

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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024		² OGRID Number 328947
		³ Reason for Filing Code/ Effective Date RT 8/22/2023
⁴ API Number 30 - 0 015-53496	⁵ Pool Name PENASCO DRAW;SA-YESO (ASSOC)	⁶ Pool Code 50270
⁷ Property Code 333829	⁸ Property Name STROS 29	⁹ Well Number 60H

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	30	18 S	26 E		900	NORTH	295	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
A	29	18 S	26E		330	NORTH	50	EAST	EDDY
¹² Lse Code S	¹³ Producing Method P Code	¹⁴ Gas Connection Date 8/15/2023	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
221115	FRONTIER FIELD SERVICES, LLC 4200 EAST SKELLY DR., SUITE 700, TULSA, OK 74135	G
33479	HOLLYFRONTIER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 05/02/2023	²² Ready Date 08/22/2023	²³ TD 8703'M/3197'V	²⁴ PBDT 8657' M	²⁵ Perforations 3585'-8633'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12-1/4"		9-5/8" 36# J-55 BTC	1055'		545 SXS (CIRC TO SURFACE)
8-3/4"		7" 32#L-80 BK-HT	3418"		1585 SXS (CIRC TO SURFACE)
8-3/4"		5-1/2" 20# L-80	8703"		1585 SXS (CIRC TO SURFACE)

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: <i>Cynthia Villacorta</i>			OIL CONSERVATION DIVISION		
Printed name: Cynthia Villacorta			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Agent			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: cynthia.villacorta@spurenergy.com			Approval Date: <i>10/13/2023</i>		
Date: 8/22/2023		Phone: 832-661-0711		<i>RT EXPIRES 11/22/2023</i>	

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, NM 87505

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

☐ AMENDED REPORT
AS COMPLETED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-53496		² Pool Code 50270		³ Pool Name PENASCO DRAW;SA-YESO (ASSOC)	
⁴ Property Code 333829		⁵ Property Name STROS 29			⁶ Well Number 60H
⁷ OGRID NO. 328947		⁸ Operator Name SPUR ENERGY PARTNERS LLC.			⁹ Elevation 3441

¹⁰ Surface Location

UL or lot no. A	Section 30	Township 18S	Range 26E	Lot Idn	Feet from the 900	North/South line NORTH	Feet From the 295	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 29	Township 18S	Range 26E	Lot Idn	Feet from the 322	North/South line NORTH	Feet from the 51	East/West line EAST	County EDDY
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 627003.1 - E: 516586.3 LAT: 32.7236454° N LONG: 104.4138176° W <u>KICK OFF POINT (KOP)</u> 465' FNL & 657' FEL - SEC 30 N: 627438.6 - E: 516228.3 LAT: 32.7248418° N LONG: 104.4149827° W MD = 2349.0 - TVD = 2252.2 <u>FIRST TAKE POINT (FTP)</u> 333' FNL & 112' FWL - SEC 29 N: 627569.1 - E: 516998.3 LAT: 32.7252019° N LONG: 104.4124792° W MD = 3585.0 - TVD = 3094.0		<u>LAST TAKE POINT (LTP)</u> 324' FNL & 121' FEL - SEC 29 N: 627575.0 - E: 522043.0 LAT: 32.7252276° N LONG: 104.3960748° W MD = 86330 - TVD = 3197.8 <u>BOTTOM HOLE (BH)</u> N: 627576.2 - E: 522113.0 LAT: 32.7252308° N LONG: 104.3958472° W MD = 8703.0 - TVD = 3197.4		CORNER DATA NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR W/PLASTIC CAP "ILLEGIBLE" N: 622604.7 - E: 511697.4 B: FOUND 3/8" REBAR W/WASHERS "PE 5412 & PS 9242" N: 627906.8 - E: 511762.1 C: CALCULATED CORNER N: 627902.6 - E: 516889.4 D: CALCULATED CORNER N: 627898.4 - E: 522165.5 E: CALCULATED CORNER N: 622625.1 - E: 522141.2 F: FOUND 3/8" REBAR N: 622636.0 - E: 519499.8 G: FOUND FENCE POST N: 622614.8 - E: 516841.1	
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 <u>Cynthia Villacorta</u> Date <u>8/22/2023</u> Printed Name <u>Cynthia Villacorta</u> E-mail Address <u>cynthia.villacorta@spurenergy.com</u>		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. Date of Survey <u>08/10/2023</u> Signature and Seal of Professional Surveyor <u>DALE E. BELL</u> Certificate Number <u>14400</u>			

Job No.: LS23010090AC



July 20th, 2023

State Of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S St Francis Dr.
Santa Fe NM 87505

RE: SPUR ENERGY PARTNERS LLC 328947

Well: STROS 29 #60H
POOLS: (50270) PENASCO DRAW;SA-YESO (ASSOC)
EDDY COUNTY, NM
API Number: 30-015-53496

Please find the attached surveys performed on the above referenced well by Prime Solution Services.

Other information required by your office is as follows:

Original Hole:

Surveyed Depths: 150'MD– 8628'MD projection to 8703'MD
Date Performed: 05/01/2023 – 06/13/2023
Type of Survey: Directional Survey – MWD/IFR

A certified plat on which the bottom hole location is oriented both to the surface location and the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Joe Vocioni', is written over a blue horizontal line.

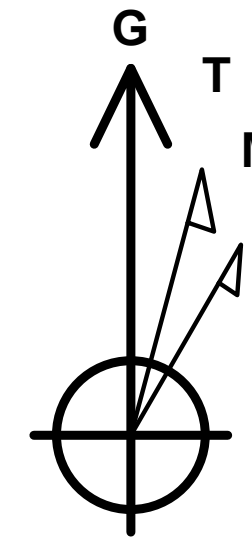
Joe Vocioni
MWD Operations Manager

713-517-3120

jvocioni@primesolutionsvcs.com

SPUR ENERGY PARTNERS LLC.

Project: Eddy County, NM (NAD83) NMEZ Grid
Site: STROS 29
Well: STROS 29 60H
Wellbore: 60H Lateral
Design: 60H Lateral AsDrilled



Azimuths to Grid North
True North: 0.04°
Magnetic North: 6.80°

Magnetic Field
Strength: 47513.0nT
Dip Angle: 60.32°
Date: 02/21/2023
Model: USER DEFINED

3441+20 @ 3461.00usft (AKITA57)
North American Datum 1983

Magnetic North is 6.80° East of Grid North (Magnetic Convergence)
Magnetic North is 6.76° East of True North (Magnetic Declination)

To convert a Magnetic Direction to a Grid Direction, Add 6.80°

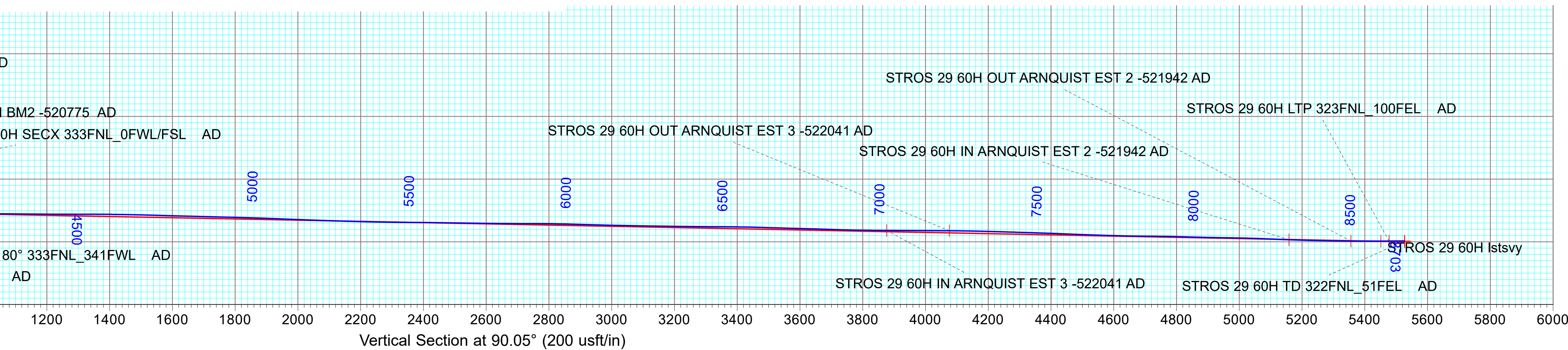
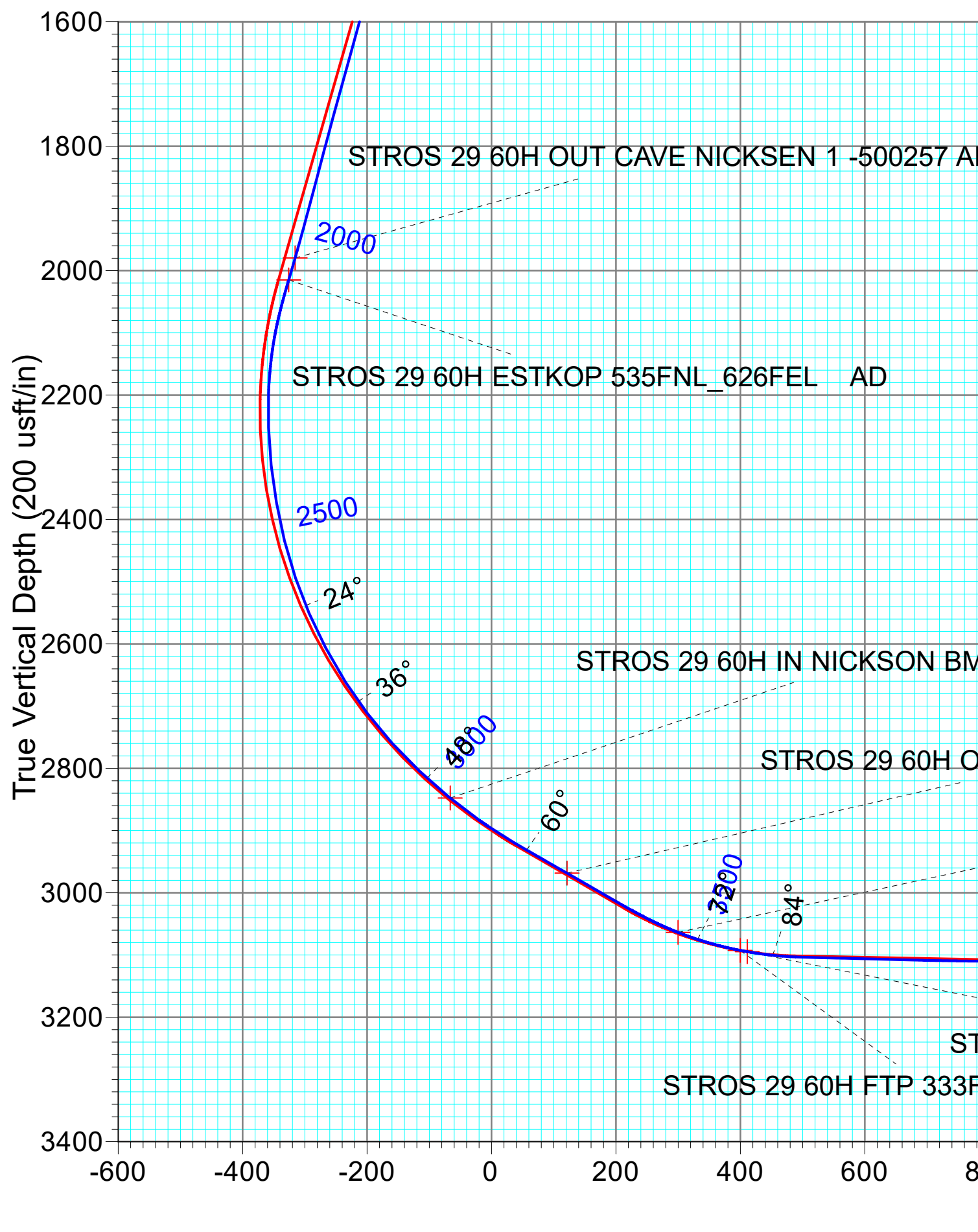
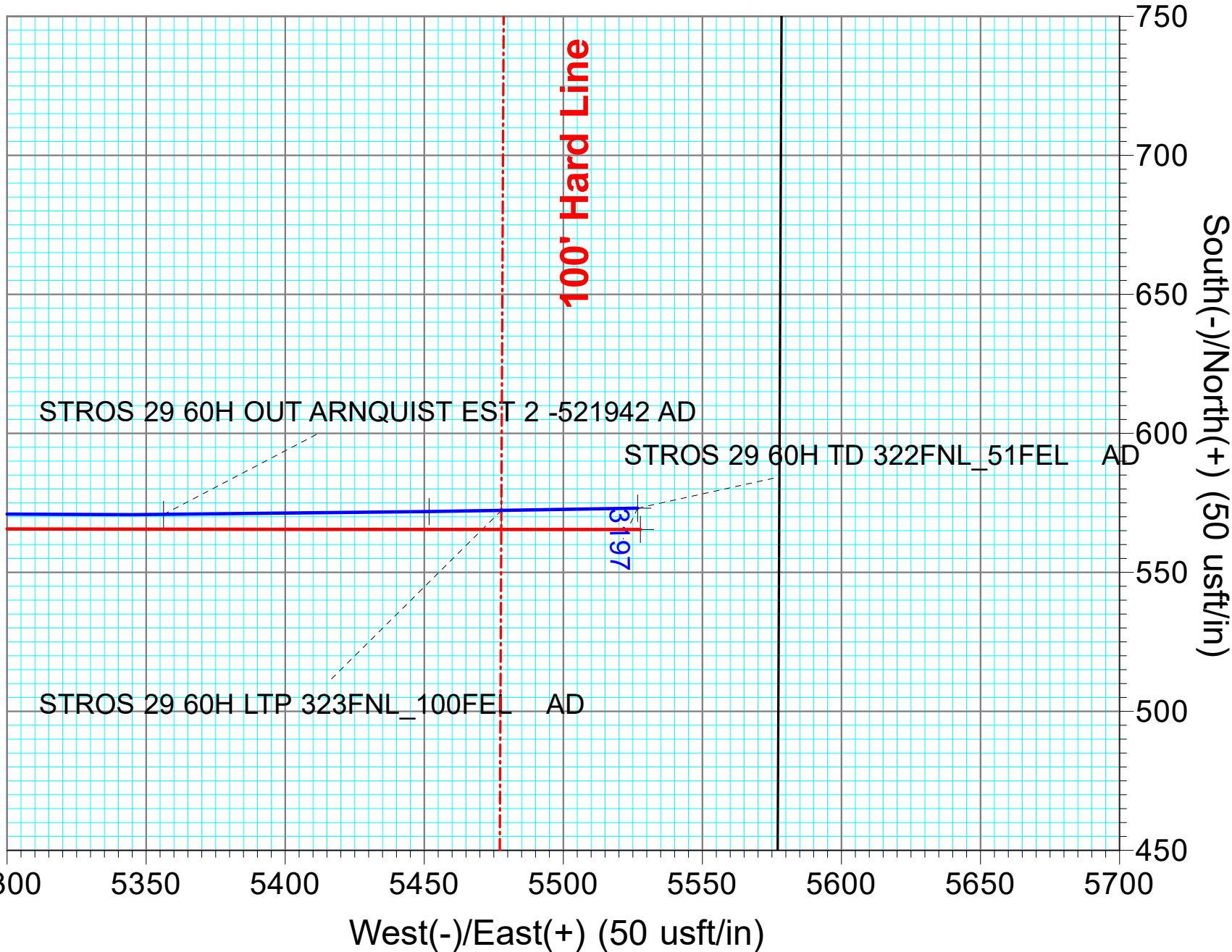
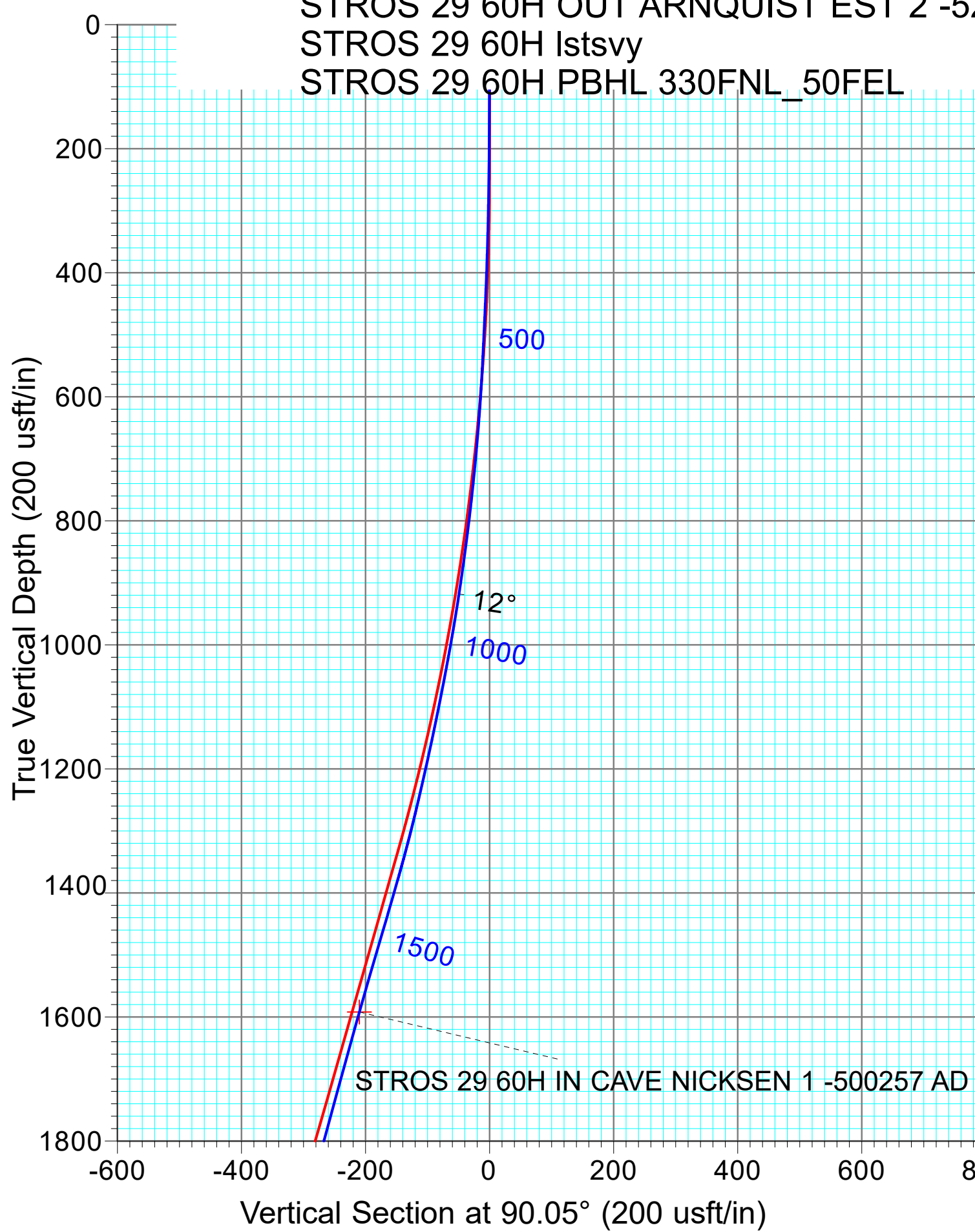
PROJECT DETAILS: Eddy County, NM (NAD83) NMEZ Grid
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
1637.20	23.64	320.29	1592.13	222.31	-209.70	IN CAVE NICKSEN 1 (500257)
2059.40	23.40	318.68	1979.71	352.28	-315.20	OUT CAVE NICKSEN 1 (500257)
2098.00	23.69	316.92	2015.10	363.70	-325.56	ESTKOP 535FNL 626FEL
3043.30	50.96	84.69	2847.75	544.00	-65.86	IN NICKSON BM2 (520775)
3267.30	60.21	86.70	2968.57	555.61	121.99	OUT NICKSON BM2 (520775)
3470.00	68.57	88.26	3063.79	565.27	300.44	SECX 333FNL_0FWL/FSL
3574.00	78.93	90.49	3092.65	566.23	400.20	FTP 333FNL_100FWL
3585.62	80.00	90.70	3094.77	566.11	411.62	80° 333FNL_341FWL
7052.70	89.71	90.53	3163.89	575.45	3877.03	IN ARNQUIST EST 3 (522041)
7252.50	89.51	90.67	3164.84	573.38	4076.81	OUT ARNQUIST EST 3 (522041)
8335.20	88.01	90.70	3193.56	571.91	5159.01	IN ARNQUIST EST 2 (521942)
8532.50	89.49	89.68	3197.77	570.83	5356.25	OUT ARNQUIST EST 2 (521942)
8654.00	90.36	89.09	3197.74	572.27	5477.74	LTP 323FNL_100FEL
8703.00	90.36	89.09	3197.43	573.05	5526.73	TD 322FNL_51FEL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
STROS 29 60H SHL 900FNL_295FEL	0.00	0.00	0.00	627003.100	516586.300
STROS 29 60H IN CAVE NICKSEN 1 -500257 AD	1592.13	222.31	-209.70	627225.406	516376.602
STROS 29 60H OUT CAVE NICKSEN 1 -500257 AD	1979.71	352.28	-315.20	627355.383	516271.098
STROS 29 60H ESTKOP 535FNL 626FEL AD	2015.10	363.70	-325.56	627366.803	516260.741
STROS 29 60H IN NICKSON BM2 -520775 AD	2847.75	544.00	-65.86	627547.102	516520.444
STROS 29 60H OUT NICKSON BM2 -520775 AD	2968.57	555.61	121.99	627558.706	516708.294
STROS 29 60H SECX 333FNL_0FWL/FSL AD	3063.79	565.27	300.44	627568.369	516886.740
STROS 29 60H FTP 333FNL_100FWL AD	3092.65	566.23	400.20	627569.328	516986.496
STROS 29 60H 80° 333FNL_341FWL AD	3094.77	566.11	411.62	627569.209	516997.919
STROS 29 60H IN ARNQUIST EST 3 -522041 AD	3163.89	575.45	3877.03	627578.553	520463.328
STROS 29 60H OUT ARNQUIST EST 3 -522041 AD	3164.84	573.38	4076.82	627576.478	520663.115
STROS 29 60H IN ARNQUIST EST 2 -521942 AD	3193.56	571.91	5159.01	627575.013	521745.309
STROS 29 60H TD 322FNL_51FEL AD	3197.43	573.05	5526.74	627576.150	522113.035
STROS 29 60H LTP 323FNL_100FEL AD	3197.74	572.27	5477.74	627575.372	522064.042
STROS 29 60H OUT ARNQUIST EST 2 -521942 AD	3197.77	570.83	5356.25	627573.933	521942.553
STROS 29 60H Istsvy	3197.90	571.86	5451.75	627574.960	522038.050
STROS 29 60H PBHL 330FNL_50FEL	3200.00	565.40	5527.70	627568.500	522114.000



SPUR ENERGY PARTNERS LLC.
Eddy County, NM (NAD83) NMEZ Grid
STROS 29
60H Lateral
60H Lateral AsDrilled
Created By: Mekka Williams
eSomnia Well Design
mekka@esominawell.com

SPUR ENERGY PARTNERS LLC.

Eddy County, NM (NAD83) NMEZ Grid

STROS 29

STROS 29 60H

60H Lateral

Design: 60H Lateral AsDrilled

Standard Survey Report

20 July, 2023

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well STROS 29 60H
Project:	Eddy County, NM (NAD83) NMEZ Grid	TVD Reference:	3441+20 @ 3461.00usft (AKITA57)
Site:	STROS 29	MD Reference:	3441+20 @ 3461.00usft (AKITA57)
Well:	STROS 29 60H	North Reference:	Grid
Wellbore:	60H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	60H Lateral AsDrilled	Database:	PRIME_EDM

Project	Eddy County, NM (NAD83) NMEZ Grid		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		STROS 29						
Site Position:		Northing:	627,003.093	usft	Latitude:	32.7236454		
From:	Map	Easting:	516,606.300	usft	Longitude:	-104.4137525		
Position Uncertainty:	0.00	usft	Slot Radius:	13-3/16	"	Grid Convergence:	-0.04	°

Well	STROS 29 60H					
Well Position	+N/-S	0.00 usft	Northing:	627,003.100 usft	Latitude:	32.7236454
	+E/-W	0.00 usft	Easting:	516,586.300 usft	Longitude:	-104.4138175
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,441.00 usft

Wellbore	60H Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	02/21/23	6.76	60.32	47,513.00000000

Design	60H Lateral AsDrilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	90.05	

Survey Program	Date	07/20/23			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
150.00	1,006.00	1 - Transcend (60H Lateral)	MWD+SAG+FDIR	OWSG MWD + Sag Correction + FDIR Correction	
1,154.00	8,628.00	Survey #2 (60H Lateral)	MWD+SAG+FDIR	OWSG MWD + Sag Correction + FDIR Correction	
8,703.00	8,703.00	Survey #3 (60H Lateral)	Projection	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	0.50	207.40	150.00	-0.58	-0.30	-0.30	0.33	0.33	0.00	
203.00	0.70	232.70	203.00	-0.98	-0.67	-0.66	0.62	0.38	47.74	
263.00	0.80	280.20	262.99	-1.13	-1.37	-1.37	1.02	0.17	79.17	
357.00	2.20	309.70	356.96	0.14	-3.40	-3.40	1.65	1.49	31.38	
452.00	4.30	323.80	451.80	4.18	-6.91	-6.91	2.35	2.21	14.84	
546.00	6.90	335.90	545.35	12.18	-11.30	-11.31	3.02	2.77	12.87	
641.00	8.40	328.00	639.50	23.27	-17.31	-17.33	1.92	1.58	-8.32	
735.00	9.60	323.10	732.34	35.36	-25.65	-25.68	1.51	1.28	-5.21	

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well STROS 29 60H
Project:	Eddy County, NM (NAD83) NMEZ Grid	TVD Reference:	3441+20 @ 3461.00usft (AKITA57)
Site:	STROS 29	MD Reference:	3441+20 @ 3461.00usft (AKITA57)
Well:	STROS 29 60H	North Reference:	Grid
Wellbore:	60H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	60H Lateral AsDrilled	Database:	PRIME_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
829.00	10.60	317.10	824.89	47.97	-36.24	-36.28	1.54	1.06	-6.38
924.00	12.00	314.40	918.05	61.28	-49.25	-49.30	1.58	1.47	-2.84
1,006.00	13.40	311.40	998.04	73.52	-62.47	-62.53	1.89	1.71	-3.66
1,154.00	15.86	312.23	1,141.23	98.46	-90.31	-90.39	1.67	1.66	0.56
1,279.00	18.20	313.75	1,260.74	123.44	-117.06	-117.17	1.91	1.87	1.22
1,405.00	22.20	315.52	1,378.97	154.05	-147.97	-148.10	3.21	3.17	1.40
1,532.00	23.87	317.99	1,495.84	190.26	-181.98	-182.14	1.52	1.31	1.94
1,657.00	23.60	320.73	1,610.27	228.43	-214.74	-214.94	0.91	-0.22	2.19
1,783.00	23.45	320.39	1,725.80	267.27	-246.69	-246.93	0.16	-0.12	-0.27
1,909.00	23.20	322.56	1,841.50	306.29	-277.76	-278.03	0.71	-0.20	1.72
2,036.00	23.23	319.76	1,958.22	345.27	-309.15	-309.45	0.87	0.02	-2.20
2,098.00	23.69	316.92	2,015.10	363.70	-325.56	-325.88	1.97	0.74	-4.58
2,161.00	21.93	323.12	2,073.18	382.36	-341.27	-341.60	4.73	-2.79	9.84
2,223.00	18.79	336.49	2,131.33	400.79	-352.21	-352.56	9.02	-5.06	21.56
2,285.00	16.01	350.50	2,190.51	418.39	-357.61	-357.97	8.08	-4.48	22.60
2,349.00	15.40	7.12	2,252.15	435.54	-358.01	-358.39	7.07	-0.95	25.97
2,412.00	15.45	23.39	2,312.91	451.55	-353.64	-354.03	6.85	0.08	25.83
2,474.00	15.55	38.48	2,372.68	465.64	-345.19	-345.59	6.49	0.16	24.34
2,538.00	17.18	53.59	2,434.12	477.97	-332.23	-332.65	7.10	2.55	23.61
2,601.00	20.64	63.80	2,493.72	488.40	-314.77	-315.20	7.58	5.49	16.21
2,663.00	24.97	69.46	2,550.87	497.83	-292.70	-293.14	7.82	6.98	9.13
2,725.00	29.09	72.20	2,606.09	507.03	-266.08	-266.53	6.94	6.65	4.42
2,789.00	32.83	76.60	2,660.97	515.81	-234.38	-234.83	6.83	5.84	6.88
2,851.00	37.96	78.19	2,711.49	523.61	-199.34	-199.80	8.41	8.27	2.56
2,914.00	42.63	79.82	2,759.53	531.35	-159.35	-159.82	7.60	7.41	2.59
2,977.00	46.98	82.08	2,804.22	538.30	-115.52	-115.99	7.35	6.90	3.59
3,040.00	50.75	84.62	2,845.66	543.76	-68.40	-68.88	6.71	5.98	4.03
3,103.00	54.69	85.83	2,883.82	547.92	-18.46	-18.94	6.44	6.25	1.92
3,165.00	59.40	87.16	2,917.54	551.09	33.45	32.97	7.81	7.60	2.15
3,196.00	60.08	87.68	2,933.16	552.29	60.20	59.72	2.63	2.19	1.68
3,228.00	60.30	86.69	2,949.07	553.65	87.93	87.45	2.77	0.69	-3.09
3,259.00	60.21	86.75	2,964.45	555.19	114.80	114.32	0.34	-0.29	0.19
3,291.00	60.21	86.55	2,980.34	556.82	142.53	142.04	0.54	0.00	-0.63
3,321.00	59.91	87.05	2,995.32	558.27	168.48	168.00	1.76	-1.00	1.67
3,354.00	60.00	86.31	3,011.84	559.92	197.00	196.51	1.96	0.27	-2.24
3,385.00	61.00	86.53	3,027.10	561.61	223.93	223.44	3.28	3.23	0.71
3,417.00	63.10	86.88	3,042.10	563.23	252.15	251.66	6.63	6.56	1.09
3,479.00	69.50	88.48	3,067.01	565.51	308.84	308.35	10.59	10.32	2.58
3,541.00	75.88	89.89	3,085.45	566.34	367.99	367.50	10.52	10.29	2.27
3,605.00	81.79	91.05	3,097.84	565.82	430.75	430.26	9.40	9.23	1.81
3,667.00	88.09	91.35	3,103.30	564.52	492.47	491.97	10.17	10.16	0.48
3,730.00	88.66	91.07	3,105.09	563.19	555.43	554.93	1.01	0.90	-0.44
3,855.00	88.46	91.30	3,108.23	560.61	680.36	679.87	0.24	-0.16	0.18

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well STROS 29 60H
Project:	Eddy County, NM (NAD83) NMEZ Grid	TVD Reference:	3441+20 @ 3461.00usft (AKITA57)
Site:	STROS 29	MD Reference:	3441+20 @ 3461.00usft (AKITA57)
Well:	STROS 29 60H	North Reference:	Grid
Wellbore:	60H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	60H Lateral AsDrilled	Database:	PRIME_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
3,980.00	89.89	87.82	3,110.03	561.57	805.32	804.83	3.01	1.14	-2.78	
4,105.00	90.03	88.20	3,110.12	565.91	930.24	929.75	0.32	0.11	0.30	
4,230.00	89.36	88.94	3,110.78	569.03	1,055.20	1,054.71	0.80	-0.54	0.59	
4,354.00	89.61	88.33	3,111.90	571.98	1,179.16	1,178.66	0.53	0.20	-0.49	
4,481.00	90.17	87.95	3,112.14	576.10	1,306.09	1,305.59	0.53	0.44	-0.30	
4,607.00	89.10	89.15	3,112.95	579.29	1,432.05	1,431.54	1.28	-0.85	0.95	
4,732.00	88.26	90.44	3,115.83	579.74	1,557.01	1,556.50	1.23	-0.67	1.03	
4,858.00	88.66	90.75	3,119.21	578.43	1,682.96	1,682.45	0.40	0.32	0.25	
4,983.00	88.49	90.30	3,122.32	577.29	1,807.91	1,807.41	0.38	-0.14	-0.36	
5,099.00	87.70	89.73	3,126.18	577.26	1,923.85	1,923.34	0.84	-0.68	-0.49	
5,189.00	87.84	89.59	3,129.68	577.79	2,013.78	2,013.27	0.22	0.16	-0.16	
5,315.00	88.23	89.62	3,134.00	578.66	2,139.70	2,139.19	0.31	0.31	0.02	
5,440.00	88.93	89.46	3,137.10	579.66	2,264.66	2,264.15	0.57	0.56	-0.13	
5,566.00	89.69	90.40	3,138.61	579.82	2,390.64	2,390.14	0.96	0.60	0.75	
5,691.00	88.96	90.01	3,140.09	579.37	2,515.63	2,515.13	0.66	-0.58	-0.31	
5,814.00	89.50	89.79	3,141.74	579.58	2,638.62	2,638.12	0.47	0.44	-0.18	
5,931.00	90.06	89.88	3,142.19	579.92	2,755.62	2,755.11	0.48	0.48	0.08	
6,051.00	88.23	91.04	3,143.98	578.96	2,875.60	2,875.09	1.81	-1.53	0.97	
6,171.00	88.60	90.65	3,147.30	577.19	2,995.54	2,995.03	0.45	0.31	-0.33	
6,291.00	89.13	90.54	3,149.67	575.94	3,115.51	3,115.00	0.45	0.44	-0.09	
6,410.00	89.33	89.84	3,151.27	575.55	3,234.49	3,233.99	0.61	0.17	-0.59	
6,530.00	89.83	89.55	3,152.15	576.19	3,354.49	3,353.98	0.48	0.42	-0.24	
6,650.00	88.23	90.34	3,154.19	576.30	3,474.47	3,473.96	1.49	-1.33	0.66	
6,770.00	88.51	89.59	3,157.60	576.37	3,594.42	3,593.91	0.67	0.23	-0.63	
6,889.00	88.04	90.21	3,161.18	576.58	3,713.36	3,712.86	0.65	-0.39	0.52	
7,011.00	89.64	90.50	3,163.65	575.83	3,835.33	3,834.83	1.33	1.31	0.24	
7,137.00	89.86	90.58	3,164.20	574.64	3,961.32	3,960.82	0.19	0.17	0.06	
7,264.00	89.47	90.68	3,164.94	573.24	4,088.31	4,087.81	0.32	-0.31	0.08	
7,390.00	88.32	90.67	3,167.37	571.76	4,214.28	4,213.78	0.91	-0.91	-0.01	
7,516.00	88.26	91.01	3,171.13	569.91	4,340.21	4,339.71	0.27	-0.05	0.27	
7,642.00	87.59	90.28	3,175.69	568.49	4,466.12	4,465.62	0.79	-0.53	-0.58	
7,768.00	88.37	89.37	3,180.14	568.88	4,592.04	4,591.54	0.95	0.62	-0.72	
7,893.00	89.58	88.69	3,182.37	571.00	4,717.00	4,716.50	1.11	0.97	-0.54	
8,019.00	88.23	89.74	3,184.78	572.72	4,842.96	4,842.45	1.36	-1.07	0.83	
8,144.00	89.33	89.73	3,187.44	573.30	4,967.92	4,967.42	0.88	0.88	-0.01	
8,270.00	87.45	90.77	3,190.98	572.75	5,093.87	5,093.36	1.70	-1.49	0.83	
8,396.00	88.54	90.64	3,195.39	571.20	5,219.78	5,219.28	0.87	0.87	-0.10	
8,521.00	89.38	89.75	3,197.66	570.78	5,344.75	5,344.25	0.98	0.67	-0.71	
8,628.00	90.36	89.09	3,197.90	571.86	5,451.75	5,451.24	1.10	0.92	-0.62	
8,703.00	90.36	89.09	3,197.43	573.05	5,526.73	5,526.23	0.00	0.00	0.00	

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well STROS 29 60H
Project:	Eddy County, NM (NAD83) NMEZ Grid	TVD Reference:	3441+20 @ 3461.00usft (AKITA57)
Site:	STROS 29	MD Reference:	3441+20 @ 3461.00usft (AKITA57)
Well:	STROS 29 60H	North Reference:	Grid
Wellbore:	60H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	60H Lateral AsDrilled	Database:	PRIME_EDM

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
STROS 29 60H SHL 90C - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	627,003.100	516,586.300	32.7236454	-104.4138175
STROS 29 60H IN CAVE - actual wellpath hits target center - Point	0.00	360.00	1,592.13	222.31	-209.70	627,225.406	516,376.602	32.7242560	-104.4144999
STROS 29 60H OUT CA - actual wellpath hits target center - Point	0.00	0.00	1,979.71	352.28	-315.20	627,355.383	516,271.098	32.7246130	-104.4148433
STROS 29 60H ESTKOI - actual wellpath hits target center - Point	0.00	0.00	2,015.10	363.70	-325.56	627,366.803	516,260.741	32.7246444	-104.4148770
STROS 29 60H IN NICK - actual wellpath hits target center - Point	0.00	0.00	2,847.75	544.00	-65.86	627,547.102	516,520.444	32.7251405	-104.4140330
STROS 29 60H OUT NI - actual wellpath hits target center - Point	0.00	0.00	2,968.57	555.61	121.99	627,558.706	516,708.294	32.7251728	-104.4134222
STROS 29 60H SECX 3 - actual wellpath misses target center by 0.01usft at 3470.01usft MD (3063.79 TVD, 565.27 N, 300.45 E) - Point	0.00	0.00	3,063.79	565.27	300.44	627,568.369	516,886.740	32.7251998	-104.4128419
STROS 29 60H FTP 33C - actual wellpath hits target center - Point	0.00	360.00	3,092.65	566.23	400.20	627,569.328	516,986.496	32.7252026	-104.4125175
STROS 29 60H 80° 333 - actual wellpath misses target center by 0.01usft at 3585.62usft MD (3094.77 TVD, 566.11 N, 411.62 E) - Point	0.00	360.00	3,094.77	566.11	411.62	627,569.209	516,997.919	32.7252023	-104.4124804
STROS 29 60H IN ARN - actual wellpath hits target center - Point	0.00	0.00	3,163.89	575.45	3,877.03	627,578.553	520,463.328	32.7252346	-104.4012117
STROS 29 60H OUT AR - actual wellpath hits target center - Point	0.00	0.00	3,164.84	573.38	4,076.82	627,576.478	520,663.115	32.7252292	-104.4005620
STROS 29 60H IN ARN - actual wellpath hits target center - Point	0.00	360.00	3,193.56	571.91	5,159.01	627,575.013	521,745.309	32.7252270	-104.3970429
STROS 29 60H TD 322F - actual wellpath hits target center - Point	0.00	0.00	3,197.43	573.05	5,526.74	627,576.150	522,113.035	32.7252308	-104.3958472
STROS 29 60H LTP 323 - actual wellpath misses target center by 26.00usft at 8628.00usft MD (3197.90 TVD, 571.86 N, 5451.75 E) - Point	0.00	0.00	3,197.74	572.27	5,477.74	627,575.372	522,064.042	32.7252286	-104.3960065
STROS 29 60H OUT AR - actual wellpath hits target center - Point	0.00	360.00	3,197.77	570.83	5,356.25	627,573.933	521,942.553	32.7252244	-104.3964015
STROS 29 60H ltsvy - actual wellpath hits target center - Point	0.00	360.00	3,197.90	571.86	5,451.75	627,574.960	522,038.050	32.7252274	-104.3960910
STROS 29 60H PBHL 3: - actual wellpath misses target center by 8.13usft at 8703.00usft MD (3197.43 TVD, 573.05 N, 5526.73 E) - Point	0.00	0.00	3,200.00	565.40	5,527.70	627,568.500	522,114.000	32.7252097	-104.3958440

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well STROS 29 60H
Project:	Eddy County, NM (NAD83) NMEZ Grid	TVD Reference:	3441+20 @ 3461.00usft (AKITA57)
Site:	STROS 29	MD Reference:	3441+20 @ 3461.00usft (AKITA57)
Well:	STROS 29 60H	North Reference:	Grid
Wellbore:	60H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	60H Lateral AsDrilled	Database:	PRIME_EDM

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,637.20	1,592.13	222.31	-209.70	IN CAVE NICKSEN 1 (500257)	
2,059.40	1,979.71	352.28	-315.20	OUT CAVE NICKSEN 1 (500257)	
2,098.00	2,015.10	363.70	-325.56	ESTKOP 535FNL_626FEL	
3,043.30	2,847.75	544.00	-65.86	IN NICKSON BM2 (520775)	
3,267.30	2,968.57	555.61	121.99	OUT NICKSON BM2 (520775)	
3,470.00	3,063.79	565.27	300.44	SECX 333FNL_0FWL/FSL	
3,574.00	3,092.65	566.23	400.20	FTP 333FNL_100FWL	
3,585.62	3,094.77	566.11	411.62	80° 333FNL_341FWL	
7,052.70	3,163.89	575.45	3,877.03	IN ARNQUIST EST 3 (522041)	
7,252.50	3,164.84	573.38	4,076.81	OUT ARNQUIST EST 3 (522041)	
8,335.20	3,193.56	571.91	5,159.01	IN ARNQUIST EST 2 (521942)	
8,532.50	3,197.77	570.83	5,356.25	OUT ARNQUIST EST 2 (521942)	
8,654.00	3,197.74	572.27	5,477.74	LTP 323FNL_100FEL	
8,703.00	3,197.43	573.05	5,526.73	TD 322FNL_51FEL	

Checked By: _____

Approved By: _____

Date: _____

District I
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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, 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		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name STROS 29			⁶ Well Number 60H
⁷ OGRID NO.		⁸ Operator Name SPUR ENERGY PARTNERS LLC.			⁹ Elevation 3441

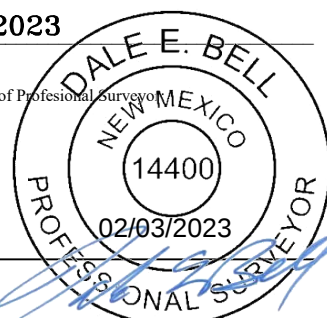
¹⁰ Surface Location

UL or lot no. A	Section 30	Township 18S	Range 26E	Lot Idn	Feet from the 900	North/South line NORTH	Feet From the 295	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 29	Township 18S	Range 26E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 50	East/West line EAST	County EDDY
¹² Dedicated Acres		¹³ Joint or Infill		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.

¹⁶ <u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 627003.1 - E: 516586.3 LAT: 32.7236454° N LONG: 104.4138176° W <u>FIRST TAKE POINT (FTP)</u> 330' FNL & 100' FWL - SEC 29 N: 627572.6 - E: 516986.4 LAT: 32.7252117° N LONG: 104.4125179° W <u>LAST TAKE POINT (LTP)</u> 330' FNL & 100' FWL - SEC 29 N: 627568.5 - E: 522064.0 LAT: 32.7252098° N LONG: 104.3958440° W <u>BOTTOM HOLE (BH)</u> N: 627568.5 - E: 522114.0 LAT: 32.7252097° N LONG: 104.3958440° W		<u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR W/PLASTIC CAP "ILLEGIBLE" N: 622604.7 - E: 511697.4 B: FOUND 3/8" REBAR W/WASHERS "PE 5412 & PS 9242" N: 627906.8 - E: 511762.1 C: CALCULATED CORNER N: 627902.6 - E: 516889.4 D: CALCULATED CORNER N: 627898.4 - E: 522165.5 E: CALCULATED CORNER N: 622625.1 - E: 522141.2 F: FOUND 3/8" REBAR N: 622636.0 - E: 519499.8 G: FOUND FENCE POST N: 622614.8 - E: 516841.1		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 _____ Printed Name _____ E-mail Address _____
(B)		(D)		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. 01/30/2023 Date of Survey Signature and Seal of Professional Surveyor 
LOT 1 LOT 2 30 29		S 89°57'14" E (GRID) 5,078.88' (HORIZ.) (FTP-LTP) 330' LTP B.H. 50' 900' S.L. 295'		4400 Certificate Number
LOT 4 (A)		(C) (E) (F)		Job No.: LS23010090

Bottom Hole Location: Prime Solution Services MWD Original
hole: Final Station 8628 MD Displacement = 5481.66' at a 84.01
Azimuth API # 30-015-53496

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 267343

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 267343
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 267343

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 267343
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 11/22/2023.	10/13/2023