

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

5. Lease Serial No.
NMNM0315713

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BRANEX-COG FEDERAL COM 8H

9. API Well No.
30-025-41007-00-X1

10. Field and Pool, or Exploratory
MALJAMAR

11. County or Parish, and State
LEA COUNTY, NM

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

2. Name of Operator
COG OPERATING LLC

Contact: KELLY J HOLLY
E-Mail: kholly@conchoresources.com

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)
Ph: 432-685-4384

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T17S R32E SWSW 330FSL 330FWL

HOBBS GCD
AUG 18 2014
RECEIVED

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.)

COG Operating LLC respectfully requests permission to change the TVD:

FROM: 6578' TVD; 11070' MD
TO: 5728' TVD; 10201' MD

A revised directional plan is attached for your review.

Original COAs still stand

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #251487 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER MASON on 08/14/2014 (14JAM0082SE)

Name (Printed/Typed) KELLY J HOLLY Title PERMITTING TECH

Signature (Electronic Submission) Date 07/02/2014

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title *KJ* Date *AUG 14 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 *BUREAU OF LAND MANAGEMENT*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and with intent 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 ****

AUG 20 2014

COG OPERATING, LLC

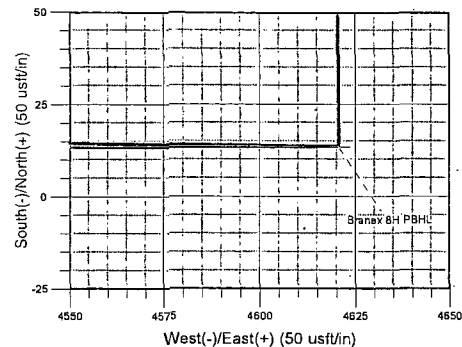
Field: Lea County, NM
Site: Branex-COG Federal Com 8H
Well: 8H
Wellbore: Lateral
Plan: Plan #1

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dlog	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5279.21	0.00	0.00	5279.21	0.00	0.00	0.00	0.00	0.00	
3	6106.48	91.00	84.09	5800.00	54.57	527.14	11.00	84.09	527.30	
4	6328.66	91.00	90.76	5796.11	64.55	748.93	3.00	89.90	749.12	
5	10201.36	91.00	90.76	5728.19	13.45	4620.70	0.00	0.00	4620.72	Branex 8H PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Branex 8H Surface	0.00	0.00	0.00	670731.00	670413.90	32° 50' 33.70 N	103° 46' 42.49 W	Point
Branex 8H PBHL	5728.19	13.45	4620.70	670744.45	675034.60	32° 50' 33.59 N	103° 45' 48.33 W	Point



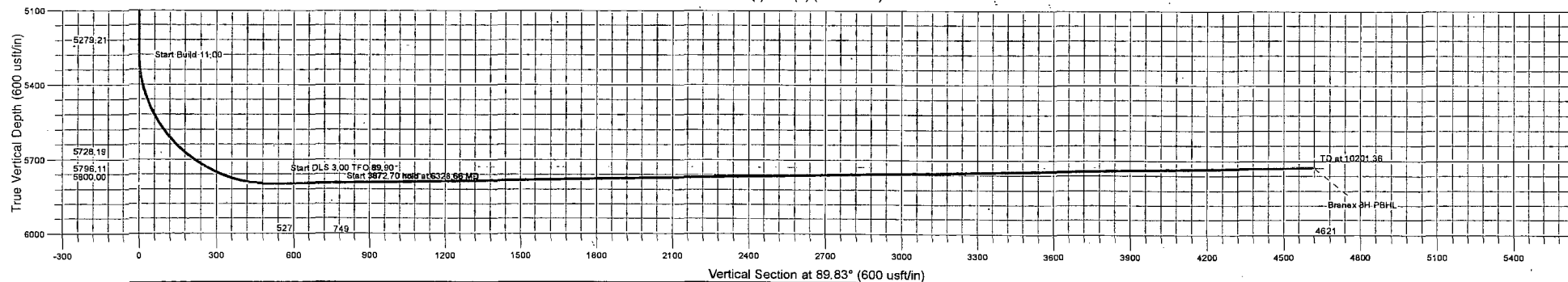
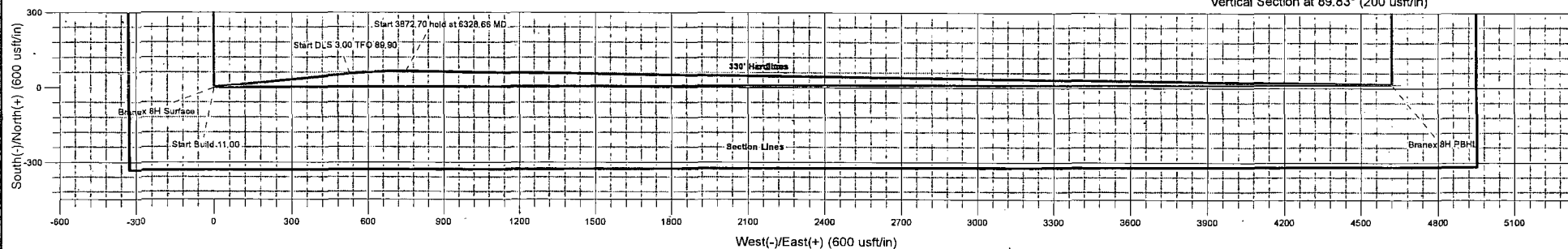
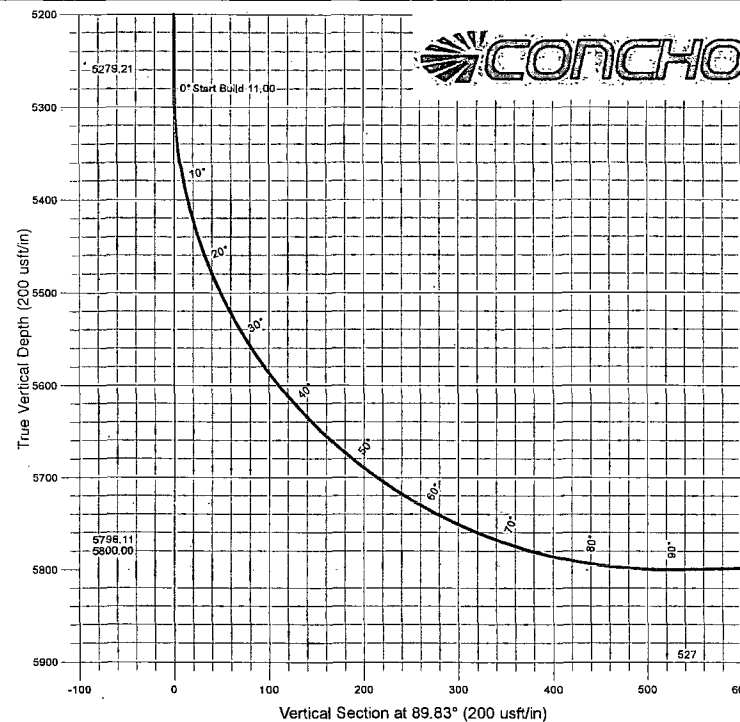
Section Distances

Sec9, T17S, R32E
SHL - Unit M
330°FSL, 330°FWL
PBHL - Unit P
330°FSL, 330°FEL



Azimuths to Grid North
True North: -0.30°
Magnetic North: 7.07°

Magnetic Field
Strength: 48669.1snT
Dip Angle: 60.65°
Date: 5/14/2014
Model: IGRF2010



Archer

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

Design: Plan #1 (8H/Lateral)
Created By: Ivonne Gonzalez
Date: 12:27, May 14 2014

COG OPERATING, LLC

Lea County, NM

Branex-COG Federal Com 8H

8H

Lateral

Plan: Plan #1

Standard Planning Report

14 May, 2014

Section Distances

Sec9,T17S,R32E

SHL - Unit M

330'FSL, 330'FWL

PBHL - Unit P

330'FSL, 330'FEL

Archer

Planning Report

Database:	EDM:R5000.1 MULTI	Local Co-ordinate Reference:	Well: 8H
Company:	COG OPERATING, LLC	TVD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Site:	Branex-COG Federal Com 8H	North Reference:	Grid
Well:	8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #1		

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: Branex-COG Federal Com 8H					
Site Position:		Northings:	670,731.00 usft	Latitude:	32° 50' 33.70 N
From:	Map	Easting:	670,413.90 usft	Longitude:	103° 46' 42.49 W
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.30 °

Well	8H					
Well Position	+N/-S	0.00 usft	Northings:	670,731.00 usft	Latitude:	32° 50' 33.70 N
	+E/-W	0.00 usft	Easting:	670,413.90 usft	Longitude:	103° 46' 42.49 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	4,055.00 usft

Wellbore	Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/14/2014	7.37	60.65	48,669

Design:	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	89.83

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	
5,279.21	0.00	0.00	5,279.21	0.00	0.00	0.00	0.00	0.00	0.00	
6,106.48	91.00	84.09	5,800.00	54.57	527.14	11.00	11.00	0.00	84.09	
6,328.66	91.00	90.76	5,796.11	64.55	748.93	3.00	0.00	3.00	89.90	
10,201.36	91.00	90.76	5,728.19	13.45	4,620.70	0.00	0.00	0.00	0.00	Branex 8H PBHL

Archer

Planning Report

Database:	EDM R5000.1 MULTI	Local Co-ordinate Reference:	Well 8H
Company:	COG OPERATING, LLC	TVD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Site:	Branex-COG Federal Com 8H	North Reference:	Grid
Well:	8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #1		

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
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,279.21	0.00	0.00	5,279.21	0.00	0.00	0.00	0.00	0.00	0.00

Archer

Planning Report

Database:	EDMR5000.1 MULTI	Local Co-ordinate Reference:	Well: 8H
Company:	COG OPERATING, LLC	TVD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Site:	Branex-COG Federal Com 8H	North Reference:	Grid
Well:	8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #1		

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)
Start Build 11.00									
5,300.00	2.29	84.09	5,299.99	0.04	0.41	0.41	11.00	11.00	0.00
5,350.00	7.79	84.09	5,349.78	0.49	4.78	4.78	11.00	11.00	0.00
5,400.00	13.29	84.09	5,398.92	1.44	13.87	13.87	11.00	11.00	0.00
5,450.00	18.79	84.09	5,446.96	2.86	27.60	27.61	11.00	11.00	0.00
5,500.00	24.29	84.09	5,493.45	4.75	45.85	45.87	11.00	11.00	0.00
5,550.00	29.79	84.09	5,537.97	7.09	68.45	68.47	11.00	11.00	0.00
5,600.00	35.29	84.09	5,580.10	9.85	95.19	95.22	11.00	11.00	0.00
5,650.00	40.79	84.09	5,619.47	13.02	125.82	125.86	11.00	11.00	0.00
5,700.00	46.29	84.09	5,655.70	16.57	160.07	160.12	11.00	11.00	0.00
5,750.00	51.79	84.09	5,688.47	20.46	197.61	197.67	11.00	11.00	0.00
5,800.00	57.29	84.09	5,717.46	24.65	238.10	238.17	11.00	11.00	0.00
5,850.00	62.79	84.09	5,742.43	29.11	281.17	281.26	11.00	11.00	0.00
5,900.00	68.29	84.09	5,763.12	33.79	326.43	326.52	11.00	11.00	0.00
5,950.00	73.79	84.09	5,779.37	38.66	373.44	373.56	11.00	11.00	0.00
6,000.00	79.29	84.09	5,791.00	43.66	421.79	421.92	11.00	11.00	0.00
6,050.00	84.79	84.09	5,797.93	48.76	471.03	471.17	11.00	11.00	0.00
6,100.00	90.29	84.09	5,800.07	53.90	520.70	520.85	11.00	11.00	0.00
6,106.48	91.00	84.09	5,800.00	54.57	527.14	527.30	11.00	11.00	0.00
Start DLS 3.00 TFO 89.90									
6,200.00	91.00	86.90	5,798.37	61.91	620.35	620.53	3.00	0.00	3.00
6,300.00	91.01	89.90	5,796.61	64.71	720.28	720.47	3.00	0.00	3.00
6,328.66	91.00	90.76	5,796.11	64.55	748.93	749.12	3.00	0.00	3.00
Start 3872.70 hold at 6328.66 MD									
6,400.00	91.00	90.76	5,794.86	63.61	820.26	820.45	0.00	0.00	0.00
6,500.00	91.00	90.76	5,793.11	62.29	920.24	920.42	0.00	0.00	0.00
6,600.00	91.00	90.76	5,791.35	60.97	1,020.21	1,020.39	0.00	0.00	0.00
6,700.00	91.00	90.76	5,789.60	59.65	1,120.19	1,120.36	0.00	0.00	0.00
6,800.00	91.00	90.76	5,787.84	58.33	1,220.16	1,220.33	0.00	0.00	0.00
6,900.00	91.00	90.76	5,786.09	57.01	1,320.14	1,320.30	0.00	0.00	0.00
7,000.00	91.00	90.76	5,784.34	55.69	1,420.12	1,420.28	0.00	0.00	0.00
7,100.00	91.00	90.76	5,782.58	54.37	1,520.09	1,520.25	0.00	0.00	0.00
7,200.00	91.00	90.76	5,780.83	53.05	1,620.07	1,620.22	0.00	0.00	0.00
7,300.00	91.00	90.76	5,779.07	51.73	1,720.04	1,720.19	0.00	0.00	0.00
7,400.00	91.00	90.76	5,777.32	50.41	1,820.02	1,820.16	0.00	0.00	0.00
7,500.00	91.00	90.76	5,775.57	49.09	1,920.00	1,920.13	0.00	0.00	0.00
7,600.00	91.00	90.76	5,773.81	47.77	2,019.97	2,020.10	0.00	0.00	0.00
7,700.00	91.00	90.76	5,772.06	46.45	2,119.95	2,120.08	0.00	0.00	0.00
7,800.00	91.00	90.76	5,770.31	45.13	2,219.92	2,220.05	0.00	0.00	0.00
7,900.00	91.00	90.76	5,768.55	43.81	2,319.90	2,320.02	0.00	0.00	0.00
8,000.00	91.00	90.76	5,766.80	42.49	2,419.88	2,419.99	0.00	0.00	0.00
8,100.00	91.00	90.76	5,765.04	41.18	2,519.85	2,519.96	0.00	0.00	0.00
8,200.00	91.00	90.76	5,763.29	39.86	2,619.83	2,619.93	0.00	0.00	0.00
8,300.00	91.00	90.76	5,761.54	38.54	2,719.80	2,719.91	0.00	0.00	0.00
8,400.00	91.00	90.76	5,759.78	37.22	2,819.78	2,819.88	0.00	0.00	0.00
8,500.00	91.00	90.76	5,758.03	35.90	2,919.75	2,919.85	0.00	0.00	0.00
8,600.00	91.00	90.76	5,756.27	34.58	3,019.73	3,019.82	0.00	0.00	0.00
8,700.00	91.00	90.76	5,754.52	33.26	3,119.71	3,119.79	0.00	0.00	0.00
8,800.00	91.00	90.76	5,752.77	31.94	3,219.68	3,219.76	0.00	0.00	0.00
8,900.00	91.00	90.76	5,751.01	30.62	3,319.66	3,319.73	0.00	0.00	0.00
9,000.00	91.00	90.76	5,749.26	29.30	3,419.63	3,419.71	0.00	0.00	0.00
9,100.00	91.00	90.76	5,747.51	27.98	3,519.61	3,519.68	0.00	0.00	0.00
9,200.00	91.00	90.76	5,745.75	26.66	3,619.59	3,619.65	0.00	0.00	0.00

Archer Planning Report

Database:	EDMR5000.1 MULTI	Local Co-ordinate Reference:	Well: 8H
Company:	COG OPERATING, LLC	TVD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Project:	Lea County, NM	MD Reference:	4055'GL+18'GL @ 4073.00usft (Planning)
Site:	Branex-COG Federal Com 8H	North Reference:	Grid
Well:	8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #1		

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)	
9,300.00	91.00	90.76	5,744.00	25.34	3,719.56	3,719.62	0.00	0.00	0.00	
9,400.00	91.00	90.76	5,742.24	24.02	3,819.54	3,819.59	0.00	0.00	0.00	
9,500.00	91.00	90.76	5,740.49	22.70	3,919.51	3,919.56	0.00	0.00	0.00	
9,600.00	91.00	90.76	5,738.74	21.38	4,019.49	4,019.54	0.00	0.00	0.00	
9,700.00	91.00	90.76	5,736.98	20.06	4,119.47	4,119.51	0.00	0.00	0.00	
9,800.00	91.00	90.76	5,735.23	18.74	4,219.44	4,219.48	0.00	0.00	0.00	
9,900.00	91.00	90.76	5,733.48	17.42	4,319.42	4,319.45	0.00	0.00	0.00	
10,000.00	91.00	90.76	5,731.72	16.10	4,419.39	4,419.42	0.00	0.00	0.00	
10,100.00	91.00	90.76	5,729.97	14.78	4,519.37	4,519.39	0.00	0.00	0.00	
10,201.36	91.00	90.76	5,728.19	13.45	4,620.70	4,620.72	0.00	0.00	0.00	
TD at 10201.36										

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										
Branex 8H Surface	0.00	0.01	0.00	0.00	0.00	670,731.00	670,413.90	32° 50' 33.70 N	103° 46' 42.49 W	
- plan hits target center										
- Point										
Branex 8H PBHL	0.00	0.01	5,728.19	13.45	4,620.70	670,744.45	675,034.59	32° 50' 33.59 N	103° 45' 48.33 W	
- plan hits target center										
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
5,279.21	5,279.21	0.00	0.00	Start Build 11.00	
6,106.48	5,800.00	54.57	527.14	Start DLS 3.00 TFO 89.90	
6,328.66	5,796.11	64.55	748.93	Start 3872.70 hold at 6328.66 MD	
10,201.36	5,728.19	13.45	4,620.70	TD at 10201.36	