

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Received 03/31/2020
NMOCD District 2

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address TAP ROCK OPERATING, LLC 602 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401		² OGRID Number 372043	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30 - 0 15-46120	⁵ Pool Name PURPLE SAGE, WOLFCAMP		⁶ Pool Code 98220
⁷ Property Code 319943	⁸ Property Name CYPRESS 34 FEDERAL		⁹ Well Number 243H

II. 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
A	3	24S	29E	1	241	NORTH	1196	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23S	29E		100	NORTH	2456	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	O
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	G

IV. Well Completion Data

²¹ Spud Date 8/4/19	²² Ready Date 11/9/2019	²³ TD 16396	²⁴ PBTD 16316'	²⁵ Perforations 11276'-16227'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2"		13 3/8"	434'		560
12 1/4"		9 5/8"	3142'		1172
8 3/4"		7 5/8"	10535'		676
6 3/4		5 1/2", 5"	10036',16366'		721

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:			OIL CONSERVATION DIVISION Approved by: DENIED Title: EXP. RT - 2/09/2020 Approval Date: 		
Printed name: Bill Ramsey					
Title: Regulatory Anlayst					
E-mail Address: bramsey@taprk.com					
Date: 3/18/2020		Phone: 720-360-4028			

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 DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-46010	Pool Code 97565	Pool Name N. SEVEN RIVERS; GLORIETA YESO
Property Code 317237	Property Name DORAMI 33 FED COM	Well Number 2H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS, LLC	Elevation 3529'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	34	19-S	25-E		1950	SOUTH	850	WEST	EDDY

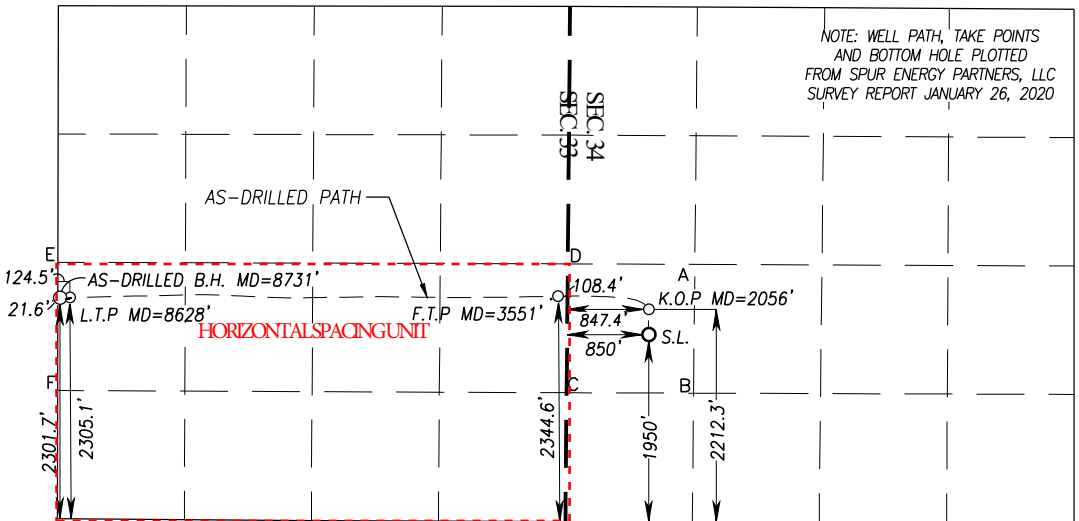
AS-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	19-S	25-E		2301.7	SOUTH	21.6	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

SCALE: 1"=2000'



NOTE: WELL PATH, TAKE POINTS
AND BOTTOM HOLE PLOTTED
FROM SPUR ENERGY PARTNERS, LLC
SURVEY REPORT JANUARY 26, 2020

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sarah Chapman 03/30/2020
Signature Date

SARAH CHAPMAN

Printed Name

SCHAPMAN@SPUREPLLC.COM

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the information 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.

OCTOBER 04, 2018

Date of Survey
Signature of Professional Surveyor

12641

Seal of Professional Surveyor

Gary G. Eidson 3/30/2020

Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

LSL Rel. W.o. 18.11.0954 JWSC W.O.: 20.13.0171

CORNER COORDINATES TABLE
NAD 83 NME

A - Y= 588256.2 N, X= 497137.5 E
B - Y= 586915.8 N, X= 497124.1 E
C - Y= 586920.4 N, X= 495802.2 E
D - Y= 588261.8 N, X= 495814.5 E
E - Y= 588278.7 N, X= 490506.6 E
F - Y= 586943.0 N, X= 490504.0 E

CORNER COORDINATES TABLE
NAD 27 NME

A - Y= 588195.5 N, X= 455959.0 E
B - Y= 586855.2 N, X= 455945.6 E
C - Y= 586859.8 N, X= 454623.7 E
D - Y= 588201.1 N, X= 454636.0 E
E - Y= 588218.1 N, X= 449328.3 E
F - Y= 586882.5 N, X= 449325.7 E

AS-DRILLED
BOTTOM HOLE LOCATION
NAD 27 NME

Y= 587847.7 N
X= 449349.1 E
LAT.=32.615990° N
LONG.=104.497835° W

LAST TAKE POINT
NAD 27 NME

Y= 587850.4 N
X= 449452.0 E
LAT.=32.615997° N
LONG.=104.497501° W

FIRST TAKE POINT
NAD 27 NME

Y= 587862.6 N
X= 454524.6 E
LAT.=32.616051° N
LONG.=104.481027° W

KICK OFF POINT
NAD 27 NME

Y= 587727.2 N
X= 455478.9 E
LAT.=32.615683° N
LONG.=104.477927° W

GEODETIC COORDINATES
NAD 27 NME

Y= 587465.0 N
X= 455479.1 E
LAT.=32.614962° N
LONG.=104.477925° W

AS- DRILLED
BOTTOM HOLE LOCATION
NAD 83 NME

Y= 587908.3 N
X= 490527.5 E
LAT.=32.616103° N
LONG.=104.498356° W

LAST TAKE POINT
NAD 83 NME

Y= 587911.0 N
X= 490630.4 E
LAT.=32.616110° N
LONG.=104.498022° W

FIRST TAKE POINT
NAD 83 NME

Y= 587923.3 N
X= 495703.0 E
LAT.=32.616165° N
LONG.=104.481547° W

KICK OFF POINT
NAD 83 NME

Y= 587787.9 N
X= 496657.4 E
LAT.=32.615796° N
LONG.=104.478446° W

GEODETIC COORDINATES
NAD 83 NME

Y= 587525.7 N
X= 496657.6 E
LAT.=32.615075° N
LONG.=104.478445° W

Intent

☐

As Drilled

☐

API #

Operator Name:	Property Name:	Well Number
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Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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

☐

Is this well an infill well?

☐

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

API #

Operator Name:	Property Name:	Well Number
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I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **01/17/20** thru **01/26/20** conduct or supervise the taking of a **MWD Survey** from a depth of **162'** to a depth of **8731'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Spur Energy Partners** for the **Dorami 33 Fed Com 2H** API No. **30-015-46010** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

Larry
Wright

Digitally signed
by Larry Wright
Date:
2020.01.27
11:31:20 -06'00'



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Dorami 33 Fed Com

#2H

OH

Design: OH

End Of Well Report

27 January, 2020

Wellbenders

End Of Well Report

Company: Spur Energy Partners, LLC Project: Eddy County, NM (NAD 83 - NME) Site: Dorami 33 Fed Com Well: #2H Wellbore: OH Design: OH	Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	Well #2H RKB=20' @ 3549.00usft RKB=20' @ 3549.00usft Grid Minimum Curvature WBDS_SQL_2
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Project	Eddy County, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Dorami 33 Fed Com		
Site Position:		Northing:	587,525.70 usft
From:	Map	Easting:	496,657.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.615075
		Longitude:	-104.478445
		Grid Convergence:	-0.078 °

Well	#2H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft		Wellhead Elevation:
			usft
			Latitude:
			32.615075
			Longitude:
			-104.478445
			Ground Level:
			3,529.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	10/28/2019	7.148
			Dip Angle (°)
			60.246
			Field Strength (nT)
			47,827.92936627

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			270.18

Survey Program	Date 1/27/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
162.00	8,731.00	Survey #1 (OH)	MWD+IGRF
			Description
			OWSG MWD + IGRF or WMM



Wellbenders End Of Well Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB=20' @ 3549.00usft
Site:	Dorami 33 Fed Com	MD Reference:	RKB=20' @ 3549.00usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.00	0.84	110.15	161.99	-0.41	1.11	-1.12	162.00	110.15	0.52
284.00	0.97	95.65	283.98	-0.82	2.98	-2.98	122.00	102.38	0.22
405.00	1.05	87.12	404.96	-0.86	5.11	-5.11	121.00	91.22	0.14
527.00	1.58	52.67	526.93	0.21	7.56	-7.56	122.00	66.32	0.76
648.00	1.58	16.81	647.89	2.82	9.37	-9.36	121.00	34.74	0.80
770.00	2.15	340.16	769.83	6.58	9.08	-9.06	122.00	355.59	1.06
892.00	4.92	347.89	891.58	13.85	7.21	-7.16	122.00	345.54	2.30
1,014.00	9.36	351.67	1,012.61	28.79	4.67	-4.58	122.00	350.37	3.66
1,135.00	13.05	352.73	1,131.28	52.09	1.51	-1.35	121.00	352.29	3.05
1,228.00	13.05	353.17	1,221.88	72.93	-1.06	1.29	93.00	352.95	0.11
1,300.00	13.05	352.29	1,292.02	89.05	-3.12	3.40	72.00	352.73	0.28
1,426.00	13.98	2.13	1,414.54	118.36	-4.46	4.83	126.00	357.38	1.97
1,552.00	14.73	7.05	1,536.61	149.47	-1.93	2.40	126.00	4.65	1.14
1,678.00	12.88	0.99	1,658.98	179.42	0.28	0.29	126.00	4.22	1.86
1,805.00	12.97	1.61	1,782.76	207.82	0.92	-0.27	127.00	1.30	0.13
1,930.00	12.44	1.61	1,904.70	235.30	1.70	-0.96	125.00	1.61	0.42
1,993.00	12.31	359.32	1,966.23	248.79	1.81	-1.02	63.00	0.47	0.81
2,056.00	12.79	344.03	2,027.75	262.22	-0.19	1.02	63.00	351.53	5.31
2,119.00	14.29	329.26	2,089.01	275.61	-6.09	6.95	63.00	336.24	5.96
2,182.00	16.31	319.94	2,149.78	289.07	-15.76	16.67	63.00	324.30	5.04
2,245.00	17.76	313.35	2,210.02	302.43	-28.44	29.39	63.00	316.51	3.83
2,308.00	19.87	306.23	2,269.66	315.36	-44.07	45.06	63.00	309.60	4.94
2,371.00	22.15	301.14	2,328.47	327.83	-62.87	63.90	63.00	303.55	4.63
2,434.00	25.71	295.69	2,386.06	339.90	-85.36	86.43	63.00	298.22	6.65
2,497.00	28.75	290.41	2,442.08	351.12	-111.89	112.99	63.00	292.91	6.16
2,560.00	32.04	286.28	2,496.42	361.09	-142.14	143.27	63.00	288.24	6.18



Wellbenders End Of Well Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB=20' @ 3549.00usft
Site:	Dorami 33 Fed Com	MD Reference:	RKB=20' @ 3549.00usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
2,623.00	34.59	283.03	2,549.06	369.81	-175.61	176.77	63.00	284.60	4.94	
2,686.00	39.03	279.34	2,599.50	377.06	-212.63	213.81	63.00	281.09	7.87	
2,750.00	42.99	276.44	2,647.79	382.78	-254.22	255.42	64.00	277.83	6.86	
2,813.00	46.20	274.33	2,692.64	386.91	-298.24	299.46	63.00	275.36	5.61	
2,876.00	50.20	272.84	2,734.63	389.83	-345.11	346.33	63.00	273.56	6.59	
2,940.00	53.93	272.75	2,773.97	392.29	-395.51	396.75	64.00	272.79	5.83	
3,003.00	57.54	272.31	2,809.43	394.58	-447.52	448.76	63.00	272.53	5.76	
3,066.00	60.62	271.52	2,841.80	396.38	-501.53	502.77	63.00	271.91	5.01	
3,129.00	61.58	272.22	2,872.25	398.18	-556.65	557.90	63.00	271.87	1.81	
3,193.00	62.24	272.04	2,902.38	400.28	-613.08	614.33	64.00	272.13	1.06	
3,256.00	65.76	270.37	2,930.00	401.46	-669.68	670.93	63.00	271.19	6.07	
3,319.00	71.56	270.11	2,952.91	401.70	-728.33	729.59	63.00	270.24	9.21	
3,382.00	75.43	269.32	2,970.81	401.40	-788.72	789.98	63.00	269.71	6.26	
3,446.00	78.73	268.44	2,985.11	400.17	-851.08	852.33	64.00	268.88	5.33	
3,509.00	81.45	268.44	2,995.96	398.49	-913.11	914.36	63.00	268.44	4.32	
3,542.42	82.73	268.86	3,000.55	397.71	-946.20	947.45	33.42	268.65	4.04	
FTP (100' FEL) @ 3542.42' MD										
3,572.00	83.87	269.23	3,004.00	397.22	-975.58	976.82	29.58	269.05	4.04	
3,635.00	86.15	269.76	3,009.48	396.66	-1,038.33	1,039.57	63.00	269.50	3.71	
3,699.00	89.10	269.58	3,012.14	396.30	-1,102.27	1,103.51	64.00	269.67	4.62	
3,762.00	90.02	269.58	3,012.62	395.83	-1,165.27	1,166.50	63.00	269.58	1.46	
3,825.00	92.09	269.25	3,011.46	395.19	-1,228.25	1,229.48	63.00	269.42	3.33	
3,951.00	91.21	268.18	3,007.83	392.37	-1,354.16	1,355.39	126.00	268.71	1.10	
4,026.00	92.35	269.32	3,005.50	390.73	-1,429.10	1,430.32	75.00	268.75	2.15	
4,103.00	92.75	269.41	3,002.08	389.88	-1,506.02	1,507.24	77.00	269.36	0.53	
4,229.00	90.15	269.14	2,998.89	388.28	-1,631.96	1,633.17	126.00	269.27	2.07	
4,355.00	90.59	269.50	2,998.07	386.79	-1,757.95	1,759.16	126.00	269.32	0.45	



Wellbenders End Of Well Report

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Site:	Dorami 33 Fed Com	MD Reference:	RKB=20' @ 3549.00usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
4,481.00	91.03	269.85	2,996.29	386.07	-1,883.93	1,885.14	126.00	269.67	0.45
4,607.00	91.43	269.94	2,993.59	385.84	-2,009.91	2,011.11	126.00	269.89	0.33
4,733.00	92.00	270.90	2,989.82	386.77	-2,135.84	2,137.05	126.00	270.42	0.89
4,859.00	90.73	270.37	2,986.82	388.16	-2,261.80	2,263.01	126.00	270.63	1.09
4,985.00	91.43	270.81	2,984.44	389.46	-2,387.77	2,388.98	126.00	270.59	0.66
5,111.00	90.15	270.46	2,982.70	390.86	-2,513.74	2,514.96	126.00	270.63	1.05
5,237.00	90.73	270.81	2,981.74	392.25	-2,639.73	2,640.95	126.00	270.63	0.54
5,363.00	90.81	270.73	2,980.04	393.94	-2,765.71	2,766.93	126.00	270.77	0.09
5,488.00	90.81	269.32	2,978.28	394.00	-2,890.69	2,891.92	125.00	270.02	1.13
5,613.00	91.74	269.14	2,975.49	392.32	-3,015.65	3,016.87	125.00	269.23	0.76
5,738.00	90.64	268.79	2,972.90	390.06	-3,140.60	3,141.81	125.00	268.96	0.92
5,864.00	91.60	269.67	2,970.44	388.37	-3,266.56	3,267.77	126.00	269.23	1.03
5,990.00	88.48	268.44	2,970.35	386.29	-3,392.53	3,393.72	126.00	269.05	2.66
6,114.00	88.88	269.23	2,973.20	383.77	-3,516.47	3,517.66	124.00	268.84	0.71
6,235.00	89.36	270.20	2,975.06	383.17	-3,637.45	3,638.64	121.00	269.72	0.89
6,356.00	90.11	270.20	2,975.62	383.59	-3,758.45	3,759.63	121.00	270.20	0.62
6,478.00	90.81	271.43	2,974.64	385.33	-3,880.43	3,881.62	122.00	270.81	1.16
6,599.00	91.30	272.31	2,972.41	389.27	-4,001.34	4,002.54	121.00	271.87	0.83
6,720.00	91.43	273.01	2,969.53	394.89	-4,122.18	4,123.40	121.00	272.66	0.59
6,842.00	91.91	273.10	2,965.98	401.39	-4,243.95	4,245.19	122.00	273.05	0.40
6,964.00	90.59	273.01	2,963.32	407.89	-4,365.74	4,367.00	122.00	273.05	1.08
7,086.00	90.55	271.87	2,962.10	413.08	-4,487.63	4,488.90	122.00	272.44	0.93
7,207.00	91.16	270.64	2,960.30	415.73	-4,608.58	4,609.86	121.00	271.26	1.13
7,330.00	91.43	268.70	2,957.52	415.02	-4,731.54	4,732.82	123.00	269.67	1.59
7,454.00	91.74	268.27	2,954.09	411.75	-4,855.45	4,856.72	124.00	268.49	0.43
7,580.00	91.96	268.97	2,950.02	408.71	-4,981.35	4,982.61	126.00	268.62	0.58
7,706.00	92.04	268.44	2,945.62	405.87	-5,107.24	5,108.49	126.00	268.71	0.43

Wellbenders

End Of Well Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB=20' @ 3549.00usft
Site:	Dorami 33 Fed Com	MD Reference:	RKB=20' @ 3549.00usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
7,832.00	92.00	268.88	2,941.18	402.92	-5,233.12	5,234.36	126.00	268.66	0.35	
7,958.00	91.16	269.23	2,937.71	400.85	-5,359.06	5,360.29	126.00	269.06	0.72	
8,082.00	91.74	269.06	2,934.57	399.00	-5,483.00	5,484.23	124.00	269.15	0.49	
8,208.00	89.63	268.00	2,933.06	395.76	-5,608.94	5,610.16	126.00	268.53	1.87	
8,334.00	91.12	269.14	2,932.24	392.62	-5,734.90	5,736.10	126.00	268.57	1.49	
8,460.00	90.81	268.35	2,930.11	389.86	-5,860.85	5,862.04	126.00	268.74	0.67	
8,586.00	91.65	268.53	2,927.41	386.43	-5,986.77	5,987.96	126.00	268.44	0.68	
8,651.02	92.04	268.53	2,925.32	384.76	-6,051.74	6,052.91	65.02	268.53	0.60	
LTP (100' FWL) @ 8651.02' MD										
8,659.00	92.09	268.53	2,925.03	384.56	-6,059.71	6,060.89	7.98	268.53	0.60	
8,731.00	92.09	268.53	2,922.40	382.71	-6,131.64	6,132.81	72.00	268.53	0.00	
Final Station Closure Distance= 6143.57 /Direction= 273.57 - Projection to Bit: 8731.00' MD/ 2922.40' TVD - TD: Latitude = 32.616103 / Longitude = -104.498361 - TD: Y= 587908.41 / X= 490525.96										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,542.42	3,000.55	397.71	-946.20	FTP (100' FEL) @ 3542.42' MD
8,651.02	2,925.32	384.76	-6,051.74	LTP (100' FWL) @ 8651.02' MD
8,731.00	2,922.40	382.71	-6,131.64	Final Station Closure Distance= 6143.57 /Direction= 273.57
8,731.00	2,922.40	382.71	-6,131.64	Projection to Bit: 8731.00' MD/ 2922.40' TVD
8,731.00	2,922.40	382.71	-6,131.64	TD: Latitude = 32.616103 / Longitude = -104.498361
8,731.00	2,922.40	382.71	-6,131.64	TD: Y= 587908.41 / X= 490525.96

Checked By: _____	Approved By: _____	Date: _____
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