90.00	178.11	5,850.00	-1,752.82	-117.32	1,752.40	0.00	0.00	0.00
7,500.00	90.00	178.11	5,850.00	-1,852.77	-114.03	1,852.36	0.00	0.00	0.00
7,600.00	90.00	178.11	5,850.00	-1,952.71	-110.74	1,952.31	0.00	0.00	0.00
7,700.00	90.00	178.11	5,850.00	-2,052.66	-107.44	2,052.27	0.00	0.00	0.00
7,800.00	90.00	178.11	5,850.00	-2,152.60	-104.15	2,152.23	0.00	0.00	0.00
7,900.00	90.00	178.11	5,850.00	-2,252.55	-100.86	2,252.18	0.00	0.00	0.00
8,000.00	90.00	178.11	5,850.00	-2,352.50	-97.57	2,352.14	0.00	0.00	0.00
8,100.00	90.00	178.11	5,850.00	-2,452.44	-94.27	2,452.10	0.00	0.00	0.00
8,200.00	90.00	178.11	5,850.00	-2,552.39	-90.98	2,552.05	0.00	0.00	0.00
8,300.00	90.00	178.11	5,850.00	-2,652.33	-87.69	2,652.01	0.00	0.00	0.00
8,400.00	90.00	178.11	5,850.00	-2,752.28	-84.39	2,751.97	0.00	0.00	0.00
8,500.00	90.00	178.11	5,850.00	-2,852.22	-81.10	2,851.92	0.00	0.00	0.00
8,600.00	90.00	178.11	5,850.00	-2,952.17	-77.81	2,951.88	0.00	0.00	0.00
8,700.00	90.00	178.11	5,850.00	-3,052.12	-74.52	3,051.84	0.00	0.00	0.00
8,800.00	90.00	178.11	5,850.00	-3,152.06	-71.22	3,151.79	0.00	0.00	0.00
8,900.00	90.00	178.11	5,850.00	-3,252.01	-67.93	3,251.75	0.00	0.00	0.00
9,000.00	90.00	178.11	5,850.00	-3,351.95	-64.64	3,351.71	0.00	0.00	0.00
9,100.00	90.00	178.11	5,850.00	-3,451.90	-61.35	3,451.66	0.00	0.00	0.00
9,200.00	90.00	178.11	5,850.00	-3,551.84	-58.05	3,551.62	0.00	0.00	0.00
9,300.00	90.00	178.11	5,850.00	-3,651.79	-54.76	3,651.58	0.00	0.00	0.00
9,400.00	90.00	178.11	5,850.00	-3,751.74	-51.47	3,751.53	0.00	0.00	0.00
9,500.00	90.00	178.11	5,850.00	-3,851.68	-48.17	3,851.49	0.00	0.00	0.00

Archer

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 4H
Company:	COG OPERATING, LLC	TVD Reference:	4163'GL+17'KB @ 4180.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4163'GL+17'KB @ 4180.00usft (Planning)
Site:	Pan Head Fee 4H	North Reference:	Grid
Well:	4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #3		

Planned 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)
9,600.00	90.00	178.11	5,850.00	-3,951.63	-44.88	3,951.45	0.00	0.00	0.00
9,700.00	90.00	178.11	5,850.00	-4,051.57	-41.59	4,051.40	0.00	0.00	0.00
9,800.00	90.00	178.11	5,850.00	-4,151.52	-38.30	4,151.36	0.00	0.00	0.00
9,900.00	90.00	178.11	5,850.00	-4,251.46	-35.00	4,251.32	0.00	0.00	0.00
10,000.00	90.00	178.11	5,850.00	-4,351.41	-31.71	4,351.27	0.00	0.00	0.00
10,100.00	90.00	178.11	5,850.00	-4,451.36	-28.42	4,451.23	0.00	0.00	0.00
10,200.00	90.00	178.11	5,850.00	-4,551.30	-25.12	4,551.19	0.00	0.00	0.00
10,300.00	90.00	178.11	5,850.00	-4,651.25	-21.83	4,651.14	0.00	0.00	0.00
10,400.00	90.00	178.11	5,850.00	-4,751.19	-18.54	4,751.10	0.00	0.00	0.00
10,500.00	90.00	178.11	5,850.00	-4,851.14	-15.25	4,851.06	0.00	0.00	0.00
10,600.00	90.00	178.11	5,850.00	-4,951.09	-11.95	4,951.01	0.00	0.00	0.00
10,700.00	90.00	178.11	5,850.00	-5,051.03	-8.66	5,050.97	0.00	0.00	0.00
10,800.00	90.00	178.11	5,850.00	-5,150.98	-5.37	5,150.93	0.00	0.00	0.00
10,900.00	90.00	178.11	5,850.00	-5,250.92	-2.07	5,250.88	0.00	0.00	0.00
11,000.00	90.00	178.11	5,850.00	-5,350.87	1.22	5,350.84	0.00	0.00	0.00
11,100.00	90.00	178.11	5,850.00	-5,450.81	4.51	5,450.80	0.00	0.00	0.00
11,200.00	90.00	178.11	5,850.00	-5,550.76	7.80	5,550.75	0.00	0.00	0.00
11,300.00	90.00	178.11	5,850.00	-5,650.71	11.10	5,650.71	0.00	0.00	0.00
11,400.00	90.00	178.11	5,850.00	-5,750.65	14.39	5,750.67	0.00	0.00	0.00
11,500.00	90.00	178.11	5,850.00	-5,850.60	17.68	5,850.62	0.00	0.00	0.00
11,585.59	90.00	178.11	5,850.00	-5,936.14	20.50	5,936.18	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Pan Head Fee 4H PP	0.00	0.00	0.00	-0.04	-22.44	675,386.56	682,907.36	32° 51' 19.09 N	103° 44' 15.75 W
- plan misses target center by 22.44usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
Pan Head Fee 4H SL	0.00	0.00	0.00	0.00	0.00	675,386.60	682,929.80	32° 51' 19.09 N	103° 44' 15.49 W
- plan hits target center									
- Point									
Pan Head Fee 4H PBHL	0.00	0.01	5,850.00	-5,936.14	20.50	669,450.46	682,950.30	32° 50' 20.35 N	103° 44' 15.64 W
- plan hits target center									
- Point									