

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
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.

SEP 13 2011

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.	2011 NMM30584
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	
8. Well Name and No.	Carracas 13 B 16H
9. API Well No.	30-039-30950
10. Field and Pool, or Exploratory Area	Basin Fruitland Coal
11. County or Parish, State	Rio Arriba NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Energen Resources Corporation3a. Address
2010 Afton Place, Farmington, NM 874013b. Phone No. (include area code)
505-325-68004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 611' ENL, 1059' FEL Sec. 24 T32N R04W (A) NE/NE
BHL: 600' ENL, 1000' FWL Sec. 13 T32N R04W (D) NW/NW

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|--|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| ☒ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

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 recompletable 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 recompletable 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 final site is ready for final inspection.)

Due to formation tops being higher than anticipated, Energen Resources would like to make the following changed to the Carracas 13B #16H:

*Spot two cement plugs as follows to isolate formations and use as a kickoff plug.

Cement plug #1 (plugback): 2720' TVD (3675' MD)-2640' TVD (3264' MD),
Class G cement with 0.20% CFR-3, 0.20% Halad-344 mixed at 16 ppg, 1.07 ft 3/sk - 250 sks (56% excess)
Cement plug #2 (kickoff plug): 2592' TVD (3219' MD)- 2422' TVD (2780' MD)
Class G cement with 3.0% KCl mixed at 16.4 ppg, 1.06 ft 3/sk - 260 sks (50% excess)

*Drill and case the 8 3/4" intermediate section to a new TD of 2682' TVD (3846' MD), no change in original casing string. New cement volume will be 400 sks lead followed by 150 sks tail, no change in slurry composition.

*Drill to a new TD of 2685' TVD (3872' MD), no change in 4 1/2" liner casing string. Attached is revised operations plan and directional plan.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.RCVD SEP 20 '11
OIL CONS. DIV.
DIST. 3SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Nathan Smith

Title Drilling Engineer Supervisor

Signature

Date 9/13/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy L. Salyers

Title Petroleum Engineer
Office FFO

Date 9/14/2011

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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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 representations as to any matter within its jurisdiction.

NMOCD A

9/12/2011



OPERATIONS PLAN-REVISED

WELL NAME.....Carracas 13B #16H
JOB TYPE.....Horizontal OPE FTC
DEPT.....Drilling and Completions
PREPARED BY.....Nathan Smith

GENERAL INFORMATION

Surface Location	611 FNL 1059 FEL
S-T-R	(A) Sec. 24, T32N, R04W
Bottom Hole Location	100 FNL 800 FEL
S-T-R	(A) Sec. 13, T32N, R04W
County, State	Rio Arriba, New Mexico
Elevations	6961' GL
Total Depth	8872' +/- (MD); 2682' (TVD)
Formation Objective	Basin Fruitland Coal

FORMATION TOPS

San Jose	Surface
Nacimiento	1210' (TVD)
Ojo Alamo Ss	2227' (TVD)
Kirtland Sh	2324' (TVD)
Fruitland Fm	2542' (TVD) 3034'MD
Top Target Coal	2670' (TVD) 3450'MD
Base Target Coal	2690' (TVD)
Total Depth	2682' (TVD), 8872' (MD)

DRILLING

Surface: 12-1/4" wellbore will be drilled with a fresh water mud system (spud mud).

Intermediate: 8-3/4" wellbore will be drilled with a LSND mud system. Weighting materials will be drill cuttings and if needed barite. Mud density is expected to range from 9.2 ppg to 10.0 ppg.

Production: 6-1/4" wellbore will be drilled with a fresh water or brine water system depending on reservoir characteristics. Anticipated BHP can be as high as 1100 psi.

Revised KOP is 2482' TVD (2888' MD) with 6.51°/100' doglegs.

Blowout Control Specifications:

A 3000 psi minimum double ram or annulus BOP stack will be used following nipple up of casing head. A 2" nominal, 2000 psi minimum choke manifold will also be used. An upper Kelly Cock valve handle and drill string valve should be available to fit each drill string and be available on the rig floor during drilling operations. **Pressure test BOP to 250 psi for 15 min and 2000 psi for 15 min.**

Logging Program:

Open hole logs: None

Mudlogs: 2542' TVD, 3020' MD to TD

Surveys: Surface to KOP every 500' and a minimum of every 200' for directional.

9/12/2011

CASING, TUBING & CASING EQUIPMENT

String	Start Depth	End Depth	Wellbore	Size	Wt	Grade
Surface	0	200	12-1/4"	9-5/8"	32.3 lb/ft	H-40 ST&C
Intermediate TVD	0 0	3846 2682	8-3/4"	7"	23 lb/ft	J-55 LT&C
Prod. Liner TVD	2682	8872 2682	6-1/4"	4-1/2"	11.6 lb/ft	J-55 LT&C
Tubing	0	3100	none	2-3/8"	4.7 lb/ft	J-55

Surface Casing: Texas Pattern Guide Shoe on bottom of first joint and an insert float valve on top of first joint. Casing centralization with a minimum of 3 standard bow spring centralizers to achieve optimal standoff.

Intermediate Casing: Self fill float shoe with self fill float collar on bottom and top of first joint. Casing centralization with double bow spring and centralizers to optimize standoff.

Production Liner: Bull nose guide shoe on bottom of first joint, H-Latch liner drop off tool on top of last joint.

WELLHEAD

11" 3000 x 9 5/8" weld/slip on casing head. 9 5/8" x 7"x 2 3/8" 3000 psi Flanged Wellhead .

CEMENTING

Surface Casing: 125 sks Type V with 2.0 % CaCl_2 and 1/4 #/sk Flocele (15.6 ppg, 1.18 ft³/sk 148 ft³ of slurry, 100% excess to circulate to surface). WOC 12 hours. Pressure test surface casing to 750 psi for 30 min.

Intermediate Casing: Depending on wellbore conditions, cement may consist of 400 sks 65/35 with 6.0 % Bentonite, 2.0 % CaCl_2 , 10 #/sk Gilsonite, and 1/2 #/sk Flocele (12.3 ppg, 1.93 ft³/sk) and a tail of 150 sks Class G with 1/4 #/sk Flocele (15.6 ppg, 1.18 ft³/sk). (993 ft³ of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 1200 psi for 30 min.

Production Liner: NO CEMENT, Open Hole Completion

Set slips with full string weight

If cement does not circulate, run temperature survey in 8 hrs. to determine TOC.

OTHER INFORMATION

- 1) This well will be an open hole completion lined with an uncemented pre-drilled liner.
- 2) If lost circulation is encountered, sufficient LCM will be added to the mud system to maintain well control. The intermediate string may need to be cemented in multiple stages with a slurry design deviated from that listed above.
- 3) If high reservoir pressures or water flows are encountered slurry design may need to be deviated to from those listed above to satisfy wellbore and formation conditions.
- 4) No abnormal temperatures or pressures are anticipated.
- 5) This gas is dedicated.

Energen Resources

Rio Arriba County

Sec24 T32N-R04W - 13B

Carracas 13B #16

STK

Plan: Design #3

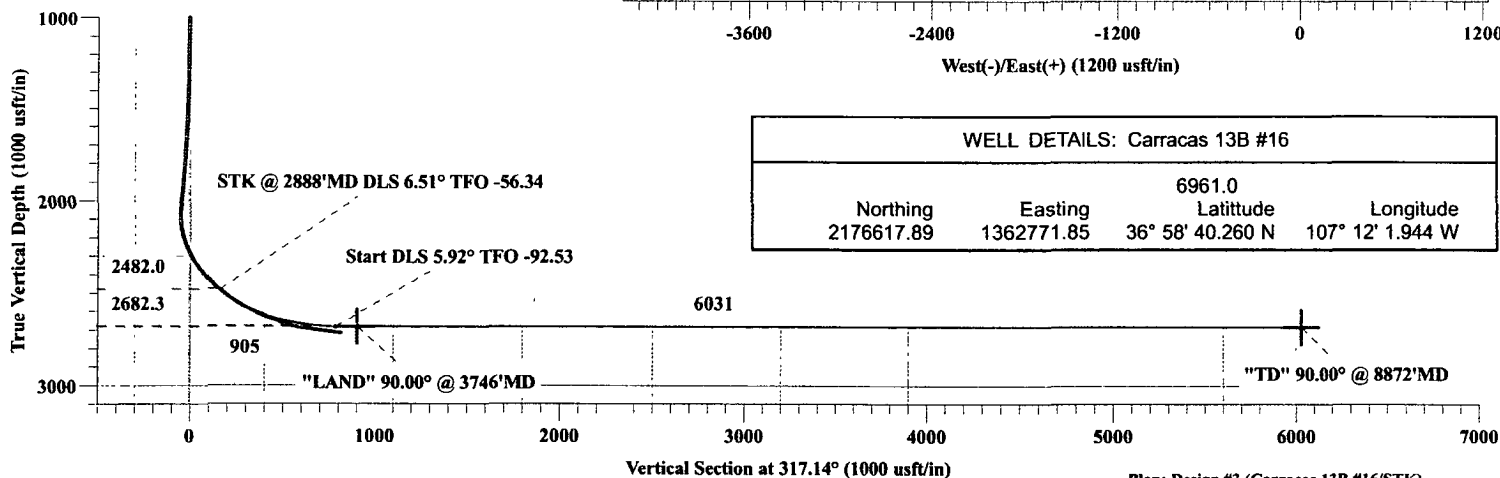
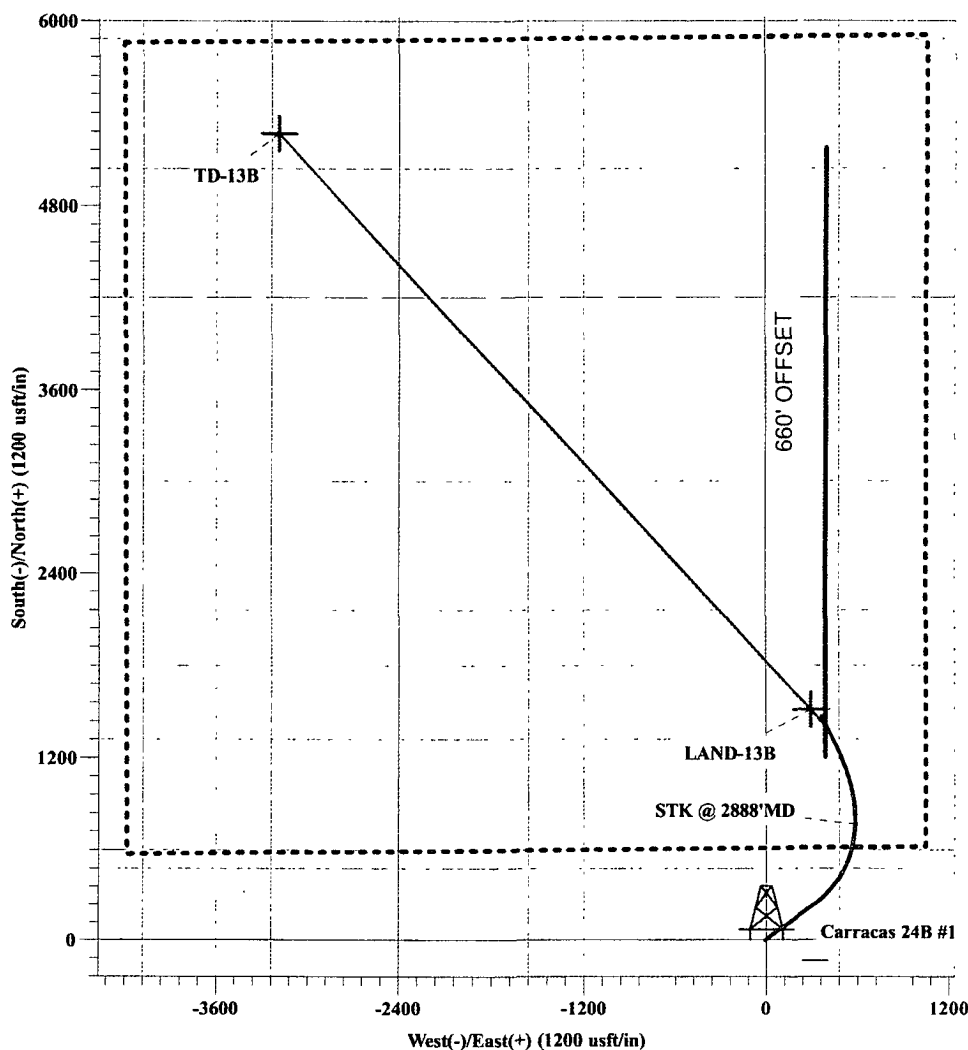
Standard Planning Report

12 September, 2011

Carracas 13B #16
Sec24 T32N-R04W - 13B
Rio Arriba Co. NM
GL: 6961' / KB: 14'

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape Point
LAND-13B	2682.0	1511.0	297.9	2178125.83	1363084.85	
TD-13B	2682.0	5268.6	-3189.3	2181918.06	1359635.31	



WELL DETAILS: Carracas 13B #16

Northing	Easting	Latitude	Longitude
2176617.89	1362771.85	36° 58' 40.260 N	107° 12' 1.944 W

Plan: Design #3 (Carracas 13B #16/STK)

Created By: Frank C. Scardino

Date: 9/12/2011

Planning Report

Database: EDM 5000.1 Single User Db
 Company: Energen Resources
 Project: Rio Arriba County
 Site: Sec24 T32N-R04W - 13B
 Well: Carracas 13B #16
 Wellbore: STK
 Design: Design #3

Local Co-ordinate Reference: Well Carracas 13B #16
 TVD Reference: WELL @ 6975.0usft (Original Well Elev)
 MD Reference: WELL @ 6975.0usft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Project	Rio Arriba County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	Sec24 T32N-R04W - 13B			
Site Position:		Northing:	2,176,617.89 usft	Latitude: 36° 58' 40.260 N
From:	Lat/Long	Easting:	1,362,771.85 usft	Longitude: 107° 12' 1.944 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: -0.57 °

Well	Carracas 13B #16			
Well Position	+N/-S	0.0 usft	Northing:	2,176,617.89 usft
	+E/-W	0.0 usft	Easting:	1,362,771.85 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 6,961.0 usft	

Wellbore	STK				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	09/12/11	9.65	63.77	50,917

Design	Design #3				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	2,888.4	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	317.14	

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
2,888.4	58.84	2.44	2,482.0	765.4	588.6	0.00	0.00	0.00	0.00	
3,624.8	90.32	324.27	2,682.3	1,417.7	374.3	6.51	4.27	-5.18	-56.34	
3,745.5	90.00	317.14	2,682.0	1,511.0	297.9	5.92	-0.26	-5.91	-92.53	LAND-13B
8,872.0	90.00	317.14	2,682.0	5,268.7	-3,189.3	0.00	0.00	0.00	0.00	

Planning Report

Database: EDM 5000.1 Single User Db
 Company: Energen Resources
 Project: Rio Arriba County
 Site: Sec24 T32N-R04W - 13B
 Well: Carracas 13B #16
 Wellbore: STK
 Design: Design #3

Local Co-ordinate Reference: Well Carracas 13B #16
 TVD Reference: WELL @ 6975.0usft (Original Well Elev)
 MD Reference: WELL @ 6975.0usft (Original Well Elev)
 North Reference: True
 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)
2,888.4	58.84	2.44	2,482.0	765.4	588.6	160.7	4.56	1.70	-4.95
STK @ 2888' MD DLS 6.51° TFO -56.34									
2,900.0	59.26	1.71	2,488.0	775.4	588.9	167.8	6.51	3.63	-6.30
2,950.0	61.12	358.63	2,512.8	818.8	589.0	199.5	6.51	3.72	-6.16
3,000.0	63.04	355.66	2,536.3	862.9	586.8	233.4	6.51	3.85	-5.94
3,050.0	65.03	352.79	2,558.2	907.6	582.3	269.2	6.51	3.97	-5.74
3,100.0	67.07	350.01	2,578.5	952.8	575.4	307.0	6.51	4.08	-5.55
3,150.0	69.16	347.32	2,597.1	998.3	566.3	346.5	6.51	4.17	-5.39
3,200.0	71.28	344.70	2,614.0	1,043.9	554.9	387.7	6.51	4.25	-5.24
3,250.0	73.44	342.15	2,629.2	1,089.6	541.3	430.5	6.51	4.32	-5.11
3,300.0	75.64	339.65	2,642.5	1,135.1	525.6	474.6	6.51	4.39	-4.99
3,350.0	77.86	337.20	2,654.0	1,180.4	507.7	519.9	6.51	4.44	-4.89
3,400.0	80.10	334.80	2,663.5	1,225.2	487.7	566.3	6.51	4.48	-4.81
3,450.0	82.35	332.42	2,671.1	1,269.4	465.8	613.7	6.51	4.51	-4.75
3,500.0	84.62	330.07	2,676.8	1,313.0	441.9	661.9	6.51	4.54	-4.70
3,550.0	86.90	327.74	2,680.5	1,355.7	416.1	710.7	6.51	4.56	-4.66
3,600.0	89.18	325.42	2,682.2	1,397.4	388.6	760.0	6.51	4.57	-4.64
3,624.8	90.32	324.27	2,682.3	1,417.7	374.3	784.6	6.51	4.57	-4.64
Start DLS 5.92° TFO -92.53									
3,650.0	90.25	322.78	2,682.2	1,437.9	359.3	809.6	5.92	-0.26	-5.91
3,700.0	90.12	319.83	2,682.0	1,476.9	328.1	859.5	5.92	-0.26	-5.91
3,745.5	90.00	317.14	2,682.0	1,511.0	297.9	904.9	5.92	-0.26	-5.91
"LAND" 90.00° @ 3746' MD									
3,800.0	90.00	317.14	2,682.0	1,551.0	260.8	959.4	0.00	0.00	0.00
3,900.0	90.00	317.14	2,682.0	1,624.3	192.8	1,059.4	0.00	0.00	0.00
4,000.0	90.00	317.14	2,682.0	1,697.6	124.8	1,159.4	0.00	0.00	0.00
4,100.0	90.00	317.14	2,682.0	1,770.9	56.8	1,259.4	0.00	0.00	0.00
4,200.0	90.00	317.14	2,682.0	1,844.2	-11.2	1,359.4	0.00	0.00	0.00
4,300.0	90.00	317.14	2,682.0	1,917.5	-79.3	1,459.4	0.00	0.00	0.00
4,400.0	90.00	317.14	2,682.0	1,990.8	-147.3	1,559.4	0.00	0.00	0.00
4,500.0	90.00	317.14	2,682.0	2,064.0	-215.3	1,659.4	0.00	0.00	0.00
4,600.0	90.00	317.14	2,682.0	2,137.3	-283.3	1,759.4	0.00	0.00	0.00
4,700.0	90.00	317.14	2,682.0	2,210.6	-351.4	1,859.4	0.00	0.00	0.00
4,800.0	90.00	317.14	2,682.0	2,283.9	-419.4	1,959.4	0.00	0.00	0.00
4,900.0	90.00	317.14	2,682.0	2,357.2	-487.4	2,059.4	0.00	0.00	0.00
5,000.0	90.00	317.14	2,682.0	2,430.5	-555.4	2,159.4	0.00	0.00	0.00
5,100.0	90.00	317.14	2,682.0	2,503.8	-623.5	2,259.4	0.00	0.00	0.00
5,200.0	90.00	317.14	2,682.0	2,577.1	-691.5	2,359.4	0.00	0.00	0.00
5,300.0	90.00	317.14	2,682.0	2,650.4	-759.5	2,459.4	0.00	0.00	0.00
5,400.0	90.00	317.14	2,682.0	2,723.7	-827.5	2,559.4	0.00	0.00	0.00
5,500.0	90.00	317.14	2,682.0	2,797.0	-895.6	2,659.4	0.00	0.00	0.00
5,600.0	90.00	317.14	2,682.0	2,870.3	-963.6	2,759.4	0.00	0.00	0.00
5,700.0	90.00	317.14	2,682.0	2,943.6	-1,031.6	2,859.4	0.00	0.00	0.00
5,800.0	90.00	317.14	2,682.0	3,016.9	-1,099.6	2,959.4	0.00	0.00	0.00
5,900.0	90.00	317.14	2,682.0	3,090.2	-1,167.7	3,059.4	0.00	0.00	0.00
6,000.0	90.00	317.14	2,682.0	3,163.5	-1,235.7	3,159.4	0.00	0.00	0.00
6,100.0	90.00	317.14	2,682.0	3,236.8	-1,303.7	3,259.4	0.00	0.00	0.00
6,200.0	90.00	317.14	2,682.0	3,310.1	-1,371.7	3,359.4	0.00	0.00	0.00
6,300.0	90.00	317.14	2,682.0	3,383.4	-1,439.8	3,459.4	0.00	0.00	0.00
6,400.0	90.00	317.14	2,682.0	3,456.7	-1,507.8	3,559.4	0.00	0.00	0.00
6,500.0	90.00	317.14	2,682.0	3,530.0	-1,575.8	3,659.4	0.00	0.00	0.00
6,600.0	90.00	317.14	2,682.0	3,603.3	-1,643.8	3,759.4	0.00	0.00	0.00
6,700.0	90.00	317.14	2,682.0	3,676.6	-1,711.9	3,859.4	0.00	0.00	0.00

Planning Report

Database: EDM 5000.1 Single User Db
Company: Energen Resources
Project: Rio Arriba County
Site: Sec24 T32N-R04W - 13B
Well: Carracas 13B #16
Wellbore: STK
Design: Design #3

Local Co-ordinate Reference: Well Carracas 13B #16
TVD Reference: WELL @ 6975.0usft (Original Well Elev)
MD Reference: WELL @ 6975.0usft (Original Well Elev)
North Reference: True
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)
6,800.0	90.00	317.14	2,682.0	3,749.9	-1,779.9	3,959.4	0.00	0.00	0.00
6,900.0	90.00	317.14	2,682.0	3,823.2	-1,847.9	4,059.4	0.00	0.00	0.00
7,000.0	90.00	317.14	2,682.0	3,896.5	-1,915.9	4,159.4	0.00	0.00	0.00
7,100.0	90.00	317.14	2,682.0	3,969.8	-1,984.0	4,259.4	0.00	0.00	0.00
7,200.0	90.00	317.14	2,682.0	4,043.1	-2,052.0	4,359.4	0.00	0.00	0.00
7,300.0	90.00	317.14	2,682.0	4,116.4	-2,120.0	4,459.4	0.00	0.00	0.00
7,400.0	90.00	317.14	2,682.0	4,189.7	-2,188.0	4,559.4	0.00	0.00	0.00
7,500.0	90.00	317.14	2,682.0	4,263.0	-2,256.0	4,659.4	0.00	0.00	0.00
7,600.0	90.00	317.14	2,682.0	4,336.3	-2,324.1	4,759.4	0.00	0.00	0.00
7,700.0	90.00	317.14	2,682.0	4,409.6	-2,392.1	4,859.4	0.00	0.00	0.00
7,800.0	90.00	317.14	2,682.0	4,482.9	-2,460.1	4,959.4	0.00	0.00	0.00
7,900.0	90.00	317.14	2,682.0	4,556.2	-2,528.1	5,059.4	0.00	0.00	0.00
8,000.0	90.00	317.14	2,682.0	4,629.5	-2,596.2	5,159.4	0.00	0.00	0.00
8,100.0	90.00	317.14	2,682.0	4,702.8	-2,664.2	5,259.4	0.00	0.00	0.00
8,200.0	90.00	317.14	2,682.0	4,776.1	-2,732.2	5,359.4	0.00	0.00	0.00
8,300.0	90.00	317.14	2,682.0	4,849.4	-2,800.2	5,459.4	0.00	0.00	0.00
8,400.0	90.00	317.14	2,682.0	4,922.7	-2,868.3	5,559.4	0.00	0.00	0.00
8,500.0	90.00	317.14	2,682.0	4,996.0	-2,936.3	5,659.4	0.00	0.00	0.00
8,600.0	90.00	317.14	2,682.0	5,069.3	-3,004.3	5,759.4	0.00	0.00	0.00
8,700.0	90.00	317.14	2,682.0	5,142.6	-3,072.3	5,859.4	0.00	0.00	0.00
8,800.0	90.00	317.14	2,682.0	5,215.9	-3,140.4	5,959.4	0.00	0.00	0.00
8,872.0	90.00	317.14	2,682.0	5,268.7	-3,189.3	6,031.4	0.00	0.00	0.00

"TD" 90.00° @ 8872'MD

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									
TD-13B	0.00	0.00	2,682.0	5,268.6	-3,189.3	2,181,918.05	1,359,635.31	36° 59' 32.352 N	107° 12' 41.256 W
- plan hits target center									
- Point									
LAND-13B	0.00	0.00	2,682.0	1,511.0	297.9	2,178,125.83	1,363,084.85	36° 58' 55.200 N	107° 11' 58.272 W
- plan hits target center									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,888.4	2,482.0	765.4	588.6	STK @ 2888'MD DLS 6.51° TFO -56.34
3,624.8	2,682.3	1,417.7	374.3	Start DLS 5.92° TFO -92.53
3,745.5	2,682.0	1,511.0	297.9	"LAND" 90.00° @ 3746'MD
8,872.0	2,682.0	5,268.7	-3,189.3	"TD" 90.00° @ 8872'MD

DRILLING CONDITIONS OF APPROVAL

Operator: Energen Resources
Lease No.: NMNM-30584
Well Name: Carracas 13B #16H
Well Location: Sec.24, T32N, R4W; 611' FNL & 1059' FEL

Refer to Onshore Order 2 III.B.1.h

Pressure test the 7" intermediate casing to a minimum of 1500 psi for 30 minutes.



After hour contact: Troy Salyers 505-360-9815