

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

FEB 13 2009

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work ☒ DRILL ☐ REENTER		5. Lease Serial No. NHSE 0794844	
1b. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		6. Indian, Allottee or Tribe Name Farmington Field Office	
2. Name of Operator Energen Resources Corporation		7. Unit or CA Agreement Name and No. KNNH78418A	
3a. Address 2010 Afton Place Farmington, New Mexico 87401		8. Lease Name and Well No. San Juan 30-4 Unit #58 H	
3b. Phone No. (include area code) (505) 325-6800		9. API Well No. 30-039-30681	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 1155' ENL 645' FWL At proposed prod. zone 1000' ENL 1880' FWL		10. Field and Pool, or Exploratory Pictured Cliffs	
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10 T. 30N R. 4W S4E Sec. 9 T. 30N R. 4W S4E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 645'		12. County or Parish Rio Arriba	
16. No. of Acres in lease 1530.69 320		13. State NM	
17. Spacing Unit dedicated to this well NE 1/4 Sec. 9, T. 30 N., R. 4 W. NN 1/4 Sec. 10, T. 30 N., R. 4 W. 320		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 240'	
19. Proposed Depth 9757' MD		20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7455' GL		22. Approximate date work will start* 5/1/2009	
23. Estimated duration 35 Days		24. Attachments RCVD FEB 2 '10	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form.

OIL CONS. DIV.

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

DIST. 3

25. Signature 	Name (Printed/Typed) Devin Mills	Date 02/06/09
Title Drilling Engineer		
Approved by (Signature) 	Name (Printed/Typed) J. Montee Lopez	Date 1/27/2010
Title AFM	Office FFO	

Application approval 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.

Conditions of approval, if any, are attached.

Test BOPE minimum 1200psi

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Continued on page 2)

*(Instructions on page 2)

Hold C104

for Directional Survey

and "As Drilled" plat

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

FEB 26 2010

NOTIFY AZTEC OGD 24 HRS.

PRIOR TO CASING & CEMENT

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

Rec 9-5-08
Revised 9-4-08

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30681		Pool Code 72400	Pool Name E.B. Blanco PICTURED CLIFF
Property Code 21994	Property Name SAN JUAN 30-4 UNIT		Well Number 58 H
OGRD No. 162928	Operator Name ENERGEN RESOURCES CORPORATION		Elevation 7455'

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
D	9	30N	4W		1155'	NORTH	645'	WEST	RIO ARRIBA

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
C	10	30N	4W		1000'	NORTH	1880'	WEST	RIO ARRIBA

¹² Dedicated Acres NE 1/4 Sec. 9, T30N, R4W NW 1/4 Sec. 10, T30N, R4W 320		¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 2/20/09 MPT

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 or a compulsory pooling order heretofore entered by the division.

[Signature] 2/6/09
Signature Date

[Printed Name]
Printed Name

¹⁸ SURVEYOR CERTIFICATION

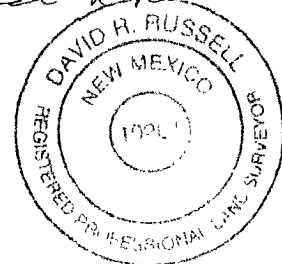
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 27, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

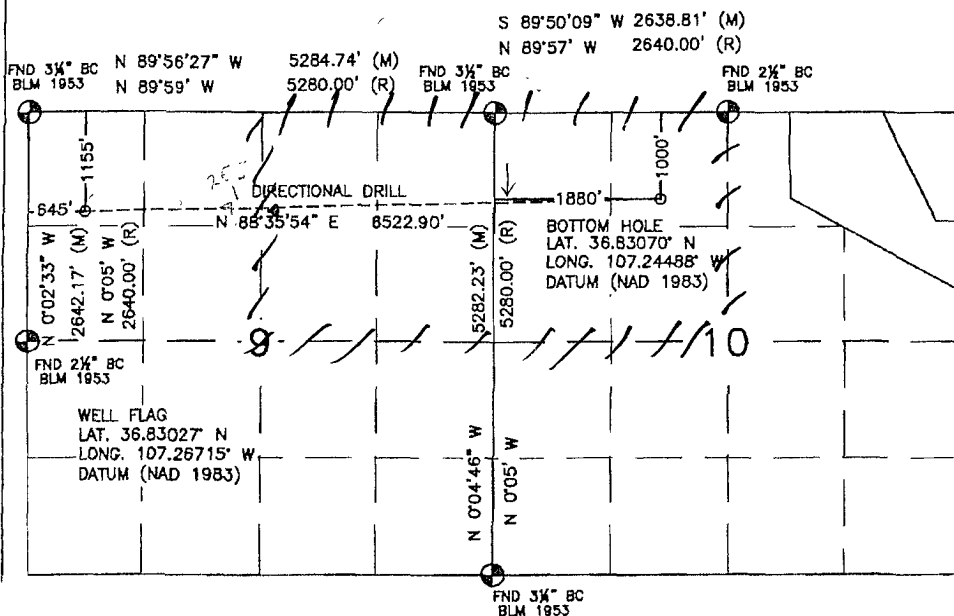
[Signature]



DAVID RUSSELL

Certificate Number

10201





RCVD FEB 18 '10
OIL CONS. DIV.

DIST. 3

OPERATIONS PLAN

WELL NAME.....San Juan 30-4 Unit #58
JOB TYPE.....Horizontal PC Upper Sand
DEPT.....Drilling and Completions

GENERAL INFORMATION

Surface Location	1155 FNL 645 FWL
S-T-R	(D) Sec.9, T30N, R04W
Bottom Hole Location	1000 FNL 1880 FWL
S-T-R	(C) Sec.10, T30N, R04W
County, State	Rio Arriba, New Mexico
Elevations	7455' GL
Total Depth	10117' +/- (MD); 4313' (TVD)
Formation Objective	Pictured Cliffs

FORMATION TOPS

San Jose	Surface
Nacimiento	2681' (TVD)
Ojo Alamo Ss	3511' (TVD)
Kirtland Sh	3828' (TVD)
Fruitland Fm	4130' (TVD)
Pictured Cliffs	4268' (TVD) 4869' MD
Top Target PC	4268' (TVD) 4869' MD
Base Target PC	4390' (TVD)
Total Depth	4313' (TVD), 10117' (MD)

DRILLING

Conductor: 15" wellbore will be drilled with a freshwater mud system (spud mud)

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 8.4 ppg to 9.0 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 1600 psi.

Projected KOP is 2625' TVD with 3.38°/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: FMI 5705 – 10117 MD, 4313' – 4313' TVD.

Mudlogs: 4113' TVD, 4669' MD to TD

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

2/17/2010



CASING, TUBING & CASING EQUIPMENT

String	Start Depth	End Depth	Wellbore	Size	Wt	Grade
Conductor	0	200	15"	13-3/8"	48 lb/ft	H-40 ST&C
Surface	0	2000	12-1/4"	9-5/8"	32.3 lb/ft	H-40 ST&C
Intermediate	0	5705	8-3/4"	7"	23 lb/ft	J-55 LT&C
TVD	0	4313				
Prod. Liner	5605	10117	6-1/4"	4-1/2"	11.6 lb/ft	J-55 LT&C
TVD	4311	4313				
Tubing	0	5405	none	2-3/8"	4.7 lb/ft	J-55

Conductor 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.

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

Conductor Casing: 90 sks Type V with 2.0 % CaCl₂ and ¼ #/sk Flocele (15.6 ppg, 1.18 ft³/sk 50 ft³ of slurry, 100% excess to circulate to surface). WOC 12 hours. Pressure test conductor casing to 750 psi for 30 min.

Surface Casing: 1125 sks Type V with 2.0 % CaCl₂ and ¼ #/sk Flocele (15.6 ppg, 1.18 ft³/sk 500 ft³ of slurry, 100% excess to circulate to surface). WOC 12 hours. Pressure test surface casing to 750 psi for 30 min.

2/17/2010

ENERGEN
R E S O U R C E S

Intermediate Casing: Circulate hole at least 1-1/2 hole volumes of mud and reduce funnel viscosity to aid in hole cleanout. Stage 1 begins from 4550 – 5705.

First Stage: Lead with 50 sks 50/50 with 2.0% Bentonite, 0.30 % Halad – 344, 0.10 % CFR – 3, 5 #/sk Gilsonite, ¼ #/sk Flocele. (13.0 ppg, 1.35 ft³/sk, 450 ft³) and a tail of 150 sks Class G with 1.0 % CaCl₂ and ¼ #/sk Flocele. (15.6 ppg, 1.18 ft³/sk, 177 ft³) (697 ft³ of slurry to circulate off the stage tool). Circulated 4-5 hours between stages at time plug down on first stage.

Second Stage: Lead with 480 sks 65/35 with 6.0 % Bentonite, 2.0 % CaCl₂, 10 #/sk Gilsonite, and ½ #/sk Flocele (12.3 ppg, 1.93 ft³/sk) and a tail of 75 sks Class G with ¼ #/sk Flocele (15.6 ppg, 1.18 ft³/sk). WOC 12 hours. Test BOP as outlined in 'Drilling' section. Test manifold as outlined in 'Drilling' section. Test casing to 1500 psi for 30 min.

Production Liner: NO CEMENT

Set slips with full string weight

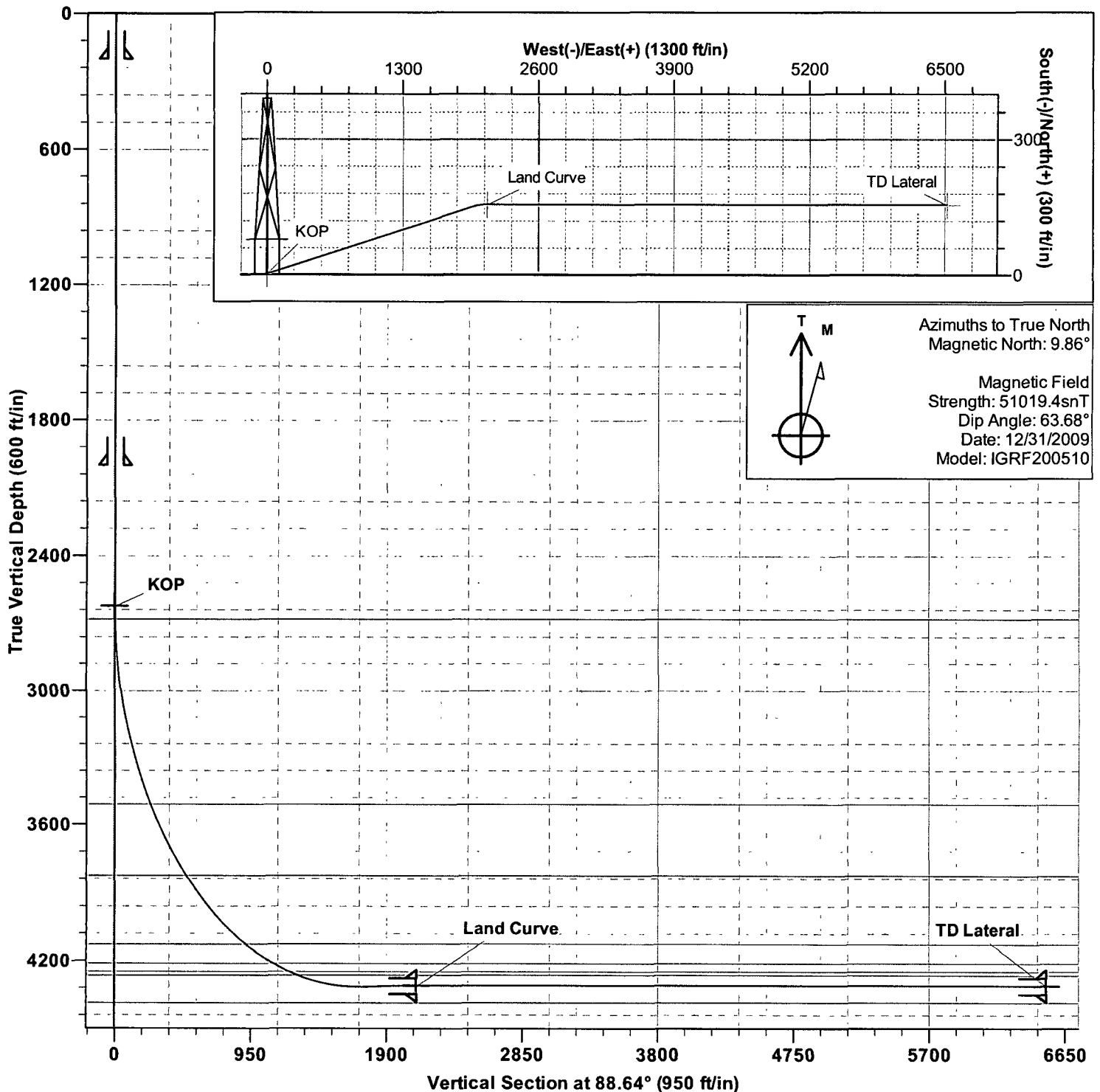
If cement does not circulate, run temperature survey in 8 hrs. to determine TOC.

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.

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	2625.0	0.00	0.00	2625.0	0.0	0.0	0.00	0.00	0.0	KOP
3	5315.1	91.00	85.64	4318.5	130.9	1718.3	3.38	85.64	1720.9	
4	5559.4	91.00	85.64	4314.3	149.5	1961.9	0.00	0.00	1964.9	
5	5705.4	90.00	90.00	4313.0	155.0	2107.7	3.06	102.88	2110.8	Land Curve
6	10117.4	90.00	90.00	4313.0	155.0	6519.7	0.00	0.00	6521.6	TD Lateral



Energen DIRECTIONAL PLAN

Company:	Energen Resources	Local Co-ordinate Reference:	Well San Juan 30-4 Unit #58
Project:	SJBR Sec.09-T30N-R04W	TVD Reference:	KB @ 7470.0ft (KB)
Site:	American Mesa	MD Reference:	KB @ 7470.0ft (KB)
Well:	San Juan 30-4 Unit #58	North Reference:	True
Wellbore:	Upper PC Sand	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.16 Single User Db

Planned Survey

MD (ft)	TVD (ft)	Inc (°)	Azi (°)	Build (°/100ft)	N/S (ft)	E/W (ft)	V. Sec. (ft)
4,689.6	4,215.0	69.84	85.64	3.38	84.3	1,106.8	1,108.5
Top Coal Interval							
4,700.0	4,218.6	70.19	85.64	3.38	85.1	1,116.6	1,118.3
4,800.0	4,249.7	73.57	85.64	3.38	92.3	1,211.3	1,213.2
4,808.4	4,252.0	73.86	85.64	3.38	92.9	1,219.3	1,221.2
Base Coal Interval							
4,869.8	4,268.0	75.93	85.64	3.38	97.4	1,278.4	1,280.4
Top Upper Pictured Cliffs							
4,900.0	4,275.1	76.96	85.64	3.38	99.6	1,307.7	1,309.7
5,000.0	4,294.8	80.34	85.64	3.38	107.1	1,405.5	1,407.6
5,100.0	4,308.6	83.72	85.64	3.38	114.6	1,504.2	1,506.5
5,200.0	4,316.6	87.10	85.64	3.38	122.2	1,603.6	1,606.0
5,300.0	4,318.7	90.49	85.64	3.38	129.8	1,703.3	1,705.9
5,315.1	4,318.5	91.00	85.64	3.38	130.9	1,718.3	1,720.9
5,400.0	4,317.0	91.00	85.64	0.00	137.3	1,803.0	1,805.7
5,500.0	4,315.3	91.00	85.64	0.00	144.9	1,902.7	1,905.6
5,559.4	4,314.3	91.00	85.64	0.00	149.5	1,961.9	1,964.9
5,600.0	4,313.7	90.72	86.86	-0.68	152.1	2,002.4	2,005.4
5,705.4	4,313.0	90.00	90.00	-0.68	155.0	2,107.7	2,110.8
Land Curve							
5,800.0	4,313.0	90.00	90.00	0.00	155.0	2,202.3	2,205.4
5,900.0	4,313.0	90.00	90.00	0.00	155.0	2,302.3	2,305.4
6,000.0	4,313.0	90.00	90.00	0.00	155.0	2,402.3	2,405.3
6,100.0	4,313.0	90.00	90.00	0.00	155.0	2,502.3	2,505.3
6,200.0	4,313.0	90.00	90.00	0.00	155.0	2,602.3	2,605.3
6,300.0	4,313.0	90.00	90.00	0.00	155.0	2,702.3	2,705.2
6,400.0	4,313.0	90.00	90.00	0.00	155.0	2,802.3	2,805.2
6,500.0	4,313.0	90.00	90.00	0.00	155.0	2,902.3	2,905.2
6,600.0	4,313.0	90.00	90.00	0.00	155.0	3,002.3	3,005.2
6,700.0	4,313.0	90.00	90.00	0.00	155.0	3,102.3	3,105.1
6,800.0	4,313.0	90.00	90.00	0.00	155.0	3,202.3	3,205.1
6,900.0	4,313.0	90.00	90.00	0.00	155.0	3,302.3	3,305.1
7,000.0	4,313.0	90.00	90.00	0.00	155.0	3,402.3	3,405.0
7,100.0	4,313.0	90.00	90.00	0.00	155.0	3,502.3	3,505.0
7,200.0	4,313.0	90.00	90.00	0.00	155.0	3,602.3	3,605.0
7,300.0	4,313.0	90.00	90.00	0.00	155.0	3,702.3	3,705.0
7,400.0	4,313.0	90.00	90.00	0.00	155.0	3,802.3	3,804.9
7,500.0	4,313.0	90.00	90.00	0.00	155.0	3,902.3	3,904.9
7,600.0	4,313.0	90.00	90.00	0.00	155.0	4,002.3	4,004.9
7,700.0	4,313.0	90.00	90.00	0.00	155.0	4,102.3	4,104.8
7,800.0	4,313.0	90.00	90.00	0.00	155.0	4,202.3	4,204.8
7,900.0	4,313.0	90.00	90.00	0.00	155.0	4,302.3	4,304.8
8,000.0	4,313.0	90.00	90.00	0.00	155.0	4,402.3	4,404.8
8,100.0	4,313.0	90.00	90.00	0.00	155.0	4,502.3	4,504.7
8,200.0	4,313.0	90.00	90.00	0.00	155.0	4,602.3	4,604.7

Energen DIRECTIONAL PLAN

Company: Energen Resources
Project: SJBR Sec.09-T30N-R04W
Site: American Mesa
Well: San Juan 30-4 Unit #58
Wellbore: Upper PC Sand
Design: Plan #1

Local Co-ordinate Reference: Well San Juan 30-4 Unit #58
TVD Reference: KB @ 7470.0ft (KB)
MD Reference: KB @ 7470.0ft (KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Land Curve - plan hits target - Point	0.00	0.00	4,313.0	155.0	2,107.7	2,123,221.54	1,344,851.51	36° 49' 50.504 N	107° 15' 35.814 W
TD Lateral - plan hits target - Point	0.00	0.00	4,313.0	155.0	6,519.7	2,123,174.58	1,349,263.26	36° 49' 50.497 N	107° 14' 41.546 W
KOP - plan hits target - Point	0.00	0.00	2,625.0	0.0	0.0	2,123,088.98	1,342,742.24	36° 49' 48.972 N	107° 16' 1.740 W

Casing Points

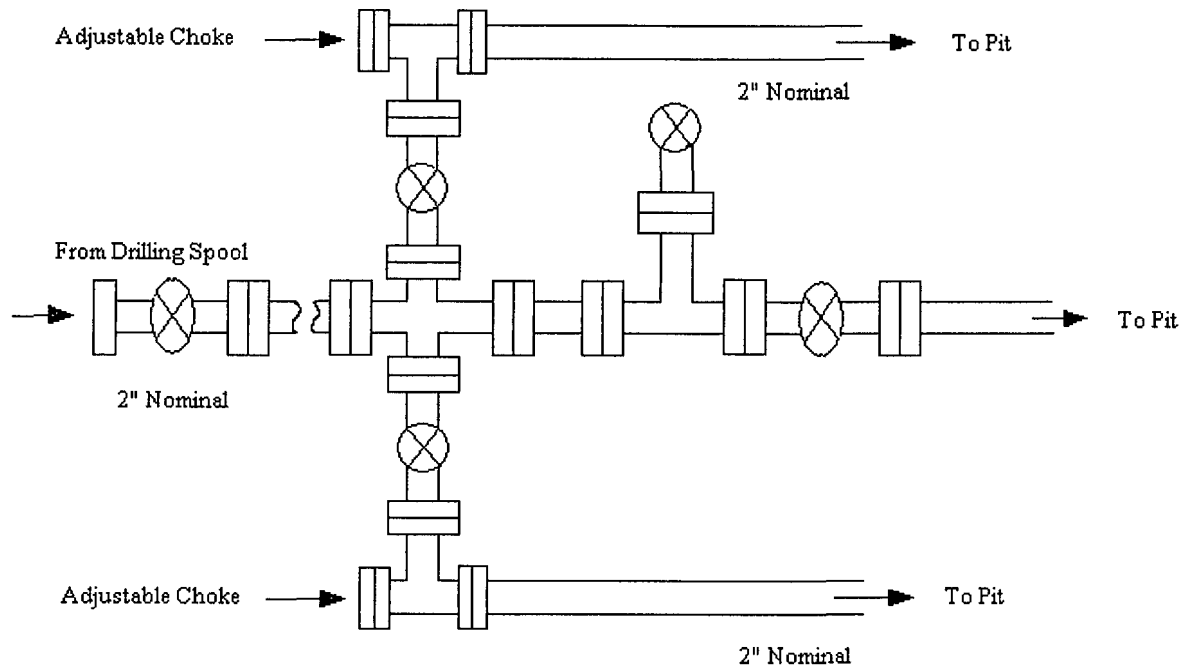
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
200.0	200.0	Conductor	13-3/8	15
2,000.0	2,000.0	Surface	9-5/8	12-1/4
5,705.0	4,313.0	Intermediate	7	8-3/4
10,117.0	4,313.0	Liner	4-1/2	6-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,557.4	3,511.0	Ojo Alamo SS		0.00	
4,808.4	4,252.0	Base Coal Interval		0.00	
2,681.0	2,681.0	Nacimiento		0.00	
4,689.6	4,215.0	Top Coal Interval		0.00	
	4,390.0	Base Upper Pictured Cliffs		0.00	
4,869.8	4,268.0	Top Upper Pictured Cliffs		0.00	
3,962.8	3,828.0	Kirtland Sh		0.00	
4,478.3	4,130.0	Fruitland Fm		0.00	

Checked By: _____ Approved By: _____ Date: _____

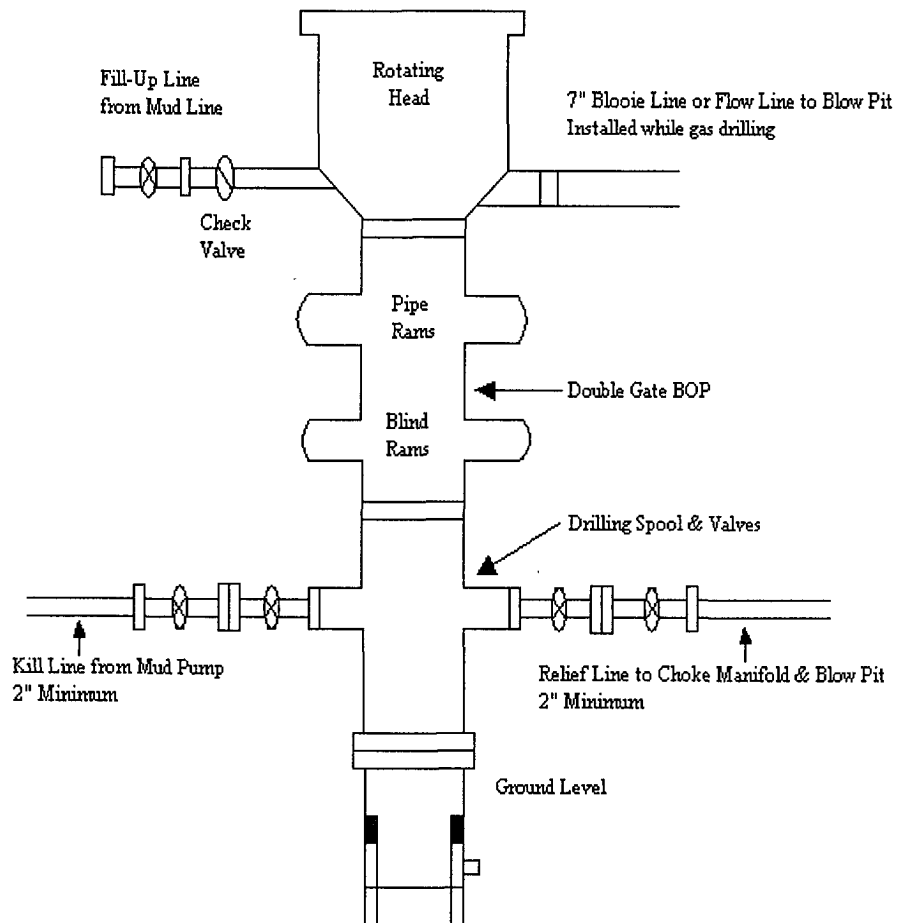
Energen Resources Corporation
Typical 2000 psi Choke Manifold Configuration



Choke manifold installed from surface to TD

Energen Resources Corporation

Typical BOP Configuration for Gas Drilling





R E S O U R C E S

February 22, 2010

Mr. Steve Hayden
State of New Mexico
Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, NM 87410

RCVD FEB 23 '10

OIL CONS. DIV.

DIST. 3

RE: San Juan 30-4 Unit # 58 Well
Section 9: NE/4
Section 10: NW/4
T-30-N, R-4-W
Rio Arriba County, New Mexico

San Juan 30-4 Unit # 62 Well
Section 21: SE/4
Section 22: SW/4
T-30-N, R-4-W
Rio Arriba County, New Mexico

Gentlemen:

Energén Resources is planning to drill the referenced wells in a manner so that a horizontal wellbore will cross two spacing units. This will occur in both of the wells shown above. Oil Conservation Division Order No. R-12868-C requires in situations like these that the Operator "shall submit a statement signed by an attorney or land specialist certifying that all owners of all interests in all of the constituent spacing units have agreed upon a formula for allocation of production from the horizontal well."

Both of the wells listed above are located in the San Juan 30-4 Unit and all of the interests in these spacing units are committed to and have joined this Unit, including the Unit Agreements. These Unit Agreements control the allocation of all costs and production in all lands included within a particular participating area. Both of these wells and the spacing units thereto are within the present Pictured Cliffs Participating Area. Thus the requirement that all parties have agreed to the allocation of production has been met.

For your information I am including a list of the names and interests of all parties owning interests in the Pictured Cliffs Participating Area.

Please include this letter and the attachment in your files to show that Energén Resources has complied with Order R-12868-C.

Sincerely,

David M. Poage

District Landman

SAN JUAN 30-4 PC PA - DIVISION OF INTEREST

Owner	Name	Type	Gross Wkng Int	Net Rev Int	Pay Code
20	ENERGEN RESOURCES CORP	NP		0.11837800	X
20	ENERGEN RESOURCES CORP	OR		0.00271942	X
2231	JANE ANN WILLIAMS	OR		0.00046888	M
2302	FREDERICK EUGENE TURNE	OR		0.00019455	M
2307	ESTATE OF J GLENN TURN	OR		0.00019456	M
2345	ELIZABETH JEANNE CALLO	OR		0.00019456	M
2464	JOHN LEE TURNER	OR		0.00019455	M
30341	CHARLES W GAY	OR		0.00002764	A
30342	LORRAYN GAY HACKER	OR		0.00002764	A
38686	PROVIDENCE MINERALS LL	OR		0.00079592	M
3956	W G PEAVY OIL COMPANY	OR		0.00081919	M
4188	MAR OIL & GAS CORP INC	OR		0.00189506	M
41978	THOMAS P TINNIN	OR		0.00009949	M
41979	TINMIL	OR		0.00009949	M
45271	J & M RAYMOND LTD	OR		0.00055273	A
4555	JABCO LLP	OR		0.00079592	M
49921	NAVATEX ENERGY LP	OR		0.00059695	M
49922	RIO ARIBAGAS LTD	OR		0.00099491	M
51863	TOM DUGAN FAMILY LTD P	OR		0.00079592	M
56688	TRUST OF RUTH ZIMMERMA	OR		0.00026531	M
5735	T H MCELVAIN OIL & GAS	OR		0.00331636	M
57417	HILSEWECK PARTNERSHIP	OR		0.01953673	M
57822	TAMACAM LLC	OR	0.00000000	0.00005527	A
58631	HELEN M HILSEWECK TRUS	OR		0.01953673	M
6000	ROMERO FAMILY LTD PART	OR		0.00052851	M
6474	BURLINGTON RESOURCES O	OR		0.00083689	M
6719	BURLINGTON RESOURCES O	OR		0.00132654	M
20	ENERGEN RESOURCES CORP	PP		0.00018498	X
2729	MARIA M RIBERA	RY		0.00243302	M
3140	MINERALS MANAGEMENT SE	RY		0.12235860	A
4892	RICHARD WILLIAM SIMMS	RY		0.00010419	M
4893	MARY SIMMS SCHUTZ	RY		0.00010419	M
20	ENERGEN RESOURCES CORP	RI	0.85121301	0.56960065	X
30341	CHARLES W GAY	RI	0.00025960	0.00022715	A
30342	LORRAYN GAY HACKER	RI	0.00025960	0.00022715	A
38686	PROVIDENCE MINERALS LL	RI	0.00747652	0.00654196	M
4165	DUGAN PRODUCTION CORPO	RI	0.00747653	0.00654196	M
4188	MAR OIL & GAS CORP INC	RI	0.01780124	0.01557609	M
41978	THOMAS P TINNIN	RI	0.00125167	0.00109521	M
41979	TINMIL	RI	0.00125167	0.00109521	M
45271	J & M RAYMOND LTD	RI	0.00519203	0.00454302	A
4555	JABCO LLP	RI	0.01001335	0.00876169	M
49921	NAVATEX ENERGY LP	RI	0.00751001	0.00648803	M
49922	RIO ARIBAGAS LTD	RI	0.01251670	0.01081338	M

56688	TRUST OF RUTH ZIMMERMA	RI	0.00249217	0.00218065	M
5735	T H MCELVAIN OIL & GAS	RI	0.05229246	0.04575590	M
57822	TAMACAM LLC	RI	0.00051921	0.00045430	A
6474	BURLINGTON RESOURCES O	RI	0.01001336	0.00876169	M
6719	BURLINGTON RESOURCES O	RI	0.01246087	0.01090326	M
Totals:			1.00000000	1.00000000	