Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 12 2009
Bureau of Land Management
Farmington Field Office

FORM 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.
NMSF079011

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
San Juan 32-5 Unit

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

8. Well Name and No.
San Juan 32-5 Unit 100S

2. Name of Operator
Energen Resources Corporation

9. API Well No.
30-039-27270

3a. Address
2010 Afton Place, Farmington, NM 87401

3b. Phone No. *(include area code)*
(505) 325-6800

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SHL: 2385 FNL, 2460 FWL
BHL: 100 FNL, 760 FWL
Sec.23 T32N, R06W

11. County or Parish, State
Rio Arriba NM

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	
	☐ 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 recomplete 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 recompletion 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.)

Energen Resources would like to re-complete the San Juan 32-5 Unit #100S by drilling a horizontal lateral off of the existing vertical wellbore as indicated in the revised attached C-102 and directional wellplan. A whipstock will be set at 2797' TVD and mill a window from 2785'-2791'+/- (TVD). A horizontal lateral will be drilled to 5772'MD (3030' TVD) with a BHL of 100 FNL, 760 FWL. A 3.5" 9.3ppf, J-55, flush joint pre-drilled liner will be ran and set from 2787'-5772'. Also, a 2-3/8'' tubing string will be landed at 3027'. A closed loop system will be implemented during recompletion

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RCVD NOV 16 '09
OIL CONS. DIV.
DIST. 3

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT
Hold C104
for Directional Survey
and "As Drilled" plat

P.A

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* Stephen Byers — Title Drilling Engineer

Signature Stephen Byers — Date 11/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by — Title Pet. Eng. — Date 11/13/09

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

NMOCD

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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-27270	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
	San Juan 32-5 Unit	#100S

[7] OGRID No.	[8] Operator Name	[9] Elevation
162928	ENERGEN RESOURCES CORPORATION	7590'

[10] Surface Location

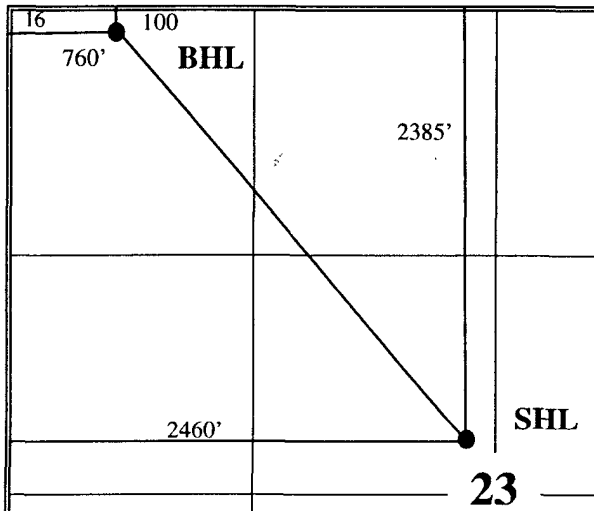
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	32N	6W		2385	NORTH	2460	WEST	RIO ARRIBA

[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
D	23	32N	6W		100	NORTH	760	WEST	RIO ARRIBA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320 W/2			

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.



[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.

Stephen Byers — 11/11/2009
Signature — Date

STEPHEN BYERS
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.

JULY 21, 1988
Date of Survey

Original Survey Conducted and Recorded By: Neale C. Edwards

6857
Certificate Number

Energen Resources

SJBR Sec.23-T32N-R06W
Eul Canyon
San Juan 32-5 Unit #100S
Re-Entry Sidetrack OPE FTC

Plan: Plan #1

DIRECTIONAL PLAN

11 November, 2009

ENERGEN RESOURCES

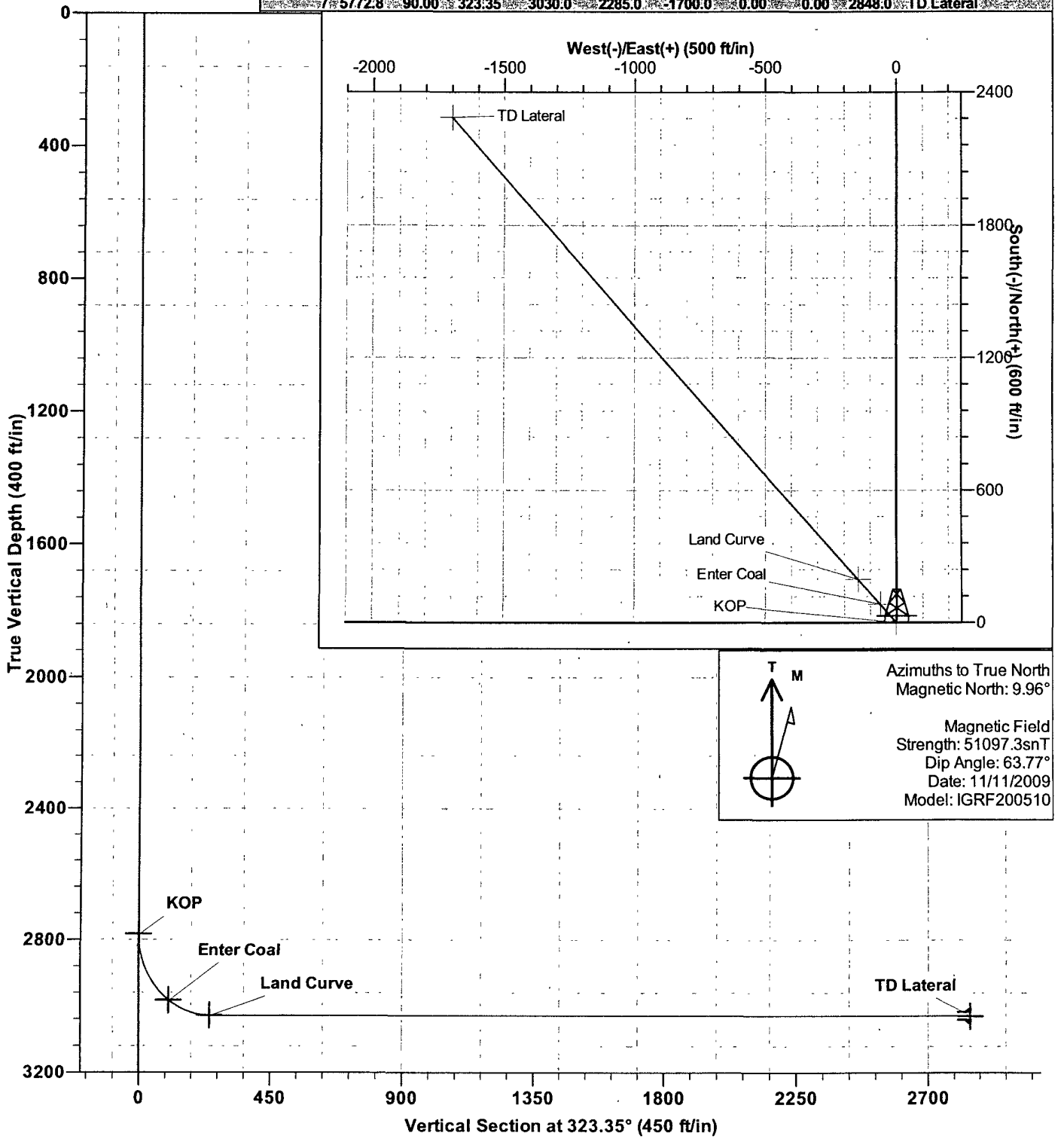
Project: SJBR Sec.23-T32N-R06W
Site: Eul Canyon
Well: San Juan 32-5 Unit #100S
Wellbore: Re-Entry Sidetrack OPE FTC

PROJECT DETAILS:

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Central Zone

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	2785.0	0.00	0.00	2785.0	0.0	0.0	0.00	0.00	0.0	KOP
3	3019.0	54.75	323.36	2985.0	83.1	-61.8	23.40	323.36	103.6	Enter Coal
4	3031.5	57.67	323.38	2991.9	91.4	-68.0	23.35	0.32	113.9	
5	3031.7	57.67	323.38	2992.1	91.6	-68.1	0.00	0.00	114.1	
6	3169.8	90.00	323.35	3030.0	196.6	-146.2	23.41	-0.06	245.0	Land Curve
7	5772.8	90.00	323.35	3030.0	2285.0	-1700.0	0.00	0.00	2848.0	TD Lateral



T M

Azimuths to True North
Magnetic North: 9.96°

Magnetic Field
Strength: 51097.3snT
Dip Angle: 63.77°
Date: 11/11/2009
Model: IGRF200510

Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Well San Juan 32-5 Unit #100S
Project:	SJBR Sec.23-T32N-R06W	**TVD Reference:**	KB @ 6403.0ft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6403.0ft (KB)
Well:	San Juan 32-5 Unit #100S	**North Reference:**	True
Wellbore:	Re-Entry Sidetrack OPE FTC	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 2003.16 Single User Db

Project SJBR Sec.23-T32N-R06W

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site Eul Canyon

Site Position:		**Northing:**	2,173,184.73 ft	**Latitude:**	36° 57' 59.000 N
From:	Lat/Long	**Easting:**	1,296,506.02 ft	**Longitude:**	107° 25' 37.999 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.71 °

Well San Juan 32-5 Unit #100S

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,173,184.73 ft	**Latitude:**	36° 57' 59.000 N
	+E/-W	0.0 ft	**Easting:**	1,296,506.02 ft	**Longitude:**	107° 25' 37.999 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	6,388.0 ft	**Ground Level:**	6,388.0 ft

Wellbore Re-Entry Sidetrack OPE FTC

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/11/2009	9.96	63.77	51,097

Design Plan #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	323.35

Survey Tool Program **Date** 11/11/2009

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	5,772.8	Plan #1 (Re-Entry Sidetrack OPE FTC)	MWD	MWD - Standard

Planned Survey

MD (ft)	TVD (ft)	Inc (°)	Azi (°)	Build (°/100ft)	N/S (ft)	E/W (ft)	V. Sec (ft)
0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0
100.0	100.0	0.00	0.00	0.00	0.0	0.0	0.0
200.0	200.0	0.00	0.00	0.00	0.0	0.0	0.0
300.0	300.0	0.00	0.00	0.00	0.0	0.0	0.0
400.0	400.0	0.00	0.00	0.00	0.0	0.0	0.0
500.0	500.0	0.00	0.00	0.00	0.0	0.0	0.0
600.0	600.0	0.00	0.00	0.00	0.0	0.0	0.0
700.0	700.0	0.00	0.00	0.00	0.0	0.0	0.0
800.0	800.0	0.00	0.00	0.00	0.0	0.0	0.0
900.0	900.0	0.00	0.00	0.00	0.0	0.0	0.0
1,000.0	1,000.0	0.00	0.00	0.00	0.0	0.0	0.0
1,100.0	1,100.0	0.00	0.00	0.00	0.0	0.0	0.0

Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Well San Juan 32-5 Unit #100S
Project:	SJBR Sec.23-T32N-R06W	**TVD Reference:**	KB @ 6403.0ft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6403.0ft (KB)
Well:	San Juan 32-5 Unit #100S	**North Reference:**	True
Wellbore:	Re-Entry Sidetrack OPE FTC	**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)
1,200.0	1,200.0	0.00	0.00	0.00	0.0	0.0	0.0
1,300.0	1,300.0	0.00	0.00	0.00	0.0	0.0	0.0
1,400.0	1,400.0	0.00	0.00	0.00	0.0	0.0	0.0
1,500.0	1,500.0	0.00	0.00	0.00	0.0	0.0	0.0
1,600.0	1,600.0	0.00	0.00	0.00	0.0	0.0	0.0
1,700.0	1,700.0	0.00	0.00	0.00	0.0	0.0	0.0
1,800.0	1,800.0	0.00	0.00	0.00	0 0	0.0	0.0
1,900.0	1,900.0	0.00	0.00	0.00	0.0	0.0	0.0
2,000.0	2,000.0	0.00	0.00	0.00	0.0	0.0	0.0
2,100.0	2,100.0	0.00	0.00	0.00	0.0	0.0	0.0
2,200.0	2,200.0	0.00	0.00	0.00	0.0	0.0	0.0
2,300.0	2,300.0	0.00	0.00	0.00	0.0	0.0	0.0
2,400.0	2,400.0	0.00	0.00	0.00	0.0	0.0	0.0
2,500.0	2,500.0	0.00	0.00	0.00	0.0	0.0	0.0
2,600.0	2,600.0	0.00	0.00	0.00	0.0	0.0	0.0
2,700.0	2,700.0	0.00	0.00	0.00	0.0	0.0	0.0
2,785.0	2,785.0	0.00	0.00	0.00	0.0	0.0	0.0
			KOP				
2,800.0	2,800.0	3.51	323.36	23.40	0.4	-0.3	0.5
2,820.0	2,819.9	8.19	323.36	23.40	2.0	-1.5	2.5
2,840.0	2,839.5	12.87	323.36	23.40	4.9	-3.7	6.1
2,860.0	2,858.8	17.55	323.36	23.40	9.1	-6.8	11.4
2,880.0	2,877.6	22.23	323.36	23.40	14.6	-10.9	18.2
2,900.0	2,895.8	26.90	323.36	23.40	21.3	-15.8	26.5
2,920.0	2,913.3	31.58	323.36	23.40	29.1	-21.6	36.3
2,940.0	2,929.9	36.26	323.36	23.40	38.1	-28.3	47.4
2,960.0	2,945.5	40.94	323 36	23.40	48.1	-35.8	59.9
2,980.0	2,960.0	45.62	323.36	23.40	59.1	-43.9	73.6
3,000.0	2,973.4	50.30	323.36	23.40	71.0	-52.8	88.5
3,019.0	2,985.0	54.75	323.36	23.40	83.1	-61.8	103.6
			Enter Coal				
3,031.5	2,991.9	57.67	323.38	23.35	91.4	-68.0	113.9
3,031.7	2,992.1	57.67	323.38	0.00	91.6	-68.1	114.1
3,040.0	2,996.4	59 61	323.38	23.41	97.2	-72.3	121.2
3,060.0	3,005.8	64.29	323.37	23.41	111.4	-82.8	138.8
3,080.0	3,013.7	68.97	323.37	23.41	126.1	-93.8	157.2
3,100.0	3,020.1	73.65	323.36	23.41	141.3	-105.1	176.1
3,120.0	3,024.9	78.34	323.36	23.41	156.9	-116.7	195.5
3,140.0	3,028.2	83.02	323.36	23.41	172.7	-128.4	215.3
3,160.0	3,029.8	87.70	323.35	23.41	188.7	-140.3	235.2
3,169.8	3,030.0	90.00	323.35	23.41	196.6	-146.2	245.0
			Land Curve				
3,200.0	3,030.0	90.00	323.35	0.00	220.8	-164.2	275.2
3,300.0	3,030.0	90.00	323.35	0.00	301.0	-223.9	375.2
3,400.0	3,030.0	90.00	323.35	0.00	381.3	-283.6	475.2

Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Well San Juan 32-5 Unit #100S
Project:	SJBR Sec.23-T32N-R06W	**TVD Reference:**	KB @ 6403.0ft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6403.0ft (KB)
Well:	San Juan 32-5 Unit #100S	**North Reference:**	True
Wellbore:	Re-Entry Sidetrack OPE FTC	**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)
3,500.0	3,030.0	90.00	323.35	0.00	461.5	-343.3	575.2
3,600.0	3,030.0	90.00	323.35	0.00	541.7	-403.0	675.2
3,700.0	3,030.0	90.00	323.35	0.00	622.0	-462.7	775.2
3,800.0	3,030.0	90.00	323.35	0.00	702.2	-522.4	875.2
3,900.0	3,030.0	90.00	323.35	0.00	782.4	-582.1	975.2
4,000.0	3,030.0	90.00	323.35	0.00	862.6	-641.8	1,075.2
4,100.0	3,030.0	90.00	323.35	0.00	942.9	-701.4	1,175.2
4,200.0	3,030.0	90.00	323.35	0.00	1,023.1	-761.1	1,275.2
4,300.0	3,030.0	90.00	323.35	0.00	1,103.3	-820.8	1,375.2
4,400.0	3,030.0	90.00	323.35	0.00	1,183.6	-880.5	1,475.2
4,500.0	3,030.0	90.00	323.35	0.00	1,263.8	-940.2	1,575.2
4,600.0	3,030.0	90.00	323.35	0.00	1,344.0	-999.9	1,675.2
4,700.0	3,030.0	90.00	323.35	0.00	1,424.3	-1,059.6	1,775.2
4,800.0	3,030.0	90.00	323.35	0.00	1,504.5	-1,119.3	1,875.2
4,900.0	3,030.0	90.00	323.35	0.00	1,584.7	-1,179.0	1,975.2
5,000.0	3,030.0	90.00	323.35	0.00	1,664.9	-1,238.7	2,075.2
5,100.0	3,030.0	90.00	323.35	0.00	1,745.2	-1,298.4	2,175.2
5,200.0	3,030.0	90.00	323.35	0.00	1,825.4	-1,358.1	2,275.2
5,300.0	3,030.0	90.00	323.35	0.00	1,905.6	-1,417.8	2,375.2
5,400.0	3,030.0	90.00	323.35	0.00	1,985.9	-1,477.4	2,475.2
5,500.0	3,030.0	90.00	323.35	0.00	2,066.1	-1,537.1	2,575.2
5,600.0	3,030.0	90.00	323.35	0.00	2,146.3	-1,596.8	2,675.2
5,700.0	3,030.0	90.00	323.35	0.00	2,226.6	-1,656.5	2,775.2
5,772.8	3,030.0	90.00	323.35	0.00	2,285.0	-1,700.0	2,848.0
			TD Lateral				

Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Well San Juan 32-5 Unit #100S
Project:	SJBR Sec.23-T32N-R06W	**TVD Reference:**	KB @ 6403.0ft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6403.0ft (KB)
Well:	San Juan 32-5 Unit #100S	**North Reference:**	True
Wellbore:	Re-Entry Sidetrack OPE FTC	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**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
TD Lateral - plan hits target - Point	0.00	0.00	3,030.0	2,285.0	-1,700.0	2,175,490.56	1,294,834.38	36° 58' 21.592 N	107° 25' 58.947 W
Land Curve - plan hits target - Point	0.00	0 00	3,030.0	196.6	-146.2	2,173,383.12	1,296,362.26	36° 58' 0.944 N	107° 25' 39.800 W
Enter Coal - plan hits target - Point	0.00	0.00	2,985.0	83.1	-61.8	2,173,268.58	1,296,445.25	36° 57' 59.822 N	107° 25' 38.760 W
KOP - plan hits target - Point	0.00	0.00	2,785.0	0.0	0.0	2,173,184.73	1,296,506.02	36° 57' 59.000 N	107° 25' 37.999 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
5,772.0	3,030.0	Liner	4-1/2	6-1/4

Checked By: _____ Approved By: _____ Date: _____

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 10/28/2009 **Well Name:** S.J. 32-5 Unit #100S **API#:** 30-039-27270 **DP#:** 3120448A
Unit: F **Sec:** 23 **Twp:** 32N **Rge:** 6W **Footage:** 2385' FNL, 2460' FWL
County: Rio Arriba **State:**NM **Spud:** 6/28/2004 **Completed:** 8/1/2004
Field: Basin Fruitland Coal **Elev:** 6403' **TD:** 3153' KB **PBTD:** 3125' KB **KB:** 15' KB
Perfs: 2985' - 3076', .45" EHD, 4 SPF, 168 holes.

Frac: Cavitated

*Tbg Details : NOTCH COLLAR W/ PIN, 1 JT 2-3/8" TUBING, 2-3/8" X 8' PERF SUB, SEAT NIPPLE AND 94 JTS TUBING. LANDED TUBING WITH DONUT AS FOLLOWS; SEAT NIPPLE AT 3,058'. END OF TUBING AT 3,099'

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12 1/4"	9 5/8"	32.0# H-40	248'	120 sks	Circ.
8 3/4"	7"	23.0# J-55	2970'	525 sks	Circ.
Cavitate	5 1/2"Liner	15.5# J-55	2894' - 3126'	None	N/A

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2 3/8"	*See Above	4.7# J-55	3099'	3058'	

Rod & Pump Record:CDI 2" x 1-1/2" x 12' RWAC (DV) PUMP (ENERGEN #N/A) AND 1" x 10' STRAINER NIPPLE, 2 - 1-1/4" SINKER BARS, 119 - 3/4" RODS, 3 - ROD SUBS (8', 4' & 4') AND 22' POLISH ROD w/10' LINER.

Rod Size	# Rods	Length	Grade
3/4"	119	2975	

Log Record: Mudlog

Formation Tops:

Ojo Alamo		**Point Lookout**
Kirtland		**Mancos**
Fruitland	2985'	**Gallup**
Pictured Cliffs		**Graneros**
Lewis		**Dakota**
Cliffhouse		**Bluff**
Menefee		**Chinle**

Work History: (12/6/2006 to 12/8/2006) CHECKED ANCHORS. FCP 100 PSIG. SITP 0 PSIG. MIRU MESA RIG #206. PRESSURE TEST TUBING TO 750 PSIG FOR 15 MIN WITH 1 BBLS OF PRODUCED WATER. HELD OK. RELEASED PRESSURE. UNHUNG RODS. TOH WITH 22' POLISH ROD WITH 10' LINER, 3 ROD SUBS (8',4'&4'), 119 - 3/4" RODS, 2 - 1-1/4" SINKER BARS AND PUMP. FOUND LT COAL AND HEAVY WEAR 0N BALL/SEATS. NIPPLE DOWN WELL HEAD. NIPPLE UP BOP. PICK UP AND TIH W/ 2 JTS 2-3/8" TUBING. TAGGED AT 3,131' (PBTD). TOH AND LD 2 JTS 2-3/8" TUBING. SWI. SHUT DOWN FOR NOW. 1 BPWTR. SICP 500 PSIG. SITP 0 PSIG. BLOW DOWN WELL. TOH W/ 94 - JTS 2-3/8" TUBING, SEAT NIPPLE, 2-3/8" x 8' PERFORATED SUB AND 1 JT 2-3/8" TUBING. TIH W/ NOTCH COLLAR W/ PIN, 1 JT 2-3/8"

TUBING, 2-3/8" X 8' PERF SUB, SEAT NIPPLE AND 95 JTS TUBING. RU LUBRICATOR. RIH W/ ENERGEN 1.910" TUBING BROACH TO SEAT NIPPLE. NO TIGHT SPOTS. LD BROACH. RU SWAB TOOLS. SWAB. BFL 2,700', 8 RUNS, 16 BPW, FFL 3,000'. CLEAN FLUID NO SOLIDS. RD SWAB TOOLS. LD 1 JT 2-3/8" TUBING. LANDED TUBING WITH DONUT AS FOLLOWS; SEAT NIPPLE AT 3,058'. END OF TUBING AT 3,099'. FRUITLAND COAL PERFS FROM 2,985' TO 3,076'. PBTD 3,125'. NIPPLE DOWN BOPS. NIPPLE UP WELL HEAD. SWI. SHUT DOWN FOR NOW. SICP 800 PSIG. SITP 0 PSIG. PU CDI 2" x 1-1/2" x 12' RWAC (DV) PUMP (ENERGEN #N/A) AND 1" x 10' STRAINER NIPPLE. TIH W/ PUMP, 2 - 1-1/4" SINKER BARS, 119 - 3/4" RODS (REPLACED 25 ROD BOXES), 3 - ROD SUBS (8', 4' & 4') AND 22' POLISH ROD w/10' LINER. SEATED PUMP. PRESSURE TEST TUBING TO 750 PSIG FOR 15 MINUTES WITH 10 BBLS PRODUCED WATER. TESTED OK. RELEASE PRESSURE. LONG STROKE PUMP w/RIG TO 750 PSIG. GOOD PUMP ACTION. HANG WELL OFF. RIG DOWN MOVE OFF MESA RIG #206. RETURN WELL TO PRODUCTION 13:00 P.M., 12-08-06. 11 BPWTR. FINAL REPORT. MOVING TO CARRACAS 23A-10.

(11/17/2004 to 11/18/2004) Drove rig to location, spotted and rig up unit check pressure 280 psi csg 150 psi tbg bleed off pressure N.D. well head N.U. BOP pick up 2 jts to tag fill at 3119' TOH with 93 jts seat nipple 8' perf sub and mud jt. Secure well. Drove crew to location, held safety meeting. Check pressure 280 psi csg bleed off pressure TIH with mud jt. 8' perf sub seat nipple 94 jts to land well at 3046' to seat nipple 3088 to EOT N.D. BOP N.U. well head pick up pump 2-1 ¼" sinker bars 119 ¾" rods 1-8' & 2-4' pony subs and polish rod pump 6 bbls pressure test to 500 psi and held check pump action OK. Rig down, move off location. Add 1 new joint.

(9/13/2004) First Delivery

(7/4/2004 to 8/1/2004) Cavitate/Complete

6/28/2004 to 7/3/2004) Drilling

BLM CONDITIONS OF APPROVAL

RECOMPLETION OPERATIONS:

1. **If casing repair operations are needed, obtain prior approval from this office before commencing repairs.**

2. **A properly functioning BOP and related equipment must be installed prior to commencing casing repair, workover and/or recompletion operations.**

3. **If this well is in a Seasonal Closure Area, adhere to closure stipulations.**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

SPECIAL STIPULATIONS:

1. **Pits will be fenced during work-over operation.**

2. **All disturbance will be kept on existing pad.**

3. **All pits will be pulled and closed immediately upon completion of the work-over activities.**

4. **Pits will be lined with an impervious material at least 12 mils thick.**