Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

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

Form C-103
June 19, 2008

WELL API NO. 30-039-27273
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: State Bancos

1. Type of Well: Oil Well [ ] Gas Well [X] Other
8. Well Number #100S

2. Name of Operator: Energen Resources Corporation
9. OGRID Number: 162928

3. Address of Operator: 2010 Afton Place, Farmington, NM 87401
10. Pool name or Wildcat: Basin Fruitland Coal

4. Well Location

Unit Letter D : 720 feet from the North line and 1180 feet from the West line

Section 32 Township 32N Range 05W NMPM County Rio Arriba

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6731' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]	CHANGE PLANS [X]	COMMENCE DRILLING OPNS. [ ]	P AND A [ ]
PULL OR ALTER CASING [ ]	MULTIPLE COMPL [ ]	CASING/CEMENT JOB [ ]	
DOWNHOLE COMMINGLE [ ]			
OTHER: [ ]		OTHER:	

RECEIVED
AUG 2011
OIL CONS. DIV. DIST. 3

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.

Energen Resources would like to make the following changes to the State Bancos #100S:

*The BHL will change from 760'FNL, 760'FEL to 760'FNL, 1600'FEL.
*The 4-1/2" 11.6#, J-55 LTC perforated liner setting depth will change from 6636'MD to 5796'MD.

Attached is a revised C-102, operations plan and directional plan depicting these changes.

* Hold C-104 for NSL order from SF (30-039-27272 in same Quarter)

Spud Date: Rig Release Date:

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

SIGNATURE Stephen Byers TITLE Drilling Engineer DATE 8/2/2011

Type or print name Stephen Byers E-mail address: sbyers@energen.com PHONE 505.324.4144

For State Use Only

APPROVED BY TITLE Deputy Oil & Gas Inspector, District #3 DATE AUG 2 2 2011

Conditions of Approval (if any):

A

District I
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District II
1301 W. Grand Avenue, Artesia, NM 88210
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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 July 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-27273	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
30934	State Bancos	100S

[7] OGRID No.	[8] Operator Name	[9] Elevation
162928	Energen Resources Corporation	6731'

[10] Surface Location

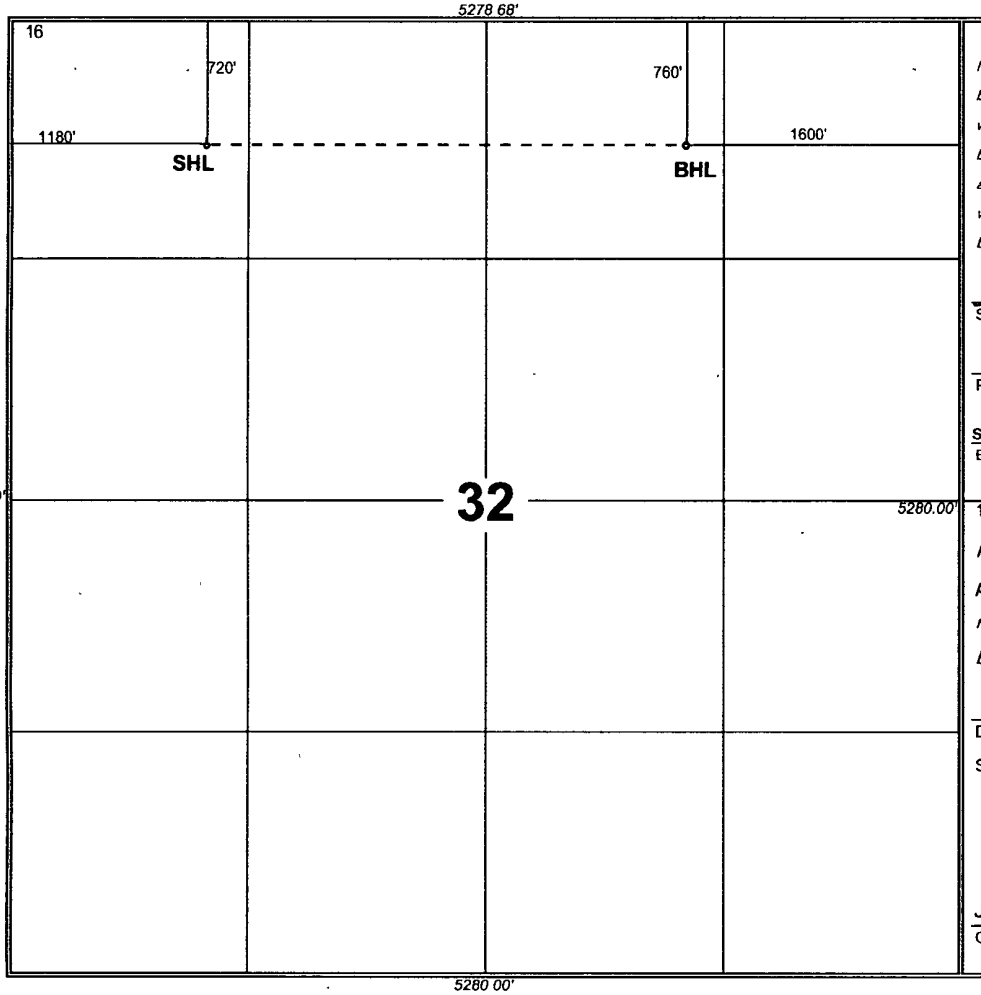
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	32N	5W		720	North	1180	West	Rio Arriba

[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
B	32	32N	5W		760	North	1600	East	Rio Arriba

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

Signature — Date: 07/25/2011

Stephen Byers
Printed Name

sbyers@energen.com
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.

November 8, 2002
Date of Survey

Signature and Seal of Professional Surveyor

Jason C. Edwards
Certificate Number 15269

8/2/2011

ENERGEN RESOURCES

OPERATIONS PLAN

WELL NAME.....State Bancos #100S
JOB TYPE.....Re-entry Sidetrack
DEPT.....Drilling and Completions
RIG.....D & J #1
PREPARED BY.....Stephen Byers

General Information

Surface Location	720 FNL 1180 FWL
S-T-R	(D) Sec.32, T32N, R5W
Bottom Hole Location	760 FNL 1600 FEL
S-T-R	(B) Sec.32, T32N, R5W
County, State	Rio Arriba, New Mexico
Elevations	6731' GL
Total Depth	5796' +/- (MD); 3435' (TVD)
Formation Objective	Basin Fruitland Coal

Formation Tops

Top Target Coal	**3425' (TVD)**
Base Target Coal	**3456' (TVD)**
Total Depth	**3435' (TVD), 5796' +/- (MD)**

Drilling

1. Set whipstock on top of the composite bridge plug left by the workover rig.
2. Orientate the whipstock at an azimuth of 91°. KOP is 3115'.
3. Run in hole with a 6-1/4" milling assembly and mill window and 15' of formation
4. Pick up 6-1/4" directional tools and follow attached directional plan
   a. The build section will be drilled with and LSND or polymer and water as directed by the mud engineer.
   b. The mud density range for the lateral section should range from 8.5-8.6 ppg based on offset data.
5. Pull out of hole. If problems are encountered before reaching the window run back to bottom and condition well for casing run. If problems are encountered continue pulling out and pick up a cleanout assembly.
6. Prior to running liner and hook hanger system, trip in hole and retrieve whipstock.
7. Run 4-1/2" 11.6# J-55, 6 shot/ft pre-drilled liner and Baker B-hook hanger system through window.

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: From KOP to TD.
Coring: None
Surveys: Every 250' while directional drilling to TD.

8/2/2011

ENERGEN RESOURCES

Casing, Tubing, & Casing Equipment

String	Interval	Wellbore	Size	Wt	Grade
Production	3115'-5796' MD 3435' TVD	6 ¼"	4 ½"	11.6 lb/ft	J-55 LT&C
Tubing	0'- 3200'MD	7"	2 3/8"	4.7 lb/ft	J-55

Casing Equipment:

Production Liner: Bull nose guide shoe on the bottom of the first joint. Perforated liner to be run in producing interval. Blank or non-perforated joints from the landing point up to the milled window.

Wellhead

3000 psi 11" x 9 5/8" casing head. 9 5/8" x 7" x 2 3/8" 5000psi Flanged wellhead.

Cementing

Production: Open Hole Completion – NO CEMENT

Other Information

1) This well will be an open hole completion
2) If lost circulation is encountered, sufficient LCM will be added to the mud system to maintain well control.
3) No abnormal temperatures or pressures for the region are anticipated.
BHP can be as high as 1500 psi.
4) This gas is dedicated.

ENERGEN
RESOURCES

Energen Resources Corp.

SJBR Sec.32-T32N-R05W
Eul Canyon
State Bancos #100S ST
Re-Entry Sidetrack OPE FTC

Plan: Sidetrack Plan #2

DIRECTIONAL PLAN

01 August, 2011

Prepared By: Stephen Byers

ENERGEN RESOURCES

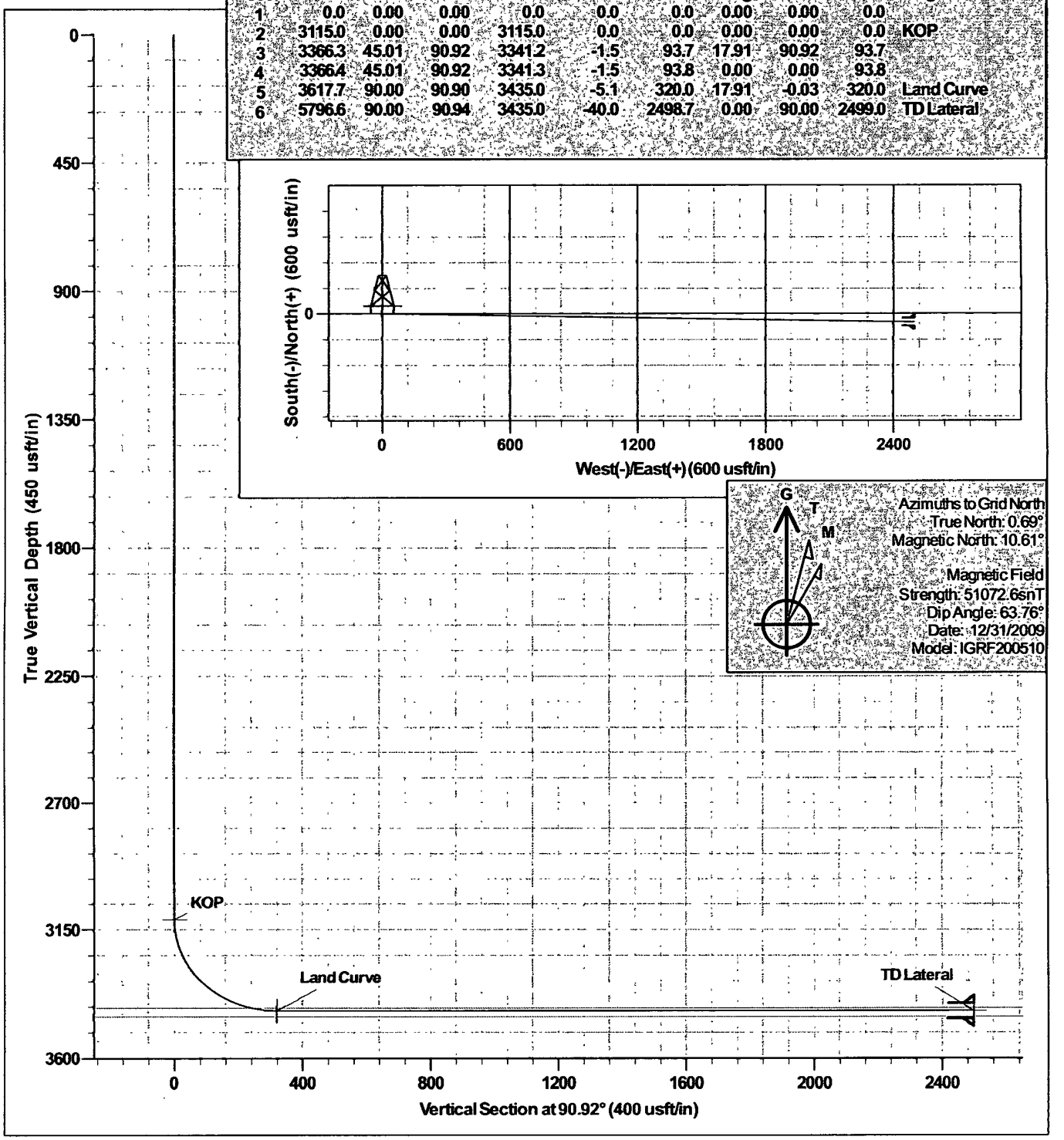
Project: SJBR Sec.32-T32N-R05W
Site: Eul Canyon
Well: State Bancos #100S ST
Wellbore: Re-Entry Sidetrack OPE FTC
Design: Sidetrack Plan #2

PROJECT DETAILS:
SJBR Sec.32-T32N-R05W

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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3115.0	0.00	0.00	3115.0	0.0	0.0	0.00	0.00	0.0	KOP
3	3366.3	45.01	90.92	3341.2	-1.5	93.7	17.91	90.92	93.7	
4	3366.4	45.01	90.92	3341.3	-1.5	93.8	0.00	0.00	93.8	
5	3617.7	90.00	90.90	3435.0	-5.1	320.0	17.91	-0.03	320.0	Land Curve
6	5796.6	90.00	90.94	3435.0	-40.0	2498.7	0.00	90.00	2499.0	TD Lateral



Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Site Eul Canyon
Project:	SJBR Sec.32-T32N-R05W	**TVD Reference:**	KB @ 6746.0usft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6746.0usft (KB)
Well:	State Bancos #100S ST	**North Reference:**	Grid
Wellbore:	Re-Entry Sidetrack OPE FTC	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack Plan #2	**Database:**	EDM 5000.1 Single User Db

Project	SJBR Sec.32-T32N-R05W		
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:**	2,164,268.81 usft	**Latitude:**	36° 56' 32.136 N
From:	Lat/Long	**Easting:**	1,307,175.89 usft	**Longitude:**	107° 23' 25.224 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	-0.69 °

Well	State Bancos #100S ST					
Well Position	**+N/-S**	0.0 usft	**Northing:**	2,164,268.81 usf	**Latitude:**	36° 56' 32.136 N
	+E/-W	0.0 usft	**Easting:**	1,307,175.89 usf	**Longitude:**	107° 23' 25.224 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	6,731.0 usf	**Ground Level:**	6,731.0 usft

Wellbore	Re-Entry Sidetrack OPE FTC			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	9.92	63.76	51,073

Design	Sidetrack Plan #2				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	90.92	

Survey Tool Program	**Date** 8/1/2011		
From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
0.0	5,796 6	Sidetrack Plan #2 (Re-Entry Sidetrack OP	MWD	MWD - Standard

Planned Survey

MD (usft)	TVD (usft)	Inc (°)	Azi (°)	Build (°/100usft)	N/S (usft)	E/W (usft)	V. Sec (usft)
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:**	Site Eul Canyon
Project:	SJBR Sec.32-T32N-R05W	**TVD Reference:**	KB @ 6746.0usft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6746.0usft (KB)
Well:	State Bancos #100S ST	**North Reference:**	Grid
Wellbore:	Re-Entry Sidetrack OPE FTC	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack Plan #2	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	TVD (usft)	Inc (°)	Azi (°)	Build (°/100usft)	N/S (usft)	E/W (usft)	V. Sec (usft)
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
2,800.0	2,800 0	0.00	0.00	0.00	0.0	0.0	0.0
2,900.0	2,900.0	0.00	0.00	0.00	0.0	0.0	0.0
3,000 0	3,000 0	0.00	0.00	0.00	0.0	0.0	0.0
3,100 0	3,100 0	0 00	0.00	0.00	0.0	0.0	0.0
3,115.0	3,115.0	0 00	0.00	0.00	0.0	0.0	0 0
				KOP			
3,125.0	3,125.0	1.79	90.92	17.91	0.0	0.2	0.2
3,150.0	3,149.9	6.27	90.92	17.91	0.0	1.9	1.9
3,175.0	3,174.6	10.75	90.92	17.91	-0.1	5.6	5.6
3,200.0	3,199.0	15.22	90.92	17.91	-0.2	11.2	11.2
3,225.0	3,222.8	19.70	90.92	17.91	-0.3	18.7	18.7
3,250.0	3,246.0	24.18	90.92	17.91	-0.5	28.1	28.1
3,275.0	3,268.4	28.66	90.92	17.91	-0.6	39.2	39 2
3,300.0	3,289.9	33.13	90.92	17.91	-0.8	52.0	52.0
3,325.0	3,310.2	37.61	90.92	17.91	-1.1	66.5	66.5
3,350.0	3,329.4	42.09	90.92	17.91	-1.3	82.5	82.5
3,366.3	3,341.2	45.01	90.92	17.93	-1 5	93.7	93.7
3,366.4	3,341.3	45.01	90.92	0 00	-1.5	93.8	93.8
3,375.0	3,347.3	46.55	90.92	17.91	-1 6	100.0	100.0
3,400.0	3,363.8	51 02	90.92	17.91	-1.9	118.8	118.8
3,425.0	3,378.7	55.50	90.92	17.91	-2.2	138.8	138.8
3,450.0	3,392.1	59.98	90.91	17.91	-2.6	159 9	159.9
3,475.0	3,403.7	64.45	90.91	17.91	-2.9	182.0	182.0
3,500.0	3,413.6	68.93	90.91	17.91	-3.3	205.0	205.0
3,525.0	3,421.7	73.41	90.91	17.91	-3.7	228.6	228 7
3,537.5	3,425.0	75.64	90.91	17.91	-3.8	240.7	240.7
				Top Target Coal			
3,550.0	3,427.9	77.88	90.90	17.91	-4.0	252.8	252.9
3,575.0	3,432.2	82.36	90.90	17.91	-4.4	277.5	277 5

Energen

DIRECTIONAL PLAN

Company:	Energen Resources	**Local Co-ordinate Reference:**	Site Eul Canyon
Project:	SJBR Sec.32-T32N-R05W	**TVD Reference:**	KB @ 6746.0usft (KB)
Site:	Eul Canyon	**MD Reference:**	KB @ 6746.0usft (KB)
Well:	State Bancos #100S ST	**North Reference:**	Grid
Wellbore:	Re-Entry Sidetrack OPE FTC	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack Plan #2	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	TVD (usft)	Inc (°)	Azi (°)	Build (°/100usft)	N/S (usft)	E/W (usft)	V. Sec (usft)
3,600.0	3,434.5	86 84	90.90	17 91	-4.8	302.3	302.4
3,617 7	3,435.0	90.00	90.90	17 89	-5.1	320.0	320.0
				Land Curve			
3,700.0	3,435.0	90.00	90.90	0.00	-6.4	402.3	402.4
3,800.0	3,435.0	90.00	90.90	0.00	-8.0	502.3	502.4
3,900.0	3,435.0	90.00	90.90	0.00	-9.5	602.3	602.4
4,000.0	3,435.0	90.00	90.91	0.00	-11.1	702.3	702 4
4,100.0	3,435.0	90.00	90.91	0.00	-12 7	802.3	802.4
4,200 0	3,435.0	90.00	90 91	0.00	-14.3	902 3	902.4
4,300.0	3,435.0	90.00	90.91	0.00	-15.9	1,002.2	1,002.4
4,400.0	3,435.0	90.00	90.91	0.00	-17.5	1,102.2	1,102.4
4,500.0	3,435.0	90.00	90.91	0.00	-19.1	1,202.2	1,202.4
4,600.0	3,435.0	90 00	90 92	0.00	-20.7	1,302.2	1,302.4
4,700.0	3,435.0	90.00	90.92	0.00	-22.3	1,402.2	1,402.4
4,800.0	3,435.0	90.00	90.92	0.00	-23.9	1,502.2	1,502.4
4,900.0	3,435 0	90 00	90.92	0 00	-25 5	1,602.2	1,602.4
5,000.0	3,435 0	90.00	90.92	0.00	-27 1	1,702.2	1,702.4
5,100.0	3,435.0	90.00	90.92	0.00	-28.7	1,802.1	1,802.4
5,200.0	3,435.0	90.00	90.93	0.00	-30.3	1,902.1	1,902.4
5,300.0	3,435.0	90.00	90.93	0.00	-31.9	2,002.1	2,002.4
5,400.0	3,435.0	90.00	90.93	0.00	-33.5	2,102.1	2,102 4
5,500 0	3,435.0	90.00	90.93	0.00	-35.2	2,202.1	2,202.4
5,600.0	3,435.0	90.00	90.93	0.00	-36.8	2,302.1	2,302.4
5,700.0	3,435.0	90.00	90 93	0.00	-38.4	2,402.1	2,402.4
5,796.6	3,435.0	90.00	90.94	0.00	-40 0	2,498.7	2,499.0
				TD Lateral			

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,796.0	3,435.0	Liner	4-1/2	6-1/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,537.5	3,425.0	Top Target Coal		0.00	

Checked By: _____ Approved By: _____ Date: _____