

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK NOV 28 2012

1a. Type of Work DRILL	5. Lease Number 14-20-603-769 Farmington Field Office Bureau of Land Management Unit Reporting Number CA NMTS 904
1b. Type of Well GAS	6. If Indian, All. or Tribe NAVAJO
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD FEB 5 '13 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name GE-ELE-GU-LITH-E 9. Well Number 2E
4. Location of Well Surface: Unit F(SE/NW), 1442' FNL & 1527' FWL BHL : Unit F(SE/NW), 1432' FNL & 1527' FWL Surface: Latitude: 36.505608° N (NAD83) Longitude: 107.727011° W BHL : Latitude: 36.505607° N (NAD83) Longitude: 107.725990° W	10. Field, Pool, Wildcat BASIN DAKOTA 11. Sec., Twn, Rge, Mer. (NMPM) SUR: Sec. 7, T26N, R8W BHL: Sec. 7, T26N, R8W API # 30-045-35438
14. Distance in Miles from Nearest Town 32.2 from Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1432'	
16. Acres in Lease 159.92	17. Acres Assigned to Well W/2 (320.36)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 53' from BRO&G / Williams # 1/PC	
19. Proposed Depth 6518'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6157' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Mane E. Jaramillo</i> Mane E. Jaramillo (Staff Regulatory Tech)	11/26/12 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY *[Signature]*

TITLE

AFM

DATE

2/4/13

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

This action is subject to technical and procedural review pursuant to 43 CFR 3160.3 and appeal pursuant to 43 CFR 3165.4

Hold C104

for Directional Survey and "As Drilled" plat

NMOC

FEB 15 2013

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Hold C104
for Directional Survey
and "As Drilled" plat

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

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

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT III
1000 Rio Branson Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35438	*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 7043	*Property Name GE-ELE-GU-LITH-E	*Well Number 2E
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6157'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet from the East/West line	County
F	7	26-N	8-W		1442 NORTH	1527 WEST	SAN JUAN

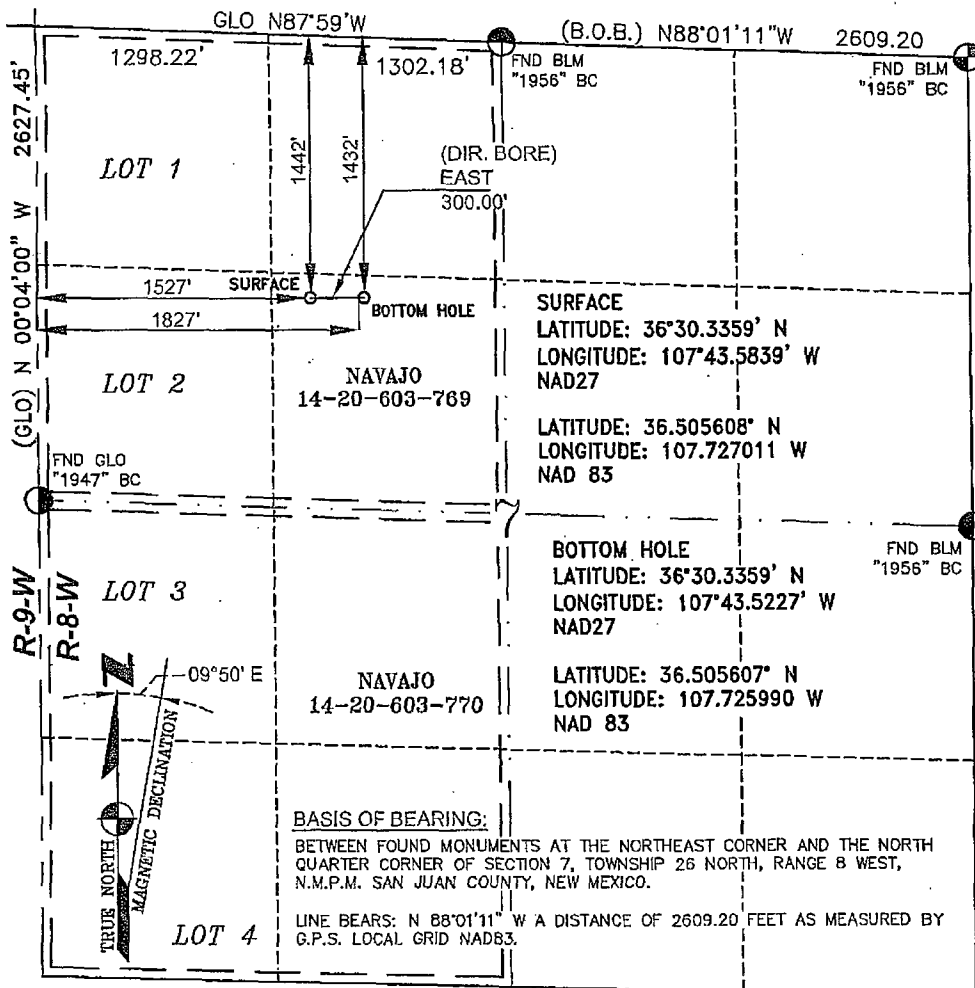
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	26-N	8-W		1432	NORTH	1827	WEST	SAN JUAN

13 Dedicated Acres DK 320.36 ACRES W/2	15 Joint or Infill	16 Consolidation Code	18 Order No. RCVD FEB 12 '13 OIL CONS. DIV.
---	--------------------	-----------------------	---

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 DIST 3

16



17 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 interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Marie E. Jaramillo Date: 12/12/12
 Printed Name Marie E. Jaramillo
 Staff Regulatory Tech.
 E-mail Address _____

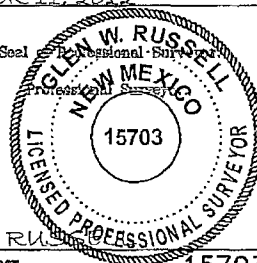
18 SURVEYOR CERTIFICATION

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.

SEPTEMBER 11, 2012

Date of Survey

Signature and Seal



GLEN W. RU
Certificate Number

15703

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

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

¹ API Number 30-045- 35438		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 7043	⁵ Property Name GE-ELE-GU-LITH-E		⁶ Well Number 2E
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6157'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	26-N	8-W		1442	NORTH	1527	WEST	SAN JUAN

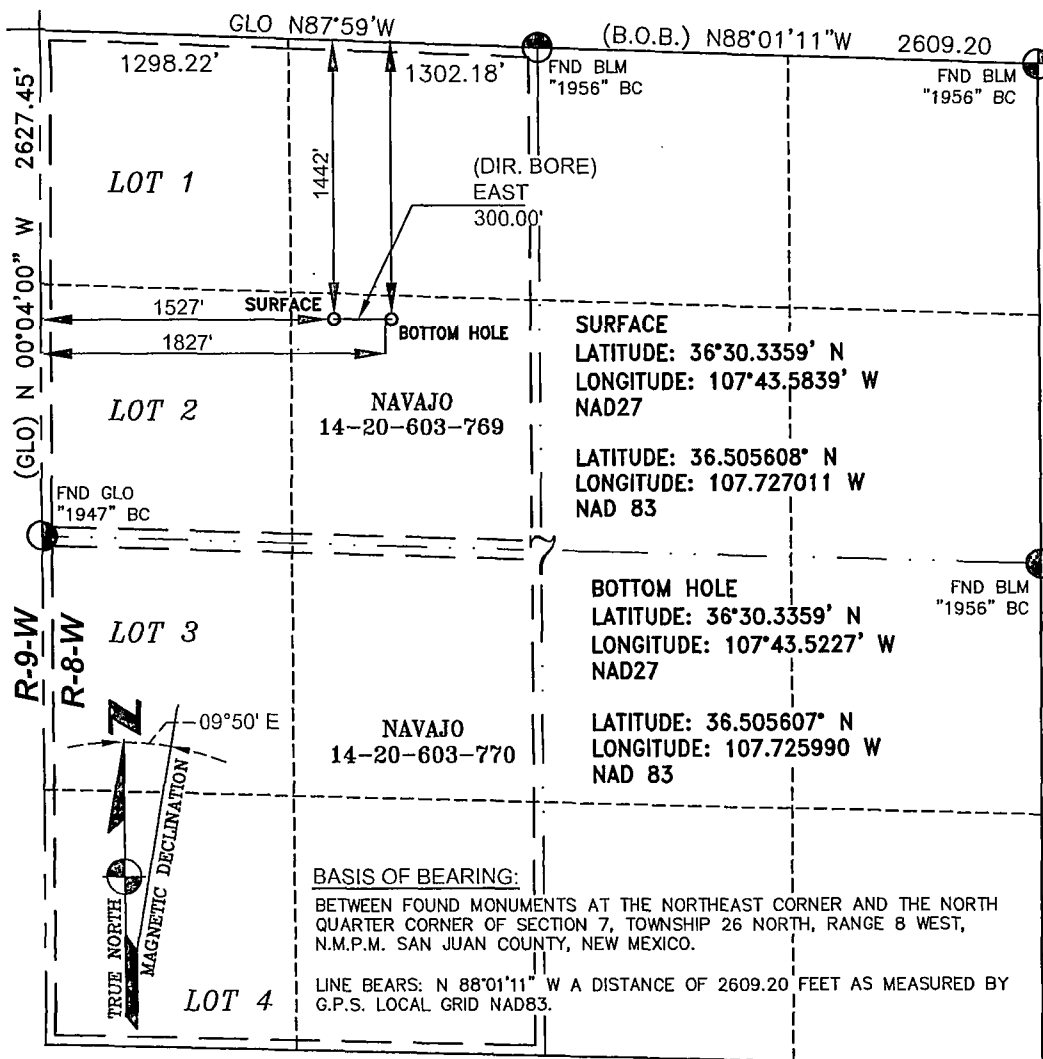
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	26-N	8-W		1432	NORTH	1527	WEST	SAN JUAN

¹³ Dedicated Acres DK 320.36 ACRES W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. <i>1587 MR 1/28/12</i>
--	-------------------------------	----------------------------------	--

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

16



17 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.

Signature: Paul G. Wall Date: 11/26/12

Marie E. Jaramillo 11/26/12

Printed Name
Staff Regulatory Tech.

E-mail Address

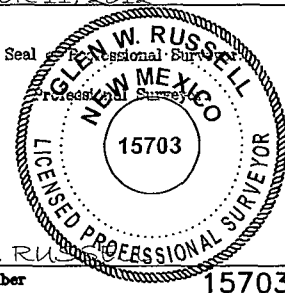
18 SURVEYOR CERTIFICATION

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.

SEPTEMBER 11, 2012

Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RU

Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

GE-ELE-GU-LITH-E 2E

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.5838				AFE \$: 972,412.70	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface		Datum Code: NAD 27				Directional	
Latitude: 36.505602	Longitude: -107.726387	X:	Y:	Section: 07	Range: 008W		
Footage X: 1527 FWL	Footage Y: 1442 FNL	Elevation: 6157	(FT)	Township: 026N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.505597	Longitude: -107.725378	X:	Y:	Section: 07	Range: 008W		
Footage X: 1827 FWL	Footage Y: 1432 FNL	Elevation:	(FT)	Township: 26N			
Tolerance: 1827 MT							
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6172 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5972		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1023	5149		☐			
KIRTLAND	1242	4930		☐			
FRUITLAND	1470	4702		☐			Possible Gas
PICTURED CLIFFS	1901	4271		☐			
LEWIS	2011	4161		☐			
HUERFANITO BENTONITE	2355	3817		☐			
CHACRA	2787	3385		☐			
MASSIVE CLIFF HOUSE	3461	2711		☐	570		Gas; Cliffhouse is wet
MENEFEE	3547	2625		☐			
Intermediate Casing	3697	2475		☐			128 8 3/4" Hole. 7" 20/23 ppf STC/LTC Casing. Cement with 841 cuft. Circulate cement to surface
MASSIVE POINT LOOKOUT	4214	1958		☐			
MANCOS	4536	1636		☐			
UPPER GALLUP	5343	829		☐			
GREENHORN	6190	-18		☐			
GRANEROS	6241	-69		☐			
TWO WELLS	6276	-104		☐	2152		Gas
PAGUATE	6351	-179		☐			
UPPER CUBERO	6418	-246		☐			
LOWER CUBERO	6426	-254		☐			Est. Btm Perf 6503'
ENCINAL	6488	-316		☐			TD - 30' below T/ENCN

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

GE-ELE-GU-LITH-E 2E

DEVELOPMENT

TOTAL DEPTH DK	6518	-346	☐	186	6 1/4" Hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 373 cuft. Circ cement a minimum of 100' inside the previous casing string.
----------------	------	------	--------------------------	-----	---

Reference Wells:

Reference Type	Well Name	Comments
Production	Newsom 9-B	NE07-26N-08W
Production	Ge-ele-gu-lith-e 2	SW07-26N-8W

Logging Program:

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

TD Logs: ☐ Triple Combo ☒ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Cased Hole GR / CBL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Ge-Ele-Gu-Lith-E #2E
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6172.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6172.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Ge-Ele-Gu-Lith-E #2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Design #1		

Project	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	Other Named Wells				
Site Position:		Northing:	2,108,178.26 usft	Latitude:	36° 47' 33.793 N
From:	Lat/Long	Easting:	643,887.63 usft	Longitude:	107° 20' 30.932 W
Position Uncertainty:	15.0 usft	Slot Radius:	6-1/8"	Grid Convergence:	0.29 °

Well	Ge-Ele-Gu-Lith-E #2E					
Well Position	+N-S	0.0 usft	Northing:	2,003,302.70 usft	Latitude:	36° 30' 20.154 N
	+E-W	0.0 usft	Easting:	531,427.66 usft	Longitude:	107° 43' 35.034 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	6,157.0 usft

Wellbore	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2012	8/30/2012	9.70	63.23	50,446

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	89.94

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,215.6	17.91	89.94	1,201.1	0.2	138.9	2.00	2.00	0.00	89.94	
1,437.9	17.91	89.94	1,412.6	0.2	207.2	0.00	0.00	0.00	0.00	
2,035.0	0.00	0.00	2,000.0	0.3	299.8	3.00	-3.00	0.00	180.00	Ge Ele Gu Lith E 2E F
3,732.0	0.00	0.00	3,697.0	0.3	299.8	0.00	0.00	0.00	0.00	Ge Ele Gu Lith E 2E F
6,553.0	0.00	0.00	6,518.0	0.3	299.8	0.00	0.00	0.00	0.00	Ge Ele Gu Lith E 2E F

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Ge-Ele-Gu-Lith-E #2E
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6172.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6172.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Ge-Ele-Gu-Lith-E #2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Design #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)
0.0	0.00	0.00	0.0	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
Surf									
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.60	89.94	400.0	0.0	1.1	1.1	2.00	2.00	0.00
500.0	3.60	89.94	499.9	0.0	5.7	5.7	2.00	2.00	0.00
600.0	5.60	89.94	599.6	0.0	13.7	13.7	2.00	2.00	0.00
700.0	7.60	89.94	698.9	0.0	25.2	25.2	2.00	2.00	0.00
800.0	9.60	89.94	797.8	0.0	40.1	40.1	2.00	2.00	0.00
900.0	11.60	89.94	896.0	0.1	58.5	58.5	2.00	2.00	0.00
1,000.0	13.60	89.94	993.6	0.1	80.3	80.3	2.00	2.00	0.00
1,030.3	14.21	89.94	1,023.0	0.1	87.6	87.6	2.00	2.00	0.00
Ojo Alamo									
1,100.0	15.60	89.94	1,090.4	0.1	105.5	105.5	2.00	2.00	0.00
1,200.0	17.60	89.94	1,186.2	0.1	134.1	134.1	2.00	2.00	0.00
1,215.6	17.91	89.94	1,201.1	0.2	138.9	138.9	2.00	2.00	0.00
1,258.6	17.91	89.94	1,242.0	0.2	152.1	152.1	0.00	0.00	0.00
Kirtland									
1,300.0	17.91	89.94	1,281.4	0.2	164.8	164.8	0.00	0.00	0.00
1,400.0	17.91	89.94	1,376.5	0.2	195.6	195.6	0.00	0.00	0.00
1,437.9	17.91	89.94	1,412.6	0.2	207.2	207.2	0.00	0.00	0.00
1,497.9	16.11	89.94	1,470.0	0.3	224.8	224.8	3.00	-3.00	0.00
Fruitland									
1,500.0	16.05	89.94	1,472.0	0.3	225.4	225.4	3.00	-3.00	0.00
1,600.0	13.05	89.94	1,568.8	0.3	250.5	250.5	3.00	-3.00	0.00
1,700.0	10.05	89.94	1,666.7	0.3	270.5	270.5	3.00	-3.00	0.00
1,800.0	7.05	89.94	1,765.6	0.3	285.4	285.4	3.00	-3.00	0.00
1,900.0	4.05	89.94	1,865.1	0.3	295.0	295.0	3.00	-3.00	0.00
1,935.9	2.97	89.94	1,901.0	0.3	297.2	297.2	3.00	-3.00	0.00
Pictured Cliffs									
2,000.0	1.05	89.94	1,965.0	0.3	299.5	299.5	3.00	-3.00	0.00
2,035.0	0.00	0.00	2,000.0	0.3	299.8	299.8	3.00	-3.00	0.00
Ge Ele Gu Lith E 2E Rev 0 Vert									
2,046.0	0.00	0.00	2,011.0	0.3	299.8	299.8	0.00	0.00	0.00
Lewis									
2,100.0	0.00	0.00	2,065.0	0.3	299.8	299.8	0.00	0.00	0.00
2,200.0	0.00	0.00	2,165.0	0.3	299.8	299.8	0.00	0.00	0.00
2,300.0	0.00	0.00	2,265.0	0.3	299.8	299.8	0.00	0.00	0.00
2,390.0	0.00	0.00	2,355.0	0.3	299.8	299.8	0.00	0.00	0.00
Huerfanito Bentonite									
2,400.0	0.00	0.00	2,365.0	0.3	299.8	299.8	0.00	0.00	0.00
2,500.0	0.00	0.00	2,465.0	0.3	299.8	299.8	0.00	0.00	0.00
2,600.0	0.00	0.00	2,565.0	0.3	299.8	299.8	0.00	0.00	0.00
2,700.0	0.00	0.00	2,665.0	0.3	299.8	299.8	0.00	0.00	0.00
2,800.0	0.00	0.00	2,765.0	0.3	299.8	299.8	0.00	0.00	0.00
2,822.0	0.00	0.00	2,787.0	0.3	299.8	299.8	0.00	0.00	0.00
Chacra									
2,900.0	0.00	0.00	2,865.0	0.3	299.8	299.8	0.00	0.00	0.00
3,000.0	0.00	0.00	2,965.0	0.3	299.8	299.8	0.00	0.00	0.00
3,100.0	0.00	0.00	3,065.0	0.3	299.8	299.8	0.00	0.00	0.00
3,200.0	0.00	0.00	3,165.0	0.3	299.8	299.8	0.00	0.00	0.00
3,300.0	0.00	0.00	3,265.0	0.3	299.8	299.8	0.00	0.00	0.00
3,400.0	0.00	0.00	3,365.0	0.3	299.8	299.8	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJB
 Project: San Juan Basin - New Mexico West Wells
 Site: Other Named Wells
 Well: Ge-Ele-Gu-Lith-E #2E
 Wellbore: Principal Wellbore
 Design: Design #1

Local Co-ordinate Reference: Well Ge-Ele-Gu-Lith-E #2E
 TVD Reference: RKB @ 6172.0usft (Original Well Elev)
 MD Reference: RKB @ 6172.0usft (Original Well Elev)
 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)
3,496.0	0.00	0.00	3,461.0	0.3	299.8	299.8	0.00	0.00	0.00
Mass. Cliffhouse									
3,500.0	0.00	0.00	3,465.0	0.3	299.8	299.8	0.00	0.00	0.00
3,582.0	0.00	0.00	3,547.0	0.3	299.8	299.8	0.00	0.00	0.00
Menefee									
3,600.0	0.00	0.00	3,565.0	0.3	299.8	299.8	0.00	0.00	0.00
3,700.0	0.00	0.00	3,665.0	0.3	299.8	299.8	0.00	0.00	0.00
3,732.0	0.00	0.00	3,697.0	0.3	299.8	299.8	0.00	0.00	0.00
Int - Ge Ele Gu Lith E 2E Rev 0 ICP									
3,800.0	0.00	0.00	3,765.0	0.3	299.8	299.8	0.00	0.00	0.00
3,900.0	0.00	0.00	3,865.0	0.3	299.8	299.8	0.00	0.00	0.00
4,000.0	0.00	0.00	3,965.0	0.3	299.8	299.8	0.00	0.00	0.00
4,100.0	0.00	0.00	4,065.0	0.3	299.8	299.8	0.00	0.00	0.00
4,200.0	0.00	0.00	4,165.0	0.3	299.8	299.8	0.00	0.00	0.00
4,249.0	0.00	0.00	4,214.0	0.3	299.8	299.8	0.00	0.00	0.00
Pt. Lookout									
4,300.0	0.00	0.00	4,265.0	0.3	299.8	299.8	0.00	0.00	0.00
4,400.0	0.00	0.00	4,365.0	0.3	299.8	299.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,465.0	0.3	299.8	299.8	0.00	0.00	0.00
4,571.0	0.00	0.00	4,536.0	0.3	299.8	299.8	0.00	0.00	0.00
Mancos Shale									
4,600.0	0.00	0.00	4,565.0	0.3	299.8	299.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,665.0	0.3	299.8	299.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,765.0	0.3	299.8	299.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,865.0	0.3	299.8	299.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,965.0	0.3	299.8	299.8	0.00	0.00	0.00
5,100.0	0.00	0.00	5,065.0	0.3	299.8	299.8	0.00	0.00	0.00
5,200.0	0.00	0.00	5,165.0	0.3	299.8	299.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,265.0	0.3	299.8	299.8	0.00	0.00	0.00
5,378.0	0.00	0.00	5,343.0	0.3	299.8	299.8	0.00	0.00	0.00
Gallup									
5,400.0	0.00	0.00	5,365.0	0.3	299.8	299.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,465.0	0.3	299.8	299.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,565.0	0.3	299.8	299.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,665.0	0.3	299.8	299.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,765.0	0.3	299.8	299.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,865.0	0.3	299.8	299.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,965.0	0.3	299.8	299.8	0.00	0.00	0.00
6,100.0	0.00	0.00	6,065.0	0.3	299.8	299.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,165.0	0.3	299.8	299.8	0.00	0.00	0.00
6,225.0	0.00	0.00	6,190.0	0.3	299.8	299.8	0.00	0.00	0.00
Greenhorn									
6,276.0	0.00	0.00	6,241.0	0.3	299.8	299.8	0.00	0.00	0.00
Graneros									
6,300.0	0.00	0.00	6,265.0	0.3	299.8	299.8	0.00	0.00	0.00
6,553.0	0.00	0.00	6,518.0	0.3	299.8	299.8	0.00	0.00	0.00
Prod - Ge Ele Gu Lith E 2E Rev 0 PCP									

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Ge-Ele-Gu-Lith-E #2E
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6172.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6172.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Ge-Ele-Gu-Lith-E #2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Design #1		

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Ge Ele Gu Lith E 2E Rev - plan hits target center - Point	0.00	0.00	2,000.0	0.3	299.8	2,003,303.03	531,727.43	36° 30' 20.154 N	107° 43' 31.362 W
Ge Ele Gu Lith E 2E Rev - plan hits target center - Point	0.00	0.00	3,697.0	0.3	299.8	2,003,303.03	531,727.43	36° 30' 20.154 N	107° 43' 31.362 W
Ge Ele Gu Lith E 2E Rev - plan hits target center - Point	0.00	0.00	6,518.0	0.3	299.8	2,003,303.03	531,727.43	36° 30' 20.154 N	107° 43' 31.362 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
200.0	200.0	Surf	9-5/8	12-1/4
3,732.0	3,697.0	Int	7	8-3/4
6,553.0	6,518.0	Prod	4-1/2	6-1/4

Formations

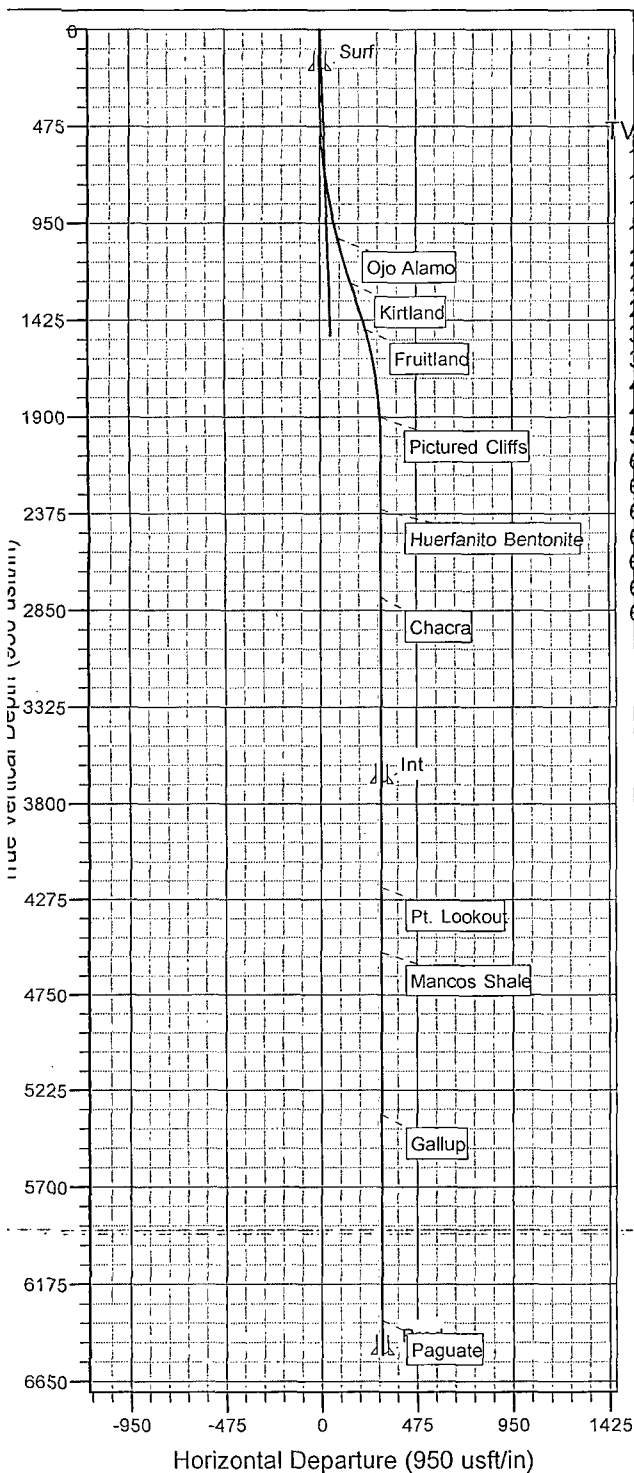
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,453.0	6,418.0	Upper Cubero		0.00	
6,311.0	6,276.0	Two Wells		0.00	
6,225.0	6,190.0	Greenhorn		0.00	
5,378.0	5,343.0	Gallup		0.00	
2,046.0	2,011.0	Lewis		0.00	
4,249.0	4,214.0	Pt. Lookout		0.00	
1,258.6	1,242.0	Kirtland		0.00	
6,276.0	6,241.0	Graneros		0.00	
6,523.0	6,488.0	Encinal		0.00	
1,935.9	1,901.0	Pictured Cliffs		0.00	
2,390.0	2,355.0	Huerfano Bentonite		0.00	
2,822.0	2,787.0	Chacra		0.00	
4,571.0	4,536.0	Mancos Shale		0.00	
3,582.0	3,547.0	Menefee		0.00	
1,030.3	1,023.0	Ojo Alamo		0.00	
3,496.0	3,461.0	Mass. Cliffhouse		0.00	
6,461.0	6,426.0	Lower Cubero		0.00	
1,497.9	1,470.0	Fruitland		0.00	
6,386.0	6,351.0	Paguate		0.00	

KB @ 6172.0usft (Original Well Elev)
 Ground Elevation 6157.0
 Reference Lat: 36° 30' 20.154 N
 Reference Long: 107° 43' 35.034 W

Project: San Juan Basin - New Mexico West V
 Site: Other Named Wells
 Well: Ge-Ele-Gu-Lith-E #2E
 Wellbore: Principal Wellbore
 Design: Design #1

SECTION DETAILS

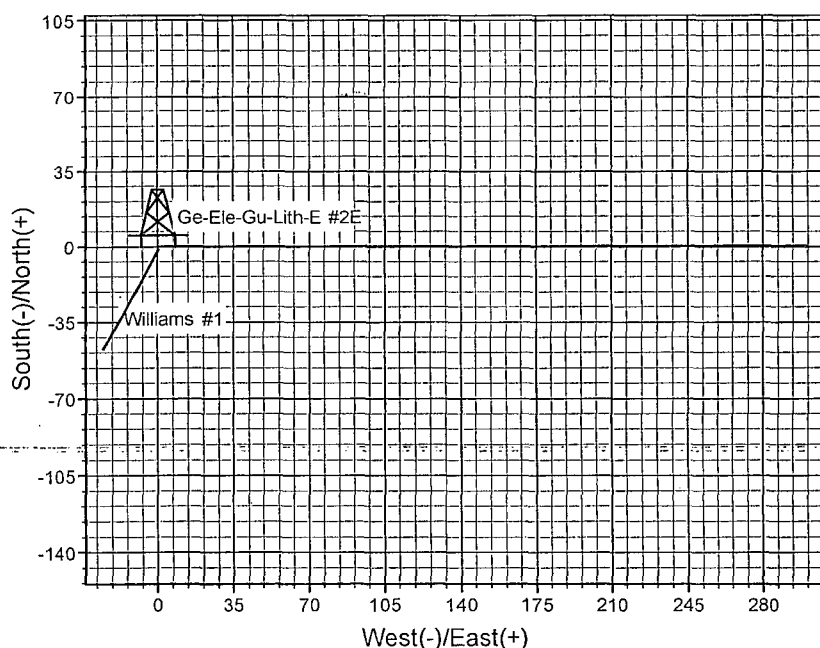
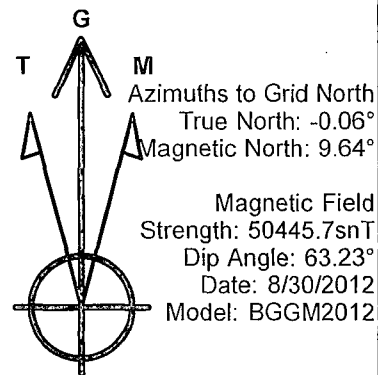
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1215.6	17.91	89.94	1201.1	0.2	138.9	2.00	89.94	138.9	
4	1437.9	17.91	89.94	1412.6	0.2	207.2	0.00	0.00	207.2	
5	2035.0	0.00	0.00	2000.0	0.3	299.8	3.00	180.00	299.8	Ge Ele Gu Lith E 2E Rev 0 Vert
6	3732.0	0.00	0.00	3697.0	0.3	299.8	0.00	0.00	299.8	Ge Ele Gu Lith E 2E Rev 0 ICP
7	6553.0	0.00	0.00	6518.0	0.3	299.8	0.00	0.00	299.8	Ge Ele Gu Lith E 2E Rev 0 PCP



FORMATION TOP DETAILS

FORMATION TOP DETAILS

VDPath	MDPath	Formation	DipAngle
1023.0	1030.3	Ojo Alamo	0.00
1242.0	1258.6	Kirtland	0.00
1470.0	1497.9	Fruitland	0.00
1901.0	1935.9	Pictured Cliffs	0.00
2011.0	2046.0	Lewis	0.00
2355.0	2360.0	Huerfano Bentonite	0.00
2787.0	2822.0	Chacra	0.00
3461.0	3496.0	Mass. Cliffhouse	0.00
3547.0	3582.0	Menefee	0.00
4214.0	4249.0	Pt. Lookout	0.00
4536.0	4571.0	Mancos Shale	0.00
5343.0	5378.0	Gallup	0.00
6190.0	6225.0	Greenhorn	0.00
6241.0	6276.0	Graneros	0.00
6276.0	6311.0	Two Wells	0.00
6351.0	6386.0	Paguate	0.00
6418.0	6453.0	Upper Cubero	0.00
6426.0	6461.0	Lower Cubero	0.00
6488.0	6523.0	Encinal	0.00



Directions from the Intersection of Hwy 550 &
Hwy 64 in Bloomfield, NM

To:

Burlington Resources Oil & Gas Company LP

GE-ELE-GU-LITH-E #2E

1442' FNL & 1527' FWL,

Section 7, T26N, R8W, N.M.P.M.,

San Juan County, New Mexico

Lat: 36° 30' 20.2" N

Long: 107° 43' 57.2" W

NAD 83

Take Hwy 550 (south) for 15.8 miles to CR 7225
Turn left (east) on CR 7225 for 4.5 miles,
Turn right (easterly) 4.2 miles,
Turn right (southerly) 0.1 miles
Turn left (easterly) 2.4 miles
Turn left (northerly) on CR 7007 for 3.9 miles,
Turn right (southeasterly) across Blanco Wash 4.2 miles,
Stay left (easterly) 0.5 miles
Stay right (southerly) 0.3 miles,
Turn right (westerly) 0.5 miles,
Turn left (southerly) 0.7 miles,
Turn right (westerly) 0.7 miles to the farthest west
Location, Williams #1, which the
GE-ELE-GU-LIITH-E #2E is staked on.