

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
State of New Mexico
Energy, Minerals and Natural Resources
FEB 19 2020

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-46624
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SHELBY 23
8. Well Number 2H
9. OGRID Number 328947
10. Pool name or Wildcat N. SEVEN RIVERS; GLORIETA-YESO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3422' GR

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐
2. Name of Operator SPUR ENERGY PARTNERS, LLC
3. Address of Operator 920 MEMORIAL CITY WAY, SUITE 1000, HOUSTON, TX 77024
4. Well Location Unit Letter <u>B</u> : <u>1246</u> feet from the <u>NORTH</u> line and <u>1961</u> feet from the <u>EAST</u> line Section <u>26</u> 19S Township 25E Range NMPM EDDY County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3422' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Spur Energy Partners, LLC respectfully requests to amend the permitted wellbore from 2250' FWL to 2300' FWL.

Please find updated C-102, directional plot and plan for your use.

Spud Date:

N/A

Rig Release Date:

N/A

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

SIGNATURE

Sarah Chapman

TITLE REGULATORY DIRECTOR

DATE 02/18/2020

Type or print name

SARAH CHAPMAN

E-mail address:

SCAPMAN@SPUREPLLC.COM

PHONE:

832-930-8613

For State Use Only

APPROVED BY:

Raymond R. Bidong

TITLE

Geologist

DATE

2-19-2020

Conditions of Approval (if any):

RECEIVED

FEB 19 2020

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION
1220 South St. Francis Dr.
Santa Fe, NM 87505

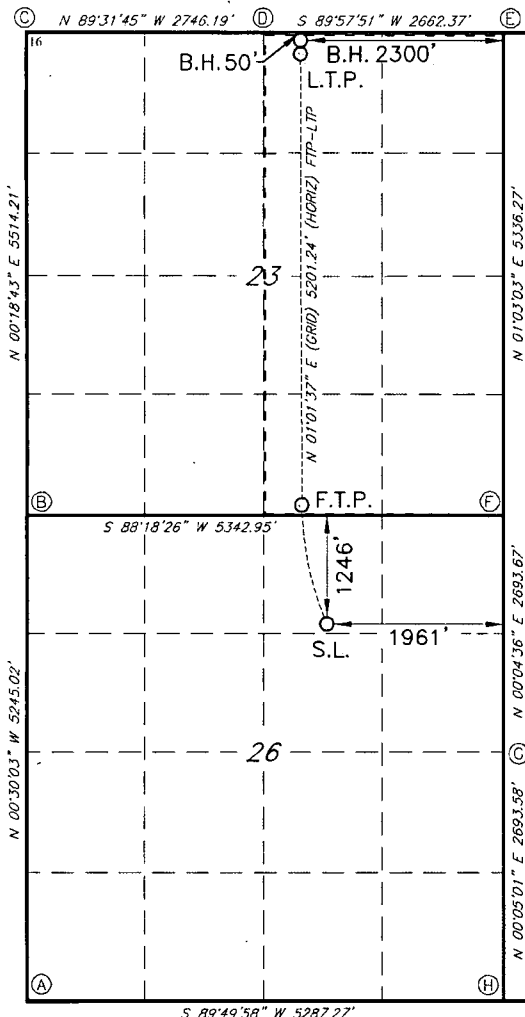
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46624		² Pool Code 97565		³ Pool Name N. Seven Rivers; Glorieta-Yeso	
⁴ Property Code		⁵ Property Name SHELBY 23		⁶ Well Number 2H	
⁷ OGRID NO. 328947		⁸ Operator Name SPUR ENERGY PARTNERS LLC		⁹ Elevation 3422'	
¹⁰ Surface Location					
UL or lot no. B	Section 26	Township 19S	Range 25E	Lot Idn	Feet from the 1246
				North/South line NORTH	Feet From the 1961
				East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. B	Section 23	Township 19S	Range 25E	Lot Idn	Feet from the 50
				North/South line NORTH	Feet from the 2300
				East/West line EAST	County EDDY
¹² Dedicated Acres 320		¹³ Joint or Infill I	¹⁴ Consolidation Code		¹⁵ Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N: 594944.6 - E: 504431.0
LAT: 32.6354944° N
LONG: 104.4532253° W
FIRST TAKE POINT
101'-FSL/2300'-FEL (Sec. 23)
N: 596282.5 - E: 504096.9
LAT: 32.6391710° N
LONG: 104.4543157° W
LAST TAKE POINT
100'-FNL/2300'-FEL (Sec. 23)
N: 601481.6 - E: 504190.1
LAT: 32.6534621° N
LONG: 104.4540321° W
BOTTOM HOLE
N: 601531.6 - E: 504191.0
LAT: 32.6535996° N
LONG: 104.4540294° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND 1/2" REBAR
N: 590847.7 - E: 501100.1
B: FOUND 1/2" REBAR
N: 596091.2 - E: 501054.3
C: FOUND 600D NAIL
N: 601603.9 - E: 501084.3
D: FOUND SPIKE NAIL
N: 601581.4 - E: 503829.7
E: FOUND 1/2" REBAR
N: 601583.0 - E: 506491.4
F: FOUND 5/8" REBAR
N: 596249.0 - E: 506393.5
G: FOUND YPC "PS 12641"
N: 593556.0 - E: 506389.9
H: FOUND YPC "PS 12641"
N: 590863.1 - E: 506386.0

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.

Joseph Chapman 2/18/2020
Signature Date
Joseph Chapman
Printed Name
jchorman@spwr-epllc.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.

12-11-2019
Date of Survey
Signature and Seal of Professional Surveyor
ROBERT M. HOWETT
19680
Certificate Number

REV: 2/12/2020 FTP-LTP-BHL

RRC-Job No: LS19121144

RUP-2-19-2020

Intent ☒ As Drilled ☐

API #
30-015-46624

Operator Name: SPUR ENERGY PARTNERS, LLC	Property Name: SHELBY 23	Well Number 2H
---	-----------------------------	-------------------

Kick Off Point (KOP)

UL B	Section 26	Township 19S	Range 25E	Lot	Feet 776	From N/S NORTH	Feet 2234	From E/W EAST	County EDDY
Latitude 32.63679					Longitude -104.453999			NAD NAD83	

First Take Point (FTP)

UL 0	Section 23	Township 19S	Range 25E	Lot	Feet 101	From N/S SOUTH	Feet 2300	From E/W EAST	County EDDY
Latitude 32.6391710					Longitude -104.4543157			NAD NAD83	

Last Take Point (LTP)

UL B	Section 23	Township 19S	Range 25E	Lot	Feet 100	From N/S NORTH	Feet 2300	From E/W EAST	County EDDY
Latitude 32.6534621					Longitude -104.4540321			NAD NAD83	

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well?

YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-015-46626

Operator Name: SPUR ENERGY PARTNERS, LLC	Property Name: SHELBY 23	Well Number 4H
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KZ 06/29/2018



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Shelby 23
Well: #2H
Wellbore: OH
Rig: Akita 57
Design: Plan #3 / 12:51, January 27 2020

WELL DETAILS: #2H

RKB=20' @ 3442.00usft (Akita 57)

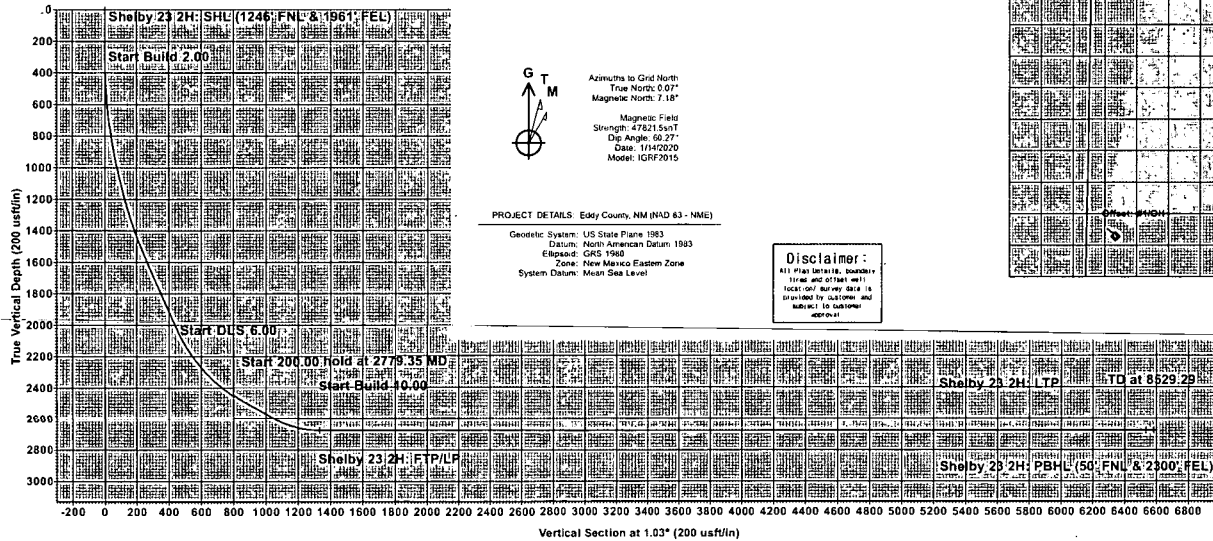
	+N-S	+E-W	Northing	Easting	Latitude	Longitude
	0.00	0.00	594944.80	504431.00	32.635495	-104.453225

SECTION DETAILS

Sec	MD	Inc	Adj	TVD	+N-S	+E-W	Dleg	Vsect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	306.00	0.00	0.00	306.00	0.00	0.00	0.00	0.00
3	1642.69	26.85	329.37	1594.07	265.82	-157.42	2.00	262.94
4	2132.26	26.85	329.37	2030.84	456.10	-270.10	0.00	451.17
5	2779.35	60.00	1.03	2499.34	878.29	-342.34	6.00	871.99
6	2979.35	60.00	1.03	2559.34	1051.47	-339.23	0.00	1045.20
7	3279.35	90.00	1.03	2676.10	1337.90	-334.10	10.00	1331.68
8	8529.29	90.00	1.03	2676.10	6587.00	-240.00	6.00	6581.62

DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
Shelby 23 2H: SHL (1246' FNL & 1961' FEL)	0.00	0.00	0.00	594944.80	504431.00	32.635495	-104.453225
Shelby 23 2H: FTP/LP	2676.10	1337.90	-334.10	596282.50	504096.90	32.639171	-104.454316
Shelby 23 2H: LTP	2676.10	6537.00	-240.90	601481.60	504190.10	32.653462	-104.454032
Shelby 23 2H: PBHL (50' FNL & 2300' FEL)	2676.10	6587.00	-240.00	601531.60	504191.00	32.653600	-104.454029

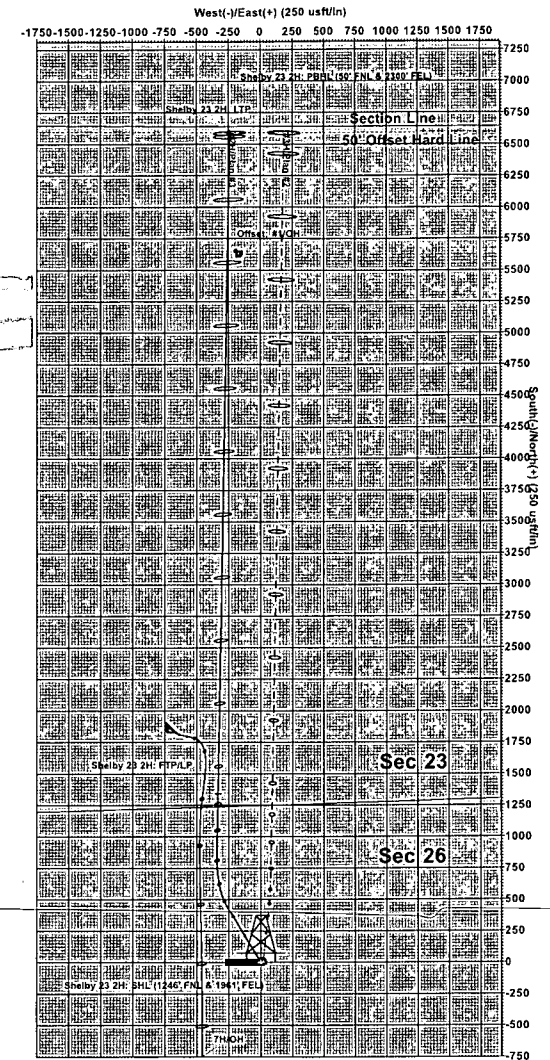
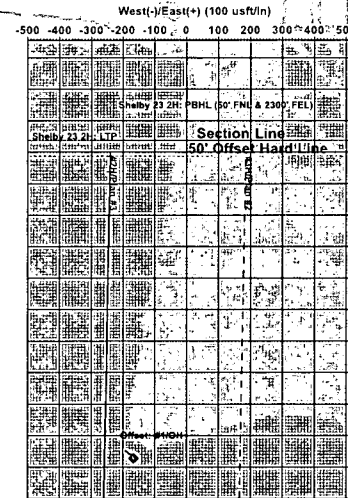
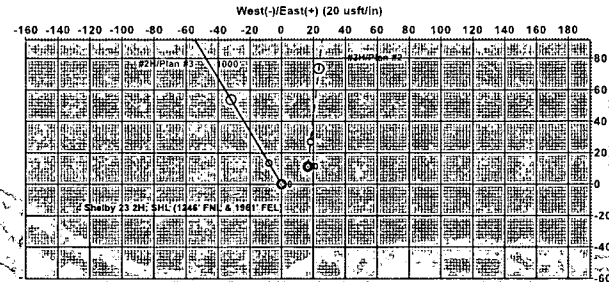


Azimuths to Grid North
True North: 0.07°
Magnetic North: 7.18°
Magnetic Field
Strength: 47821.5nT
Dip Angle: 60.27°
Date: 1/14/2020
Model: IGRF2015

PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)

Geospatial System: US State Plane 1983
Datum: North American Datum: 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Disclaimer:
All plan details, boundaries, lines and other well information is provided for informational purposes only and is not to be used for any other purpose without the approval of the client.



Plan: Plan #3 (#2H/OH) Akita 57

Created By: Derek Stephens Date: 12:51, January 27 2020



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Shelby 23

#2H

OH

Plan: Plan #3

Standard Plan With Toolface

27 January, 2020

Company: Spur Energy Partners, LLC Project: Eddy County, NM (NAD 83 - NME) Site: Shelby 23 Well: #2H Wellbore: OH Design: Plan #3		Local Co-ordinate Reference: Well #2H TVD Reference: RKB=20' @ 3442.00usft (Akita 57) MD Reference: RKB=20' @ 3442.00usft (Akita 57) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: WBDS_SQL_2	
Project: Eddy County, NM (NAD 83 - NME) Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: New Mexico Eastern Zone		System Datum: Mean Sea Level	
Site: Shelby 23			
Site Position: From: Map Position Uncertainty: 0.00 usft		Northing: 594,944.60 usft Easting: 504,431.00 usft Slot Radius: 13.200 in Latitude: 32.635495 Longitude: -104.453225 Grid Convergence: -0.065 °	
Well: #2H			
Well Position: +N/-S 0.00 usft +/-W 0.00 usft Position Uncertainty: 0.00 usft		Northing: 594,944.60 usft Easting: 504,431.00 usft Wellhead Elevation: usft Latitude: 32.635495 Longitude: -104.453225 Ground Level: 3,422.00 usft	
Wellbore: OH			
Magnetics		Field Strength	
Model Name IGRF2015	Sample Date 1/14/2020	Declination (°) 7.116	Dip Angle (°) 60.266
		Field Strength (nT) 47,821.53727025	
Design: Plan #3			
Audit Notes:			
Version:		Phase: PLAN Tie On Depth: 0.00	
Vertical Section:		Direction	
	Depth From (TVD) (usft) 0.00	+N/-S (usft) 0.00	+E/-W (usft) 0.00
			Direction (°) 1.03
Survey Tool Program			
Date 1/27/2020			
From (usft) 0.00	To (usft) 8,529.29	Survey (Wellbore) Plan #3 (OH)	Tool Name MWD+IGRF Description OWSG MWD + IGRF or WMM

Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Shelby 23
Well: #2H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB=20' @ 3442.00usft (Akita 57)
MD Reference: RKB=20' @ 3442.00usft (Akita 57)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
400.00	2.00	329.37	399.98	1.50	-0.89	1.49	2.00	2.00	0.00	329.366
500.00	4.00	329.37	499.84	6.00	-3.56	5.94	2.00	2.00	0.00	0.000
600.00	6.00	329.37	599.45	13.50	-8.00	13.36	2.00	2.00	0.00	0.000
700.00	8.00	329.37	698.70	23.99	-14.21	23.73	2.00	2.00	0.00	0.000
800.00	10.00	329.37	797.47	37.45	-22.18	37.04	2.00	2.00	0.00	0.000
900.00	12.00	329.37	895.62	53.87	-31.90	53.28	2.00	2.00	0.00	0.000
1,000.00	14.00	329.37	993.06	73.22	-43.36	72.43	2.00	2.00	0.00	0.000
1,100.00	16.00	329.37	1,089.64	95.49	-56.55	94.46	2.00	2.00	0.00	0.000
1,200.00	18.00	329.37	1,185.27	120.64	-71.45	119.34	2.00	2.00	0.00	0.000
1,300.00	20.00	329.37	1,279.82	148.66	-88.03	147.05	2.00	2.00	0.00	0.000
1,400.00	22.00	329.37	1,373.17	179.49	-106.29	177.55	2.00	2.00	0.00	0.000
1,500.00	24.00	329.37	1,465.21	213.11	-126.20	210.81	2.00	2.00	0.00	0.000
1,600.00	26.00	329.37	1,555.84	249.47	-147.74	246.77	2.00	2.00	0.00	0.000
1,642.69	26.85	329.37	1,594.07	265.82	-157.42	262.94	2.00	2.00	0.00	0.000
1,700.00	26.85	329.37	1,645.20	288.09	-170.61	284.98	0.00	0.00	0.00	0.000
1,800.00	26.85	329.37	1,734.42	326.96	-193.63	323.43	0.00	0.00	0.00	0.000
1,900.00	26.85	329.37	1,823.63	365.83	-216.64	361.87	0.00	0.00	0.00	0.000
2,000.00	26.85	329.37	1,912.85	404.70	-239.66	400.32	0.00	0.00	0.00	0.000
2,100.00	26.85	329.37	2,002.06	443.56	-262.68	438.77	0.00	0.00	0.00	0.000
2,132.26	26.85	329.37	2,030.84	456.10	-270.10	451.17	0.00	0.00	0.00	0.000
2,150.00	27.60	331.03	2,046.62	463.14	-274.14	458.14	6.00	4.19	9.39	46.473
2,200.00	29.79	335.30	2,090.48	484.57	-284.94	479.36	6.00	4.38	8.54	44.991
2,250.00	32.10	339.03	2,133.37	508.26	-294.88	502.88	6.00	4.62	7.45	41.243

Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Shelby 23
Well: #2H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB=20' @ 3442.00usft (Akita 57)
MD Reference: RKB=20' @ 3442.00usft (Akita 57)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec. (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
2,300.00	34.51	342.29	2,175.16	534.16	-303.95	528.61	6.00	4.81	6.53	38.049
2,350.00	36.99	345.17	2,215.74	562.20	-312.11	556.50	6.00	4.97	5.77	35.320
2,400.00	39.54	347.74	2,254.99	592.30	-319.34	586.46	6.00	5.09	5.13	32.980
2,450.00	42.13	350.04	2,292.82	624.37	-325.62	618.42	6.00	5.19	4.60	30.965
2,500.00	44.77	352.12	2,329.12	658.34	-330.94	652.28	6.00	5.28	4.16	29.224
2,550.00	47.44	354.01	2,363.79	694.10	-335.27	687.96	6.00	5.34	3.79	27.714
2,600.00	50.14	355.75	2,396.73	731.56	-338.62	725.36	6.00	5.40	3.47	26.401
2,650.00	52.87	357.35	2,427.85	770.62	-340.96	764.36	6.00	5.45	3.21	25.256
2,700.00	55.61	358.85	2,457.07	811.16	-342.30	804.88	6.00	5.49	2.99	24.256
2,750.00	58.37	0.24	2,484.30	853.09	-342.62	846.79	6.00	5.52	2.80	23.384
2,779.35	60.00	1.03	2,499.34	878.29	-342.34	871.99	6.00	5.55	2.66	22.622
2,800.00	60.00	1.03	2,509.66	896.17	-342.02	889.88	0.00	0.00	0.00	0.000
2,900.00	60.00	1.03	2,559.66	982.76	-340.47	976.48	0.00	0.00	0.00	0.000
2,979.35	60.00	1.03	2,599.34	1,051.47	-339.23	1,045.20	0.00	0.00	0.00	0.000
3,000.00	62.06	1.03	2,609.34	1,069.53	-338.91	1,063.26	10.00	10.00	0.00	0.000
3,050.00	67.06	1.03	2,630.81	1,114.66	-338.10	1,108.40	10.00	10.00	0.00	0.000
3,100.00	72.06	1.03	2,648.26	1,161.49	-337.26	1,155.24	10.00	10.00	0.00	0.000
3,150.00	77.06	1.03	2,661.56	1,209.67	-336.40	1,203.42	10.00	10.00	0.00	0.000
3,200.00	82.06	1.03	2,670.61	1,258.82	-335.52	1,252.58	10.00	10.00	0.00	0.000
3,250.00	87.06	1.03	2,675.35	1,308.57	-334.63	1,302.34	10.00	10.00	0.00	0.000
3,279.35	90.00	1.03	2,676.10	1,337.90	-334.10	1,331.68	10.00	10.00	0.00	0.000
3,300.00	90.00	1.03	2,676.10	1,358.55	-333.73	1,352.33	0.00	0.00	0.00	0.000
3,400.00	90.00	1.03	2,676.10	1,458.53	-331.94	1,452.33	0.00	0.00	0.00	0.000
3,500.00	90.00	1.03	2,676.10	1,558.51	-330.15	1,552.33	0.00	0.00	0.00	0.000
3,600.00	90.00	1.03	2,676.10	1,658.50	-328.35	1,652.33	0.00	0.00	0.00	0.000
3,700.00	90.00	1.03	2,676.10	1,758.48	-326.56	1,752.33	0.00	0.00	0.00	0.000
3,800.00	90.00	1.03	2,676.10	1,858.47	-324.77	1,852.33	0.00	0.00	0.00	0.000

Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Shelby 23
Well: #2H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB=20' @ 3442.00usft (Akita 57)
MD Reference: RKB=20' @ 3442.00usft (Akita 57)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
3,900.00	90.00	1.03	2,676.10	1,958.45	-322.98	1,952.33	0.00	0.00	0.00	0.000
4,000.00	90.00	1.03	2,676.10	2,058.43	-321.18	2,052.33	0.00	0.00	0.00	0.000
4,100.00	90.00	1.03	2,676.10	2,158.42	-319.39	2,152.33	0.00	0.00	0.00	0.000
4,200.00	90.00	1.03	2,676.10	2,258.40	-317.60	2,252.33	0.00	0.00	0.00	0.000
4,300.00	90.00	1.03	2,676.10	2,358.39	-315.81	2,352.33	0.00	0.00	0.00	0.000
4,400.00	90.00	1.03	2,676.10	2,458.37	-314.01	2,452.33	0.00	0.00	0.00	0.000
4,500.00	90.00	1.03	2,676.10	2,558.35	-312.22	2,552.33	0.00	0.00	0.00	0.000
4,600.00	90.00	1.03	2,676.10	2,658.34	-310.43	2,652.33	0.00	0.00	0.00	0.000
4,700.00	90.00	1.03	2,676.10	2,758.32	-308.64	2,752.33	0.00	0.00	0.00	0.000
4,800.00	90.00	1.03	2,676.10	2,858.30	-306.84	2,852.33	0.00	0.00	0.00	0.000
4,900.00	90.00	1.03	2,676.10	2,958.29	-305.05	2,952.33	0.00	0.00	0.00	0.000
5,000.00	90.00	1.03	2,676.10	3,058.27	-303.26	3,052.33	0.00	0.00	0.00	0.000
5,100.00	90.00	1.03	2,676.10	3,158.26	-301.47	3,152.33	0.00	0.00	0.00	0.000
5,200.00	90.00	1.03	2,676.10	3,258.24	-299.67	3,252.33	0.00	0.00	0.00	0.000
5,300.00	90.00	1.03	2,676.10	3,358.22	-297.88	3,352.33	0.00	0.00	0.00	0.000
5,400.00	90.00	1.03	2,676.10	3,458.21	-296.09	3,452.33	0.00	0.00	0.00	0.000
5,500.00	90.00	1.03	2,676.10	3,558.19	-294.30	3,552.33	0.00	0.00	0.00	0.000
5,600.00	90.00	1.03	2,676.10	3,658.18	-292.50	3,652.33	0.00	0.00	0.00	0.000
5,700.00	90.00	1.03	2,676.10	3,758.16	-290.71	3,752.33	0.00	0.00	0.00	0.000
5,800.00	90.00	1.03	2,676.10	3,858.14	-288.92	3,852.33	0.00	0.00	0.00	0.000
5,900.00	90.00	1.03	2,676.10	3,958.13	-287.13	3,952.33	0.00	0.00	0.00	0.000
6,000.00	90.00	1.03	2,676.10	4,058.11	-285.34	4,052.33	0.00	0.00	0.00	0.000
6,100.00	90.00	1.03	2,676.10	4,158.10	-283.54	4,152.33	0.00	0.00	0.00	0.000
6,200.00	90.00	1.03	2,676.10	4,258.08	-281.75	4,252.33	0.00	0.00	0.00	0.000
6,300.00	90.00	1.03	2,676.10	4,358.06	-279.96	4,352.33	0.00	0.00	0.00	0.000
6,400.00	90.00	1.03	2,676.10	4,458.05	-278.17	4,452.33	0.00	0.00	0.00	0.000
6,500.00	90.00	1.03	2,676.10	4,558.03	-276.37	4,552.33	0.00	0.00	0.00	0.000

Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Shelby 23
Well: #2H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB=20' @ 3442.00usft (Akita 57)
MD Reference: RKB=20' @ 3442.00usft (Akita 57)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6,600.00	90.00	1.03	2,676.10	4,658.02	-274.58	4,652.33	0.00	0.00	0.00	0.000
6,700.00	90.00	1.03	2,676.10	4,758.00	-272.79	4,752.33	0.00	0.00	0.00	0.000
6,800.00	90.00	1.03	2,676.10	4,857.98	-271.00	4,852.33	0.00	0.00	0.00	0.000
6,900.00	90.00	1.03	2,676.10	4,957.97	-269.20	4,952.33	0.00	0.00	0.00	0.000
7,000.00	90.00	1.03	2,676.10	5,057.95	-267.41	5,052.33	0.00	0.00	0.00	0.000
7,100.00	90.00	1.03	2,676.10	5,157.94	-265.62	5,152.33	0.00	0.00	0.00	0.000
7,200.00	90.00	1.03	2,676.10	5,257.92	-263.83	5,252.33	0.00	0.00	0.00	0.000
7,300.00	90.00	1.03	2,676.10	5,357.90	-262.03	5,352.33	0.00	0.00	0.00	0.000
7,400.00	90.00	1.03	2,676.10	5,457.89	-260.24	5,452.33	0.00	0.00	0.00	0.000
7,500.00	90.00	1.03	2,676.10	5,557.87	-258.45	5,552.33	0.00	0.00	0.00	0.000
7,600.00	90.00	1.03	2,676.10	5,657.86	-256.66	5,652.33	0.00	0.00	0.00	0.000
7,700.00	90.00	1.03	2,676.10	5,757.84	-254.86	5,752.33	0.00	0.00	0.00	0.000
7,800.00	90.00	1.03	2,676.10	5,857.82	-253.07	5,852.33	0.00	0.00	0.00	0.000
7,900.00	90.00	1.03	2,676.10	5,957.81	-251.28	5,952.33	0.00	0.00	0.00	0.000
8,000.00	90.00	1.03	2,676.10	6,057.79	-249.49	6,052.33	0.00	0.00	0.00	0.000
8,100.00	90.00	1.03	2,676.10	6,157.77	-247.69	6,152.33	0.00	0.00	0.00	0.000
8,200.00	90.00	1.03	2,676.10	6,257.76	-245.90	6,252.33	0.00	0.00	0.00	0.000
8,300.00	90.00	1.03	2,676.10	6,357.74	-244.11	6,352.33	0.00	0.00	0.00	0.000
8,400.00	90.00	1.03	2,676.10	6,457.73	-242.32	6,452.33	0.00	0.00	0.00	0.000
8,500.00	90.00	1.03	2,676.10	6,557.71	-240.53	6,552.33	0.00	0.00	0.00	0.000
8,529.29	90.00	1.03	2,676.10	6,587.00	-240.00	6,581.62	0.00	0.00	0.00	0.000

Checked By: _____ Approved By: _____ Date: _____