

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , 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 and Natural Resources

Form C-103
Jun 19, 2008

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

WELL API NO 30-045-35353
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No
7. Lease Name or Unit Agreement Name Elliott Gas Com H
8 Well Number 1C
9. OGRID Number 217817
10 Pool name or Wildcat Blanco MV/Basin DK/Basin MC

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
ConocoPhillips Company

3 Address of Operator
P O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter **J** : **1445** feet from the **South** line and **1875** feet from the **East** line
Section **26** Township **30N** Range **9W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5788' GR

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 Interm Casing set depth ☒

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 1103. For Multiple Completions Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips requests permission to change the Intermediate Casing setting depth from the original APD approved depth of 3,521' to 3,900' (+/-). The surface casing was set @ 349' so our kick off point now needs to be @ 420' to drill the Intermediate section Attached is an updated Project Proposal and Directional Drill Plan

RCUD AUG 30 '12
OIL CONS. DIV.
DIST. 3

Spud Date:

8/16/12

Rig Released Date.

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

SIGNATURE Denise Journey TITLE Regulatory Technician DATE 8/27/12

Type or print name Denise Journey E-mail address. Denise.Journey@conocophillips.com PHONE: 505-326-9556

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE _____

Conditions of Approval (if any)

SEE follow up sundry dated Received 9-7-12

P.



RCVD AUG 30 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM West)
SEC 26-T30N-R9W
Elliot Gas Com H 1C

OH

Plan: Plan 1

Standard Planning Report

24 August, 2012



Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Elliot Gas Com H 1C
Company:	ConocoPhillips	TVD Reference:	GL 5788' & KB 15' @ 5803.0ft (AWS 711)
Project:	SJB (NM West)	MD Reference:	GL 5788' & KB 15' @ 5803.0ft (AWS 711)
Site:	SEC 26-T30N-R9W	North Reference:	True
Well:	Elliot Gas Com H 1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Project	SJB (NM West), San Juan County, New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	SEC 26-T30N-R9W		
Site Position:		Northing:	2,102,778.53 ft
From:	Lat/Long	Easting:	525,254.18 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 46' 43.938 N
		Longitude:	107° 44' 49.560 W
		Grid Convergence:	0.05 °

Well	Elliot Gas Com H 1C, 1445' FSL 1875' FEL		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 46' 43.938 N
		Longitude:	107° 44' 49.560 W
		Ground Level:	5,788.0 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2011	2012/08/24	9.75
			Dip Angle
			(°)
			63.46
			Field Strength
			(nT)
			50,601

Design	Plan 1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			(°)
			67.80

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
420.0	0.00	0.00	420.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,277.0	25.71	67.80	1,248.5	71.4	175.0	3.00	3.00	0.00	67.80	
3,300.3	25.71	67.80	3,071.5	403.1	987.7	0.00	0.00	0.00	0.00	
4,157.2	0.00	0.00	3,900.0	474.5	1,162.7	3.00	-3.00	0.00	180.00	Elliot 1C ICP
7,351.2	0.00	0.00	7,094.0	474.5	1,162.7	0.00	0.00	0.00	0.00	Elliot 1C PCP

Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Elliot Gas Com H 1C
Company:	ConocoPhillips	TVD Reference:	GL 5788' & KB 15' @ 5803 0ft (AWS 711)
Project:	SJB (NM West)	MD Reference:	GL 5788' & KB 15' @ 5803 0ft (AWS 711)
Site:	SEC 26-T30N-R9W	North Reference:	True
Well:	Elliot Gas Com H 1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
15.0	0.00	0.00	15.0	0.0	0.0	0.0	0.00	0.00	0.00	
Nacimiento										
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00	
Surface Casing										
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
420.0	0.00	0.00	420.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	2.40	67.80	500.0	0.6	1.6	1.7	3.00	3.00	0.00	
600.0	5.40	67.80	599.7	3.2	7.8	8.5	3.00	3.00	0.00	
700.0	8.40	67.80	699.0	7.7	19.0	20.5	3.00	3.00	0.00	
800.0	11.40	67.80	797.5	14.2	34.9	37.7	3.00	3.00	0.00	
900.0	14.40	67.80	895.0	22.7	55.6	60.0	3.00	3.00	0.00	
1,000.0	17.40	67.80	991.1	33.0	80.9	87.4	3.00	3.00	0.00	
1,100.0	20.40	67.80	1,085.7	45.3	110.9	119.8	3.00	3.00	0.00	
1,200.0	23.40	67.80	1,178.5	59.4	145.4	157.1	3.00	3.00	0.00	
1,274.2	25.63	67.80	1,246.0	71.0	173.9	187.9	3.00	3.00	0.00	
Ojo Alamo										
1,277.0	25.71	67.80	1,248.5	71.4	175.0	189.1	3.00	3.00	0.00	
1,300.0	25.71	67.80	1,269.3	75.2	184.3	199.1	0.00	0.00	0.00	
1,400.0	25.71	67.80	1,359.4	91.6	224.5	242.4	0.00	0.00	0.00	
1,498.4	25.71	67.80	1,448.0	107.7	264.0	285.1	0.00	0.00	0.00	
Kirtland										
1,500.0	25.71	67.80	1,449.5	108.0	264.6	285.8	0.00	0.00	0.00	
1,600.0	25.71	67.80	1,539.6	124.4	304.8	329.2	0.00	0.00	0.00	
1,700.0	25.71	67.80	1,629.7	140.8	345.0	372.6	0.00	0.00	0.00	
1,800.0	25.71	67.80	1,719.8	157.2	385.1	416.0	0.00	0.00	0.00	
1,900.0	25.71	67.80	1,809.9	173.6	425.3	459.3	0.00	0.00	0.00	
2,000.0	25.71	67.80	1,900.0	190.0	465.4	502.7	0.00	0.00	0.00	
2,058.9	25.71	67.80	1,953.0	199.6	489.1	528.3	0.00	0.00	0.00	
Fruitland										
2,100.0	25.71	67.80	1,990.1	206.4	505.6	546.1	0.00	0.00	0.00	
2,200.0	25.71	67.80	2,080.2	222.7	545.8	589.5	0.00	0.00	0.00	
2,300.0	25.71	67.80	2,170.3	239.1	585.9	632.9	0.00	0.00	0.00	
2,400.0	25.71	67.80	2,260.4	255.5	626.1	676.2	0.00	0.00	0.00	
2,500.0	25.71	67.80	2,350.5	271.9	666.3	719.6	0.00	0.00	0.00	
2,600.0	25.71	67.80	2,440.6	288.3	706.4	763.0	0.00	0.00	0.00	
2,681.5	25.71	67.80	2,514.0	301.7	739.2	798.4	0.00	0.00	0.00	
Pictured Cliffs										
2,700.0	25.71	67.80	2,530.7	304.7	746.6	806.4	0.00	0.00	0.00	
2,792.5	25.71	67.80	2,614.0	319.9	783.7	846.5	0.00	0.00	0.00	
Lewis										
2,800.0	25.71	67.80	2,620.8	321.1	786.8	849.8	0.00	0.00	0.00	
2,900.0	25.71	67.80	2,710.9	337.5	826.9	893.1	0.00	0.00	0.00	
3,000.0	25.71	67.80	2,801.0	353.9	867.1	936.5	0.00	0.00	0.00	
3,100.0	25.71	67.80	2,891.1	370.3	907.3	979.9	0.00	0.00	0.00	
3,200.0	25.71	67.80	2,981.2	386.7	947.4	1,023.3	0.00	0.00	0.00	
3,300.0	25.71	67.80	3,071.3	403.1	987.6	1,066.7	0.00	0.00	0.00	
3,300.3	25.71	67.80	3,071.5	403.1	987.7	1,066.8	0.00	0.00	0.00	
3,400.0	22.72	67.80	3,162.5	418.6	1,025.6	1,107.7	3.00	-3.00	0.00	
3,459.8	20.92	67.80	3,218.0	427.0	1,046.1	1,129.9	3.00	-3.00	0.00	

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Project:	SJB (NM West)	MD Reference:	GL 5788' & KB 15' @ 5803.0ft (AWS 711)
Site:	SEC 26-T30N-R9W	North Reference:	True
Well:	Elliot Gas Com H 1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Huerfanito Bentonite									
3,500.0	19.72	67.80	3,255.7	432.2	1,059.1	1,143.9	3.00	-3.00	0.00
3,600.0	16.72	67.80	3,350.6	444.0	1,088.0	1,175.1	3.00	-3.00	0.00
3,700.0	13.72	67.80	3,447.1	454.0	1,112.3	1,201.4	3.00	-3.00	0.00
3,724.5	12.98	67.80	3,471.0	456.1	1,117.5	1,207.0	3.00	-3.00	0.00
Chacra									
3,800.0	10.72	67.80	3,544.8	462.0	1,131.9	1,222.5	3.00	-3.00	0.00
3,900.0	7.72	67.80	3,643.5	468.0	1,146.7	1,238.5	3.00	-3.00	0.00
4,000.0	4.72	67.80	3,742.9	472.1	1,156.7	1,249.4	3.00	-3.00	0.00
4,100.0	1.72	67.80	3,842.8	474.2	1,161.9	1,255.0	3.00	-3.00	0.00
4,157.2	0.00	0.00	3,900.0	474.5	1,162.7	1,255.8	3.00	-3.00	0.00
Intermediate Casing									
4,200.0	0.00	0.00	3,942.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,300.0	0.00	0.00	4,042.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,364.2	0.00	0.00	4,107.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Massive Cliff House									
4,400.0	0.00	0.00	4,142.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,242.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,547.2	0.00	0.00	4,290.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Menefee									
4,600.0	0.00	0.00	4,342.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,442.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,542.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,642.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
4,929.2	0.00	0.00	4,672.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Point Lookout									
5,000.0	0.00	0.00	4,742.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,100.0	0.00	0.00	4,842.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,200.0	0.00	0.00	4,942.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,042.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,313.2	0.00	0.00	5,056.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Mancos									
5,400.0	0.00	0.00	5,142.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,242.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,342.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,442.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,542.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,642.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,742.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,100.0	0.00	0.00	5,842.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,942.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,230.2	0.00	0.00	5,973.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Upper Gallup									
6,300.0	0.00	0.00	6,042.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,142.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,242.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,342.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,442.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,542.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,642.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
6,965.2	0.00	0.00	6,708.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Greenhorn									
7,000.0	0.00	0.00	6,742.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00

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Site:	SEC 26-T30N-R9W	North Reference:	True
Well:	Elliot Gas Com H 1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,023.2	0.00	0.00	6,766.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Graneros									
7,070.2	0.00	0.00	6,813.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Two Wells									
7,100.0	0.00	0.00	6,842.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
7,177.2	0.00	0.00	6,920.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Paguete									
7,200.0	0.00	0.00	6,942.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
7,219.2	0.00	0.00	6,962.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Upper Cubero									
7,246.2	0.00	0.00	6,989.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Lower Cubero									
7,300.0	0.00	0.00	7,042.8	474.5	1,162.7	1,255.8	0.00	0.00	0.00
7,346.2	0.00	0.00	7,089.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Burro Canyon									
7,351.2	0.00	0.00	7,094.0	474.5	1,162.7	1,255.8	0.00	0.00	0.00
Production Casing									

Design Targets

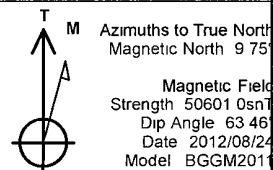
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
Elliot 1C ICP	0.00	0.00	3,900.0	474.5	1,162.7	2,103,254.07	526,416.38	36° 46' 48.630 N	107° 44' 35.268 W
- plan hits target center									
- Circle (radius 100.0)									
Elliot 1C PCP	0.00	0.00	7,094.0	474.5	1,162.7	2,103,254.07	526,416.38	36° 46' 48.630 N	107° 44' 35.268 W
- plan hits target center									
- Circle (radius 100.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
320.0	320.0	Surface Casing	9-5/8	12-1/4
4,157.2	3,900.0	Intermediate Casing	7	8-3/4
7,351.2	7,094.0	Production Casing	4-1/2	6-1/4

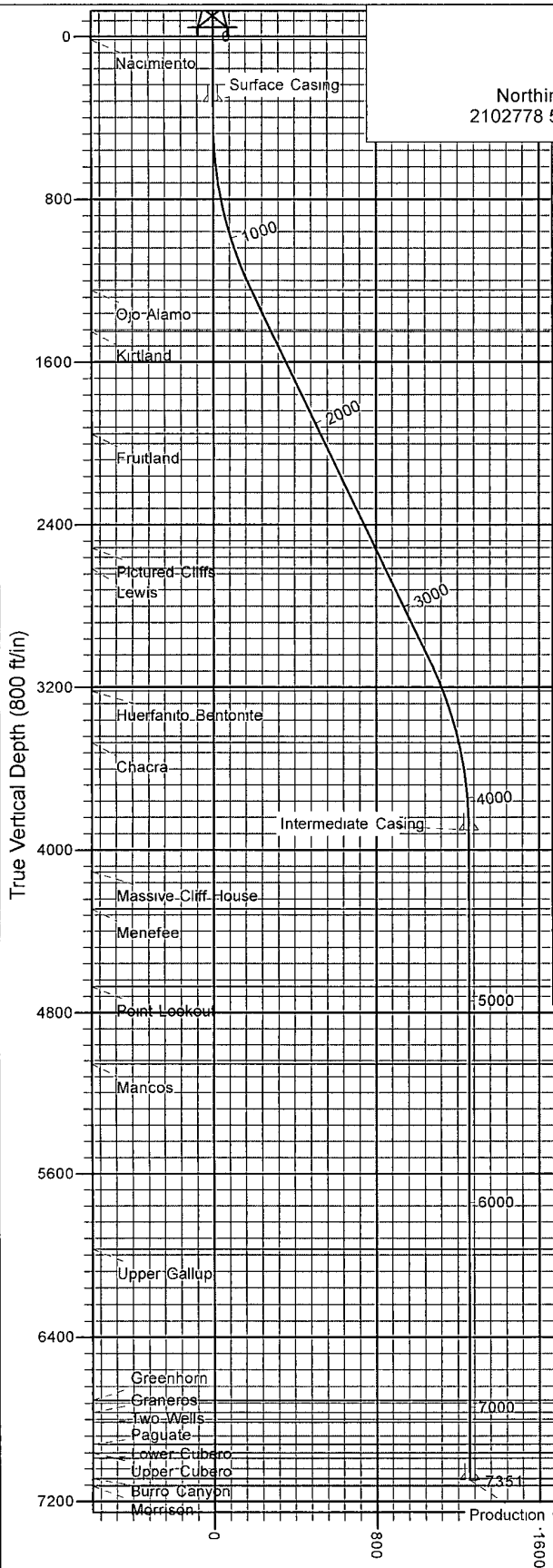
Database	EDM 2003 21 Single User Db	Local Co-ordinate Reference.	Well Elliot Gas Com H 1C
Company	ConocoPhillips	TVD Reference	GL 5788' & KB 15' @ 5803 0ft (AWS 711)
Project	SJB (NM West)	MD Reference.	GL 5788' & KB 15' @ 5803 0ft (AWS 711)
Site	SEC 26-T30N-R9W	North Reference	True
Well	Elliot Gas Com H 1C	Survey Calculation Method	Minimum Curvature
Wellbore	OH		
Design:	Plan 1		

Formations				
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip Direction (°)
15 0	15 0	Nacimiento		0 00
1,274 2	1,246 0	Ojo Alamo		0 00
1,498 4	1,448 0	Kirtland		0 00
2,058 9	1,953 0	Fruitland		0 00
2,681 5	2,514 0	Pictured Cliffs		0 00
2,792 5	2,614 0	Lewis		0 00
3,459 8	3,218 0	Huerfano Bentonite		0 00
3,724 5	3,471 0	Chacra		0 00
4,364 2	4,107 0	Massive Cliff House		0 00
4,547 2	4,290 0	Menefee		0 00
4,929 2	4,672 0	Point Lookout		0 00
5,313 2	5,056 0	Mancos		0 00
6,230 2	5,973 0	Upper Gallup		0 00
6,965 2	6,708 0	Greenhorn		0 00
7,023 2	6,766 0	Graneros		0 00
7,070 2	6,813 0	Two Wells		0 00
7,177 2	6,920 0	Paguate		0 00
7,219 2	6,962 0	Upper Cubero		0 00
7,246 2	6,989 0	Lower Cubero		0 00
7,346 2	7,089 0	Burro Canyon		0 00
	7,125 0	Morrison		0 00

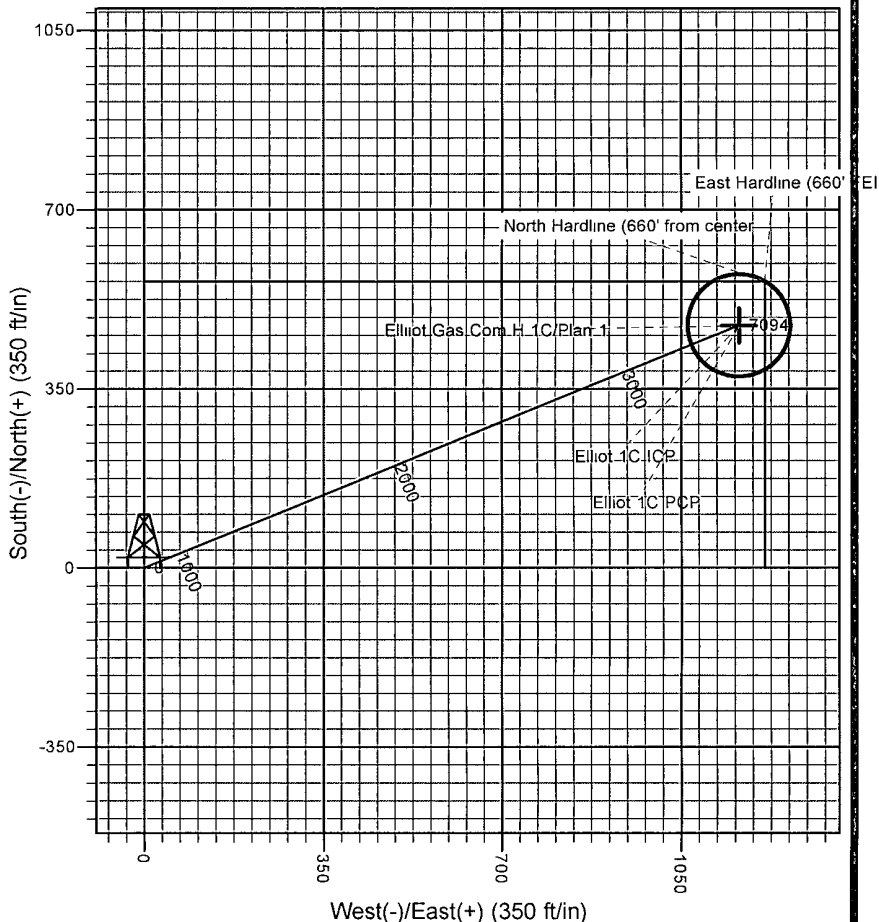


WELL DETAILS: Elliot Gas Com H 1C
 GL 5788' & KB 15' @ 5803.0ft (AWS 711)
 Ground Level: 5788 0

Northing 2102778 53 Easting 525254.18 Latitude 36° 46' 43 938 N Longitude 107° 44' 49 560 W



Vertical Section at 67.80° (800 ft/in)



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0 0	0 00	0 00	0 0	0 0	0 0	0 00	0 00	0 0	
2	420 0	0 00	0 00	420 0	0 0	0 0	0 00	0 00	0 0	
3	1277 0	25 71	67 80	1248 5	71 4	175 0	3 00	67 80	189 1	
4	3300 3	25 71	67 80	3071 5	403 1	987 7	0 00	0 00	1066 8	
5	4157 2	0 00	0 00	3900 0	474 5	1162 7	3 00	180 00	1255 8	Elliot 1C ICP
6	7351 2	0 00	0 00	7094 0	474 5	1162 7	0 00	0 00	1255 8	Elliot 1C PCP

Date: 11.47, August 24 2012

REFERENCE INFORMATION
 Co-ordinate (N/E) Reference: Well Elliot Gas Com H 1C, True North
 Vertical (TVD) Reference: GL 5788' & KB 15' @ 5803.0ft (AWS 711)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 5788' & KB 15' @ 5803.0ft (AWS 711)
 Calculation Method: Minimum Curvature

PROJECT DETAILS: SJB (NM West)
 Geodetic System US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico West 3003
 System Datum: Mean Sea Level

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ELLIOTT GAS COM H 1C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1084				AFE \$: 2,423,637.65	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN		API #: 3004535353
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
RCO085	MANCOS(RCO085)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.778871	Longitude: -107.747101	X:	Y:	Section: 26		Range: 009W	
Footage X: 1875 FEL	Footage Y: 1445 FSL	Elevation: 5788	(FT)	Township: 030N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.780175	Longitude: -107.743130	X:	Y:	Section: 26		Range: 009W	
Footage X: 710 FEL	Footage Y: 1890 FSL	Elevation:	(FT)	Township: 030N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5803 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
NACIMIENTO	15	5788		☐			Ground water in Riddle A 3A 1.4 miles away.
Surface Casing	320	5483		☐		64	12-1/4 hole. 320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1246	4557		☐			
KIRTLAND	1448	4355		☐		88	
FRUITLAND	1953	3850		☐	98		Possible Gas
PICTURED CLIFFS	2514	3289		☐	131	109	
LEWIS	2614	3189		☐			
HUERFANITO BENTONITE	3218	2585		☐			
CHACRA	3471	2332		☐		128	Loss circulation in Lively 25M
Intermediate Casing	3900	1903		☐		111	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 873 cuft. Circulate cement to surface.
MASSIVE CLIFF HOUSE	4107	1696		☐	247		Gas
MENEFEE	4290	1513		☐			
POINT LOOKOUT	4672	1131		☐		151	
MANCOS	5056	747		☐			
UPPER GALLUP	5973	-170		☐			Lost 220 bbls in Lively 25M
GREENHORN	6708	-905		☐		191	
GRANEROS	6766	-963		☐			
TWO WELLS	6813	-1010		☐	2940		Gas
PAGUATE	6920	-1117		☐		195	Gas
UPPER CUBERO	6962	-1159		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ELLIOTT GAS COM H 1C

DEVELOPMENT

LOWER CUBERO	6989	-1186	☐	Gas - Bottom perf ~7074' (~85' below top cbrl) base on offset wells.
BURRO CANYON	7089	-1286	☐	Gas - Wet in Riddle Com 8 (30n9w18) 4.3 miles away.
Total Depth	7094	-1291	☐	198 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC/BTC casing. Cement w/ 421 cuft. Circulate cement a minimum of 100' inside the previous casing string.
MORRISON	7125	-1322	☐	

Reference Wells:		
Reference Type	Well Name	Comments
Production	SANDOVAL GAS COM C 1E	

Logging Program:	
Intermediate Logs:	☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs:	☒ Triple Combo ☐ Dipmeter ☐ RFT ☒ Sonic ☐ VSP ☐ TDT ☒ Other
OH logs: Quad combo, ECS, Percussion cores for Mancos. mud log ~100 above gllp down to td. mudlogger will call td. bottom perf will be ~20' above td.	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - MV/DKNM030N009W26SE2 Elliott Gas Com H 1A, a MV producer, is located in O. Prefer a BHL in I, J, P. Topo could be an issue.

General/Work Description - 2/27/2012 Spinner across all formations, Mancos Sample required if flow back operations allow to pull the sample at very low cost. Yes MV needed - Dryonis Pertuso
INCLUDE MENEFFEE

This well replaces the Pritchard 5P for Mancos testing - OH logs: Quad Combo, ECS, Percussion cores and 2 stg LPT

12/07/11 - 2 Stage Mancos Slickwater and 2 stg LPT- ARM

11-28-11 Pulled subtasks back to add Mancos. HDM

5/12/2011 - Subject to Delhi Taylor Letter Agreement, all subtasks should be prioritized. - RTD

LEWIS INCLUDED

2/16/10-project back in play - replaced template wfp

2/10/10 - Economic as directional (NPV \$289.4M & ROR 19.7%) with 10% offset cap & price.--TLJ

LEWIS INCLUDED; MV PEEP shows that BP is operator.

MV IN LOW PSI AREA

7/30/08-Cancel project per Land - we don't operate the spacing unit wfp (Doc Mgmt)

02/21/2012 No H2S contingency plan required ADG