

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

Operator Copy

5. Lease Serial No.
NMNM15291

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
DORAMI 33 FED COM 9H

9. API Well No.
30-015-45929-00-X1

10. Field and Pool or Exploratory Area
N SEVEN RIVERS-GLOR-YESO

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PERCUSSION PETROLEUM OPERATING INC
Contact: SARAH E CHAPMAN
Email: SCHAPMAN@SPUREPLLC.COM

3a. Address
919 MILAM STREET, SUITE 2475
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 832-930-8613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T19S R25E SWSW 490FSL 650FWL
32.611065 N Lat, 104.479134 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplate 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Spur Energy Partners LLC respectfully requests to amend the approved drill plans with the updated casing and cementing design attached for the following well:

30-015-45929 Dorami 33 Federal Com 9H - NMNM015291

Please find updated C-102, Supplemental, Directional Plan, Plot and Drill Plan for your use.

Thank you. BHL changed from: 650' FSL 20' FWL
to: 750' FSL 25' FWL

RECEIVED

JAN 06 2020

DISTRICT 7 - ARTESIA O.C.D.

All previous conditions of approval still apply. DR

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #494226 verified by the BLM Well Information System
For PERCUSSION PETROLEUM OPERATING, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/04/2019 (20PP0563SE)

Name (Printed/Typed) SARAH E CHAPMAN Title REGULATORY DIRECTOR

Signature (Electronic Submission) Date 12/03/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DYLAN ROSSMANGO Title PETROLEUM ENGINEER Date 12/12/2019

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 Carlsbad

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.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

1/28/20 KS

RECEIVED

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

JAN 06 2020

DISTRICT IV-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45929	Pool Code 97565	Pool Name J. Owen Rivers; Altoneta Fed
Property Code 317237	Property Name DORAMI 33 FED COM	Well Number 9H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS, LLC	Elevation 3528'

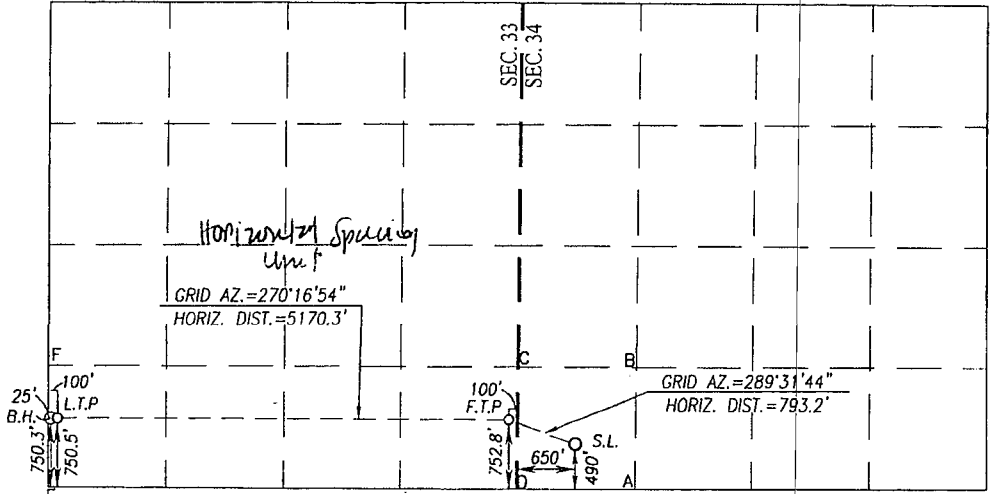
Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	19-S	25-E		490	SOUTH	650	WEST	EDDY

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
M	33	19-S	25-E		750.3	SOUTH	25	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'



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.

South Chapman 11/14/19
Signature Date
South Chapman
Printed Name
schorman@spurenergyllc.com
E-mail Address

BOTTOM HOLE LOCATION NAD 27 NME Y= 586296.7 N X= 449349.5 E LAT.=32.611726° N LONG.=104.497826° W	LAST TAKE POINT NAD 27 NME Y= 586296.4 N X= 449424.5 E LAT.=32.611726° N LONG.=104.497583° W	FIRST TAKE POINT NAD 27 NME Y= 586271.3 N X= 454518.4 E LAT.=32.611677° N LONG.=104.481040° W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 586006.2 N X= 455265.8 E LAT.=32.610951° N LONG.=104.478611° W
BOTTOM HOLE LOCATION NAD 83 NME Y= 586357.3 N X= 490527.9 E LAT.=32.611839° N LONG.=104.498347° W	LAST TAKE POINT NAD 83 NME Y= 586356.9 N X= 490602.9 E LAT.=32.611838° N LONG.=104.498103° W	FIRST TAKE POINT NAD 83 NME Y= 586331.9 N X= 495696.8 E LAT.=32.611790° N LONG.=104.481560° W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 586066.8 N X= 496444.3 E LAT.=32.611064° N LONG.=104.479131° W
CORNER COORDINATES TABLE NAD 27 NME	CORNER COORDINATES TABLE NAD 83 NME		
A - Y= 585514.1 N, X= 455932.2 E B - Y= 586855.2 N, X= 455945.6 E C - Y= 586859.8 N, X= 454623.7 E D - Y= 585518.4 N, X= 454611.4 E E - Y= 585546.8 N, X= 449323.1 E F - Y= 586882.5 N, X= 449325.7 E	A - Y= 585574.7 N, X= 497110.7 E B - Y= 586915.8 N, X= 497124.1 E C - Y= 586920.4 N, X= 495802.2 E D - Y= 585579.0 N, X= 495789.9 E E - Y= 585607.4 N, X= 490501.4 E F - Y= 586943.0 N, X= 490504.0 E		

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 knowledge and belief.

DATE: AUGUST 21, 2008
Date of Survey
Signature & Seal of Professional Surveyor
3239
REGISTERED PROFESSIONAL SURVEYOR

Ronald J. Eidson 09/04/2019
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

LSL Rel. wo.#18110961 JWSC W.O.: 19.13.0966

Intent As Drilled

API #
30-015-45929

Operator Name: SPUR ENERGY PARTNERS LLC	Property Name: DORAMI 33 FED COM	Well Number 9H
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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
P	33	19S	25E		753	SOUTH	100	EAST	EDDY
Latitude					Longitude			NAD	
32.611790					-104.481560			NAD83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	33	19S	25E		751	SOUTH	100	WEST	EDDY
Latitude					Longitude			NAD	
32.611838					-104.498103			NAD83	

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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Company: Spur Energy Partners, LLC
 Project: Eddy County, NM (NAD 83 - NME)
 Site: Dorami 33 Fed Com
 Well: #9H
 Wellbore: OH
 Rig:
 Design: Plan #4 / 10:55, October 29 2019

WELL DETAILS: #9H

Est RKB=17' @ 3545.00usft
 3528.00

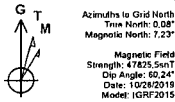
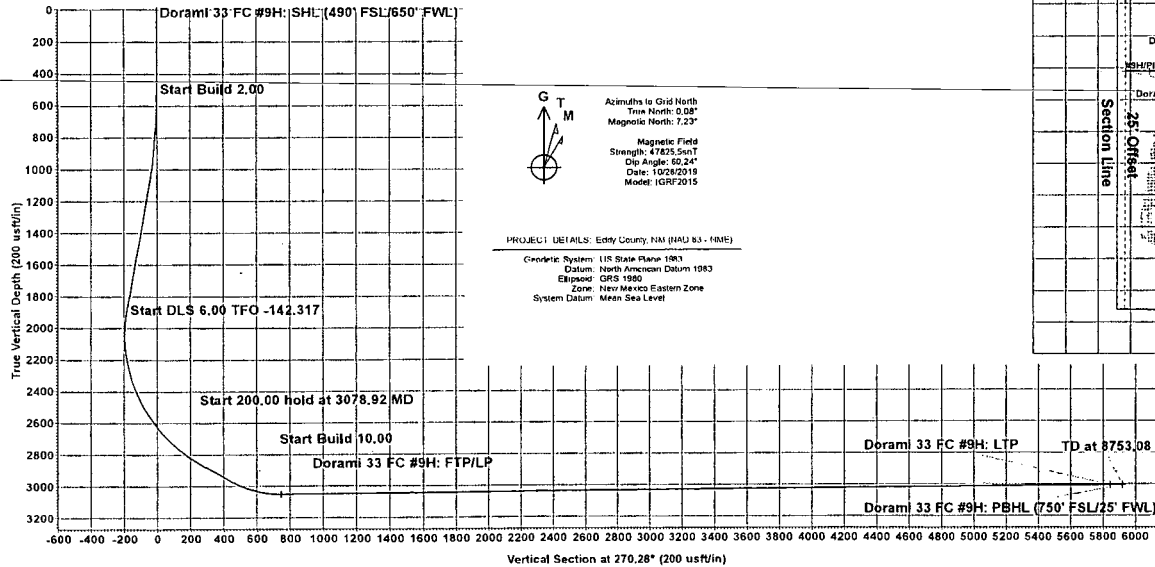
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	586066.80	496444.30	32.611064	-104.479131

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00
3	1147.59	12.95	48.73	1142.09	48.07	54.78	2.00	-54.54
4	1912.25	12.95	48.73	1887.30	161.12	183.60	0.00	-182.81
5	3078.92	60.00	270.28	2873.26	262.82	-282.82	6.00	284.10
6	3278.92	60.00	270.28	2973.26	263.67	-496.03	0.00	457.31
7	3583.92	90.50	270.28	3050.00	265.10	-747.50	10.00	748.79
8	8678.07	90.50	270.28	3005.55	290.13	-5841.40	0.00	5842.75
9	8753.08	90.50	270.28	3004.89	290.50	-5916.40	0.00	5917.75

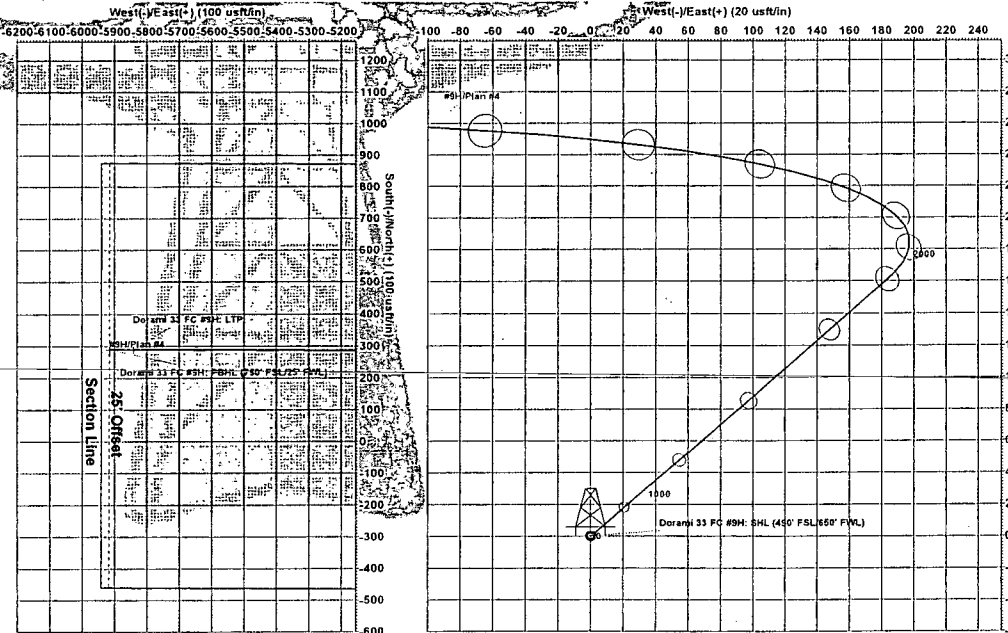
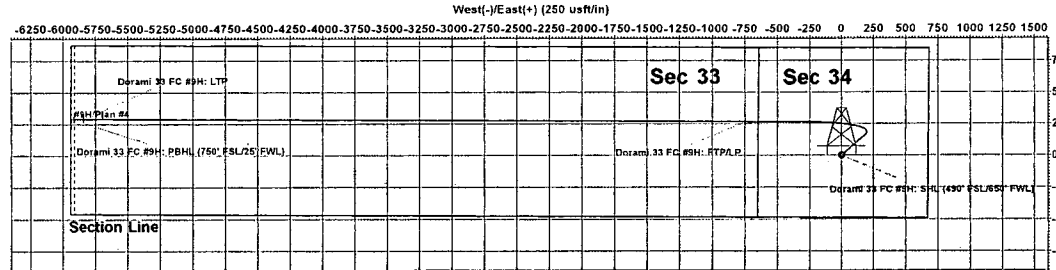
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Dorami 33 FC #9H: SHL (490' FSL/650' FWL)	0.00	0.00	0.00	586066.80	496444.30	32.611064	-104.479131
Dorami 33 FC #9H: PBHL (750' FSL/25' FWL)	3004.89	290.50	-5916.40	586337.30	496527.30	32.611839	-104.498347
Dorami 33 FC #9H: LTP	3005.55	290.10	-5841.40	586356.90	49602.80	32.611838	-104.498103
Dorami 33 FC #9H: FTP/LP	3050.00	265.10	-747.50	586331.90	495696.80	32.611790	-104.481560



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

Coordinate System: U.S. 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, including
 title and all well
 location/depth data is
 provided by customer and
 subject to customer
 signature.



Plan: Plan #4 (#9H/OH)
 Created By: Derek Stephens Date: 10:55, October 29 2019

DRILLING PROGRAM

CASING DEPTHS:

9-5/8" 32# J-55 LT&C set at 1,250' inside
 12 1/4" open hole, cemented to surface

5 1/2" 17# L-80 BT&C set at 8,753' inside
 8 3/4" open hole, cemented to surface

7" 32# L-80 BT&C set at 3,280' inside
 8 3/4" open hole, cemented to surface

POTENTIAL PROBLEMS: 0' - 1250'

Gravel, Red Beds and Water Sands. Seepage and losses. Tight hole.

1250' - TD Hole cleaning, seepage, and losses.

MUD PROGRAM:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>	<u>Plastic Viscosity</u>	<u>Yield Point</u>
0' - 1250'	FW / Gel Paper and gel sweeps to clean hole	8.4 - 9.2 PPG	36 - 42	NC	3 - 5	5 - 7
1250' - KOP	FW / Cut Brine Gel sweeps to clean hole and LCM pills for loss circulation. Raise vis to 34 - 40 if needed.	8.3 - 9.2 PPG	28 - 30	NC	1	1
KOP - TD	Cut Brine Salt gel sweeps to clean hole and LCM pill for loss circulation. Only acid soluble LCM below surface casing. Increase vis to 34 - 40 if needed. If drag becomes a problem add Surfap PG. Drill curve and lateral section with XCD Polymer / Cut Brine / Starch system. Drill as close to pressure balanced as possible. Estimated BHP for the Yeso formation is 1302 psi.	8.6 - 9.2 PPG	29 - 32	10 - 12	4 - 5	6 - 10

Mud additions to be coordinated through PPO representative.
 This program is only a guide and hole conditions will dictate mud system requirements and changes.

ESTIMATED FORMATION TOPS / LITHOLOGY:

3,528' Ground Level 17' RKB

<u>Formation</u>	<u>MD</u>	<u>TVD</u>	<u>SS</u>	<u>Lithology</u>
Grayburg		658'	2,870'	Dolomite
San Andes		843'	2,685'	Dolomite
Glorieta		2,403'	1,125'	Silly Dolomite
Yeso		2,558'	970'	Dolomite
Mid Yeso Mkr		2,848'	680'	Dolomite

DRILL STEM TEST:

None

MUD LOGGING:

A one man mud logging unit will be in service prior to spudding well to total depth. Samples in the lateral/pay will be taken every 10'. Mud logger will assist in picking surface casing point. Only authorized personnel will be allowed access to mud logging unit. Mud logger will be in contact with C.J. Lipinski. EOL at 25' FWL is a hard line. Cut short to 45' FWL to avoid crossing hard line. Do not exceed without approval from John Nabors Operations Manager. Drilling Foreman is to be notified of changes in drilling parameters.

ELECTRIC LINE LOGS

None



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Dorami 33 Fed Com

#9H

OH

Plan: Plan #4

Standard Plan With Toolface

29 October, 2019



Wellbenders

Standard Plan With Toolface

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #9H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	Est RKB=17' @ 3545.00usft
Site:	Dorami 33 Fed Com	MD Reference:	Est RKB=17' @ 3545.00usft
Well:	#9H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #4	Database:	WBDS_SQL_2

Planned Survey												
MD (usft)	Incl (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100ft)	Build (%/100ft)	Turn (%/100ft)	TFace (°)		
3,550.00	87.11	270.28	3,049.29	264.93	-713.59	714.88	10.00	10.00	0.00	0.00		
3,583.92	90.50	270.28	3,050.00	265.10	-747.50	748.79	10.00	10.00	0.00	0.00		
3,600.00	90.50	270.28	3,049.86	265.18	-763.58	764.87	0.00	0.00	0.00	0.00		
3,700.00	90.50	270.28	3,048.99	265.67	-863.58	864.86	0.00	0.00	0.00	0.00		
3,800.00	90.50	270.28	3,048.11	266.16	-963.57	964.86	0.00	0.00	0.00	0.00		
3,900.00	90.50	270.28	3,047.24	266.65	-1,063.57	1,064.86	0.00	0.00	0.00	0.00		
4,000.00	90.50	270.28	3,046.37	267.14	-1,163.56	1,164.85	0.00	0.00	0.00	0.00		
4,100.00	90.50	270.28	3,045.50	267.64	-1,263.56	1,264.85	0.00	0.00	0.00	0.00		
4,200.00	90.50	270.28	3,044.62	268.13	-1,363.55	1,364.84	0.00	0.00	0.00	0.00		
4,300.00	90.50	270.28	3,043.75	268.62	-1,463.55	1,464.84	0.00	0.00	0.00	0.00		
4,400.00	90.50	270.28	3,042.88	269.11	-1,563.54	1,564.84	0.00	0.00	0.00	0.00		
4,500.00	90.50	270.28	3,042.01	269.60	-1,663.54	1,664.83	0.00	0.00	0.00	0.00		
4,600.00	90.50	270.28	3,041.13	270.09	-1,763.53	1,764.83	0.00	0.00	0.00	0.00		
4,700.00	90.50	270.28	3,040.26	270.58	-1,863.53	1,864.83	0.00	0.00	0.00	0.00		
4,800.00	90.50	270.28	3,039.39	271.08	-1,963.52	1,964.82	0.00	0.00	0.00	0.00		
4,900.00	90.50	270.28	3,038.52	271.57	-2,063.52	2,064.82	0.00	0.00	0.00	0.00		
5,000.00	90.50	270.28	3,037.64	272.06	-2,163.51	2,164.81	0.00	0.00	0.00	0.00		
5,100.00	90.50	270.28	3,036.77	272.55	-2,263.51	2,264.81	0.00	0.00	0.00	0.00		
5,200.00	90.50	270.28	3,035.90	273.04	-2,363.50	2,364.81	0.00	0.00	0.00	0.00		
5,300.00	90.50	270.28	3,035.02	273.53	-2,463.50	2,464.80	0.00	0.00	0.00	0.00		
5,400.00	90.50	270.28	3,034.15	274.02	-2,563.49	2,564.80	0.00	0.00	0.00	0.00		
5,500.00	90.50	270.28	3,033.28	274.52	-2,663.49	2,664.79	0.00	0.00	0.00	0.00		
5,600.00	90.50	270.28	3,032.41	275.01	-2,763.48	2,764.79	0.00	0.00	0.00	0.00		
5,700.00	90.50	270.28	3,031.53	275.50	-2,863.48	2,864.79	0.00	0.00	0.00	0.00		
5,800.00	90.50	270.28	3,030.66	275.99	-2,963.47	2,964.78	0.00	0.00	0.00	0.00		
5,900.00	90.50	270.28	3,029.79	276.48	-3,063.47	3,064.78	0.00	0.00	0.00	0.00		
6,000.00	90.50	270.28	3,028.92	276.97	-3,163.46	3,164.78	0.00	0.00	0.00	0.00		



Wellbenders

Standard Plan With Toolface

Company: Spur Energy Partners, LLC	Local Co-ordinate/Reference:	Well #9H
Project: Eddy County, NM (NAD 83 - NME)	TVD/Reference:	Est RKB=17' @ 3545.00usft
Site: Dorami 33 Fed Com	MD Reference:	Est RKB=17' @ 3545.00usft
Well: #9H	North Reference:	Grid
Wellbore: OH	Survey Calculation Method:	Minimum Curvature
Design: Plan #4	Database:	WBDS_SQL_2

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)		
6,100.00	90.50	270.28	3,028.04	277.46	-3,263.46	3,264.77	0.00	0.00	0.00	0.00		0.000
6,200.00	90.50	270.28	3,027.17	277.95	-3,363.45	3,364.77	0.00	0.00	0.00	0.00		0.000
6,300.00	90.50	270.28	3,026.30	278.45	-3,463.45	3,464.76	0.00	0.00	0.00	0.00		0.000
6,400.00	90.50	270.28	3,025.43	278.94	-3,563.44	3,564.76	0.00	0.00	0.00	0.00		0.000
6,500.00	90.50	270.28	3,024.55	279.43	-3,663.44	3,664.76	0.00	0.00	0.00	0.00		0.000
6,600.00	90.50	270.28	3,023.68	279.92	-3,763.43	3,764.75	0.00	0.00	0.00	0.00		0.000
6,700.00	90.50	270.28	3,022.81	280.41	-3,863.43	3,864.75	0.00	0.00	0.00	0.00		0.000
6,800.00	90.50	270.28	3,021.93	280.90	-3,963.42	3,964.75	0.00	0.00	0.00	0.00		0.000
6,900.00	90.50	270.28	3,021.06	281.39	-4,063.42	4,064.74	0.00	0.00	0.00	0.00		0.000
7,000.00	90.50	270.28	3,020.19	281.89	-4,163.41	4,164.74	0.00	0.00	0.00	0.00		0.000
7,100.00	90.50	270.28	3,019.32	282.38	-4,263.40	4,264.73	0.00	0.00	0.00	0.00		0.000
7,200.00	90.50	270.28	3,018.44	282.87	-4,363.40	4,364.73	0.00	0.00	0.00	0.00		0.000
7,300.00	90.50	270.28	3,017.57	283.36	-4,463.39	4,464.73	0.00	0.00	0.00	0.00		0.000
7,400.00	90.50	270.28	3,016.70	283.85	-4,563.39	4,564.72	0.00	0.00	0.00	0.00		0.000
7,500.00	90.50	270.28	3,015.83	284.34	-4,663.38	4,664.72	0.00	0.00	0.00	0.00		0.000
7,600.00	90.50	270.28	3,014.95	284.83	-4,763.38	4,764.71	0.00	0.00	0.00	0.00		0.000
7,700.00	90.50	270.28	3,014.08	285.33	-4,863.37	4,864.71	0.00	0.00	0.00	0.00		0.000
7,800.00	90.50	270.28	3,013.21	285.82	-4,963.37	4,964.71	0.00	0.00	0.00	0.00		0.000
7,900.00	90.50	270.28	3,012.34	286.31	-5,063.36	5,064.70	0.00	0.00	0.00	0.00		0.000
8,000.00	90.50	270.28	3,011.46	286.80	-5,163.36	5,164.70	0.00	0.00	0.00	0.00		0.000
8,100.00	90.50	270.28	3,010.59	287.29	-5,263.35	5,264.70	0.00	0.00	0.00	0.00		0.000
8,200.00	90.50	270.28	3,009.72	287.78	-5,363.35	5,364.69	0.00	0.00	0.00	0.00		0.000
8,300.00	90.50	270.28	3,008.84	288.27	-5,463.34	5,464.69	0.00	0.00	0.00	0.00		0.000
8,400.00	90.50	270.28	3,007.97	288.77	-5,563.34	5,564.68	0.00	0.00	0.00	0.00		0.000
8,500.00	90.50	270.28	3,007.10	289.26	-5,663.33	5,664.68	0.00	0.00	0.00	0.00		0.000
8,600.00	90.50	270.28	3,006.23	289.75	-5,763.33	5,764.68	0.00	0.00	0.00	0.00		0.000
8,678.07	90.50	270.28	3,005.55	290.13	-5,841.40	5,842.75	0.00	0.00	0.00	0.00		0.000



Wellbenders
Standard Plan With Toolface

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #9H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	Est RKB=17' @ 3545.00usft
Site:	Dorami 33 Fed Com	MD Reference:	Est RKB=17' @ 3545.00usft
Well:	#9H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #4	Database:	WBDS_SQL_2

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	T Face (°)	
8,700.00	90.50	270.28	3,005.35	290.24	-5,863.32	5,864.67	0.00	0.00	0.00	0.00	0.000
8,753.08	90.50	270.28	3,004.89	290.50	-5,916.40	5,917.75	0.00	0.00	0.00	0.00	0.000

Checked By: _____ Approved By: _____ Date: _____



Spur Energy Partners, LLC

Well: Dorami 33 Federal Com #9H

Location: **SHL** Section 34 T19S R25E 490' FSL 650' FWL
Lat: 32.611064° N Long: -104.479131°W
BHL Section 33 T19S R25E 750.3' FSL 25' FWL
Lat: 32.611839° N Long: -104.498347°W

County: Eddy

State: New Mexicc

Rig: TBD

Spud Date: TBD

AFE Number: TBD

True Vertical Depth: 3,005'
Total Measured Depth: 8,753'

Elevation: GL = 3528' KB = 3545'

Directions: FROM THE INTERSECTION OF U.S. HWY. 285 AND CO. RD. 23 (ROCK DAISY RD.) GO WEST ON CO. RD. 23 APPROX. 3.9 MILES TO CALICHE LEASE ROAD, TURN LEFT AND GO SOUTHEAST APPROX. 0.2 MILES TO PROPOSED ACCESS ROAD. FOLLOW SIGNS TO LOCATION.

Prepared By: Ryan Barber

Operations Manager: John Nabors

Engineering: Ryan Barber

Exploration: C.J. Lipinski

Land: Nash Bell