

NM OIL CONSERVATION ARTESIA DISTRICT

DISTRICT I
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DISTRICT II
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Phone (575) 746-1283 Fax: (575) 746-9720

DISTRICT III
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Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

NM OIL CONSERVATION
State of New Mexico
Energy, Minerals and Natural Resources Department

OCT 18 2019
OIL CONSERVATION DIVISION
1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-45694	Pool Code 97565	Pool Name N. Seven Rivers; Glorieta-Yeso
Property Code 325894	Property Name ROSS RANCH 22	Well Number 13H
OGRID No. 328947	Operator Name Spur Energy Partners LLC	Elevation 3472'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
D	27	19 S	25 E		717	NORTH	557	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
D	22	19 S	25 E		20	NORTH	957	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

PROPOSED BOTTOM HOLE
Lat - N 32.653745°
Long - W 104.478079°
NMSPC- N 601593.8
E 496789.3
(NAD-83)

LAST TAKE POINT
100' FNL & 957' FWL
Lat - N 32.653525°
Long - W 104.478079°
NMSPC- N 601513.8
E 496789.2
(NAD-83)

FIRST TAKE POINT
100' FSL & 943' FWL
Lat - N 32.639315°
Long - W 104.478072°
NMSPC- N 596344.0
E 496784.2
(NAD-83)

SURFACE LOCATION
Lat - N 32.637104°
Long - W 104.479324°
NMSPC- N 59540.3
E 496397.7
(NAD-83)

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.

Ryan Barber
Signature
Date 10/18/19

Ryan Barber
Printed Name
rbarber@spurepllc.com
Email Address

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.

JANUARY 28 2019
Date Surveyed
Signature & Seal of Professional Surveyor
Certificate No. 7977
BASIC SURVEYOR

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'
WO Num.: 34312

Need Revised BHL
Rev 10-25-19

OCT 18 2019

WELLBENDERS
DIRECTIONAL SERVICES

Survey Report

RECEIVED

Service Company: Wellbenders

Location: Artesia NM

Well: Ross Ranch 22 #13H

Rig: Akita 20

API or UWI: 30-015-45694

Job Number: NMDG 2019 1045

State: NM

Operating Company: Spur Energy Partners LLC

County: Eddy

Magnetic Declination: 7.31

Country: USA

Proposed Azimuth: 0.06

Comment

North Reference: GRID

Latitude: -104.479324

Longitude: 32.637213

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
136.00	0.75	75.60	136.00	0.22	0.86	75.60	0.89	0.22	0.55
227.00	0.84	71.64	226.99	0.58	2.07	74.37	2.15	0.58	0.12
318.00	1.41	82.37	317.97	0.94	3.81	76.18	3.93	0.94	0.67
408.00	2.86	79.11	407.90	1.51	7.12	78.03	7.28	1.52	1.62
499.00	5.58	80.26	498.65	2.69	13.71	78.91	13.97	2.70	2.99
590.00	7.74	85.18	589.03	3.95	24.18	80.72	24.50	3.98	2.45
681.00	8.84	87.38	679.08	4.79	37.27	82.68	37.57	4.82	1.26
773.00	8.75	88.34	770.00	5.31	51.32	84.09	51.60	5.36	0.19
863.00	8.88	88.43	858.93	5.70	65.11	85.00	65.36	5.77	0.15
953.00	9.49	88.34	947.78	6.11	79.47	85.61	79.71	6.19	0.68
1044.00	9.54	90.01	1037.53	6.32	94.51	86.17	94.72	6.42	0.31
1135.00	9.49	90.63	1127.28	6.24	109.55	86.74	109.73	6.35	0.13
1210.00	9.23	91.15	1201.28	6.05	121.75	87.16	121.90	6.18	0.36
1362.00	9.67	90.45	1351.21	5.70	146.70	87.77	146.81	5.86	0.30
1456.00	10.42	89.75	1443.77	5.68	163.10	88.01	163.20	5.85	0.81
1550.00	11.16	87.73	1536.11	6.08	180.69	88.07	180.79	6.27	0.88

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1645.00	11.03	85.44	1629.34	7.16	198.93	87.94	199.06	7.37	0.48
1740.00	10.11	84.74	1722.72	8.65	216.30	87.71	216.47	8.88	0.98
1834.00	9.80	84.39	1815.31	10.19	232.47	87.49	232.70	10.43	0.34
1928.00	9.19	83.68	1908.02	11.80	247.90	87.28	248.18	12.06	0.66
2023.00	9.49	83.77	2001.76	13.48	263.22	87.07	263.57	13.76	0.32
2117.00	9.54	84.47	2094.47	15.07	278.68	86.90	279.09	15.36	0.13
2210.00	9.93	83.95	2186.13	16.66	294.32	86.76	294.79	16.97	0.43
2257.00	10.33	77.88	2232.40	17.97	302.47	86.60	303.01	18.29	2.42
2304.00	11.25	71.29	2278.57	20.33	310.94	86.26	311.60	20.65	3.27
2351.00	11.52	65.58	2324.64	23.74	319.55	85.75	320.43	24.07	2.46
2399.00	11.43	57.14	2371.69	28.30	327.91	85.07	329.13	28.65	3.50
2446.00	11.96	47.74	2417.71	34.10	335.43	84.19	337.16	34.46	4.20
2493.00	13.80	39.12	2463.53	41.73	342.57	83.05	345.10	42.09	5.65
2540.00	15.56	32.27	2509.00	51.41	349.47	81.63	353.24	51.78	5.25
2588.00	17.49	24.62	2555.02	63.41	355.92	79.90	361.52	63.79	6.05
2635.00	19.56	18.56	2599.59	77.30	361.37	77.93	369.54	77.67	6.01
2682.00	22.46	13.72	2643.46	93.48	366.00	75.67	377.75	93.86	7.19
2729.00	25.27	10.38	2686.44	112.07	369.94	73.15	386.54	112.46	6.63
2777.00	28.88	7.31	2729.18	133.66	373.26	70.30	396.47	134.05	8.06
2824.00	32.66	4.41	2769.56	157.57	375.68	67.25	407.39	157.96	8.64
2872.00	36.57	3.09	2809.05	184.77	377.45	63.92	420.25	185.17	8.29
2919.00	39.69	2.91	2846.02	213.75	378.97	60.58	435.09	214.15	6.64
2966.00	42.90	3.09	2881.33	244.72	380.59	57.26	452.48	245.12	6.83
3013.00	46.42	3.00	2914.75	277.70	382.34	54.01	472.55	278.10	7.49
3061.00	50.20	2.30	2946.67	313.50	383.99	50.77	495.72	313.90	7.95
3108.00	54.11	2.30	2975.50	350.58	385.48	47.71	521.06	350.98	8.32
3155.00	57.71	1.77	3001.84	389.47	386.86	44.81	548.95	389.88	7.72
3202.00	59.16	1.95	3026.44	429.50	388.16	42.11	578.91	429.90	3.10
3249.00	59.65	1.86	3050.36	469.93	389.51	39.65	610.37	470.34	1.06
3296.00	60.09	2.21	3073.96	510.55	390.95	37.44	643.05	510.96	1.14
3344.00	60.62	2.65	3097.70	552.23	392.72	35.42	677.64	552.65	1.36
3438.00	63.16	1.07	3141.99	635.09	395.40	31.91	748.12	635.51	3.08
3485.00	67.16	359.66	3161.73	677.73	395.66	30.28	784.77	678.15	8.94
3533.00	71.60	359.13	3178.63	722.64	395.18	28.67	823.64	723.06	9.31
3580.00	76.09	358.25	3191.70	767.76	394.15	27.17	863.03	768.18	9.72
3627.00	79.65	357.90	3201.57	813.68	392.60	25.76	903.45	814.09	7.61
3674.00	83.43	358.25	3208.49	860.14	391.04	24.45	944.85	860.54	8.08

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
3722.00	87.38	358.25	3212.33	907.95	389.58	23.22	988.00	908.36	8.23
3769.00	89.23	358.52	3213.72	954.91	388.26	22.13	1030.82	955.31	3.98
3817.00	90.29	358.08	3213.92	1002.89	386.83	21.09	1074.90	1003.29	2.39
3911.00	89.58	358.96	3214.03	1096.85	384.41	19.31	1162.26	1097.25	1.20
4006.00	90.59	359.22	3213.89	1191.84	382.90	17.81	1251.84	1192.24	1.10
4101.00	89.63	0.45	3213.71	1286.84	382.62	16.56	1342.52	1287.24	1.64
4196.00	90.24	1.33	3213.81	1381.82	384.10	15.53	1434.21	1382.22	1.13
4317.00	89.36	1.33	3214.24	1502.79	386.91	14.44	1551.80	1503.19	0.73
4411.00	90.20	1.95	3214.60	1596.75	389.60	13.71	1643.59	1597.16	1.11
4506.00	89.45	0.80	3214.89	1691.72	391.88	13.04	1736.51	1692.13	1.45
4601.00	89.98	359.92	3215.36	1786.71	392.47	12.39	1829.31	1787.12	1.08
4695.00	90.37	359.22	3215.07	1880.71	391.77	11.77	1921.08	1881.12	0.85
4790.00	89.85	358.17	3214.89	1975.68	389.61	11.16	2013.73	1976.09	1.23
4885.00	90.59	358.52	3214.53	2070.64	386.86	10.58	2106.47	2071.05	0.86
4979.00	90.77	358.61	3213.41	2164.61	384.51	10.07	2198.49	2165.01	0.21
5074.00	89.85	359.57	3212.90	2259.59	383.00	9.62	2291.82	2259.99	1.40
5168.00	90.55	0.45	3212.57	2353.59	383.02	9.24	2384.55	2353.99	1.20
5263.00	89.05	0.63	3212.90	2448.58	383.91	8.91	2478.49	2448.98	1.59
5358.00	89.76	1.24	3213.89	2543.56	385.46	8.62	2572.60	2543.96	0.99
5452.00	89.45	0.36	3214.54	2637.55	386.77	8.34	2665.76	2637.95	0.99
5547.00	90.24	0.28	3214.79	2732.55	387.30	8.07	2759.86	2732.95	0.84
5641.00	91.16	0.89	3213.64	2826.53	388.26	7.82	2853.08	2826.94	1.17
5736.00	89.76	0.01	3212.88	2921.52	389.01	7.58	2947.31	2921.93	1.74
5830.00	90.33	0.19	3212.81	3015.52	389.17	7.35	3040.53	3015.93	0.64
5924.00	90.11	359.40	3212.45	3109.52	388.84	7.13	3133.74	3109.93	0.87
6019.00	90.29	0.19	3212.11	3204.52	388.50	6.91	3227.98	3204.92	0.85
6113.00	91.74	0.89	3210.45	3298.50	389.38	6.73	3321.40	3298.90	1.71
6207.00	93.89	2.56	3205.83	3392.33	392.21	6.60	3414.93	3392.74	2.89
6298.00	93.36	1.86	3200.08	3483.08	395.71	6.48	3505.49	3483.50	0.96
6390.00	93.80	0.36	3194.33	3574.88	397.49	6.34	3596.91	3575.30	1.70
6485.00	93.14	358.69	3188.58	3669.70	396.70	6.17	3691.08	3670.11	1.89
6530.00	92.84	359.22	3186.24	3714.63	395.88	6.08	3735.67	3715.05	1.35
6576.00	90.77	359.66	3184.79	3760.60	395.43	6.00	3781.34	3761.02	4.60
6621.00	90.64	359.57	3184.23	3805.60	395.13	5.93	3826.06	3806.01	0.35
6667.00	88.09	359.48	3184.74	3851.59	394.75	5.85	3871.77	3852.00	5.55
6712.00	88.04	359.40	3186.26	3896.56	394.31	5.78	3916.46	3896.98	0.21
6757.00	87.03	358.25	3188.20	3941.51	393.39	5.70	3961.09	3941.92	3.40

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
6803.00	87.60	358.25	3190.35	3987.44	391.99	5.61	4006.66	3987.85	1.24
6849.00	87.91	358.69	3192.16	4033.39	390.76	5.53	4052.27	4033.80	1.17
6940.00	88.09	0.10	3195.33	4124.33	389.80	5.40	4142.70	4124.73	1.56
7030.00	87.52	359.05	3198.78	4214.26	389.13	5.28	4232.18	4214.66	1.33
7121.00	87.78	359.40	3202.51	4305.17	387.90	5.15	4322.61	4305.57	0.48
7212.00	88.26	359.66	3205.65	4396.11	387.15	5.03	4413.13	4396.52	0.60
7303.00	88.79	359.92	3208.00	4487.08	386.82	4.93	4503.72	4487.48	0.65
7394.00	87.74	359.66	3210.75	4578.04	386.49	4.83	4594.32	4578.44	1.19
7485.00	87.82	359.92	3214.28	4668.97	386.15	4.73	4684.91	4669.37	0.30
7576.00	88.84	0.10	3216.93	4759.93	386.17	4.64	4775.57	4760.33	1.14
7667.00	89.63	0.45	3218.14	4850.92	386.61	4.56	4866.30	4851.32	0.95
7761.00	90.24	0.63	3218.25	4944.91	387.49	4.48	4960.07	4945.32	0.68
7856.00	90.11	359.57	3217.96	5039.91	387.66	4.40	5054.80	5040.32	1.12
7951.00	89.80	359.13	3218.04	5134.91	386.58	4.31	5149.44	5135.31	0.57
8046.00	88.44	358.96	3219.49	5229.88	385.00	4.21	5244.03	5230.28	1.44
8140.00	88.53	359.48	3221.98	5323.84	383.72	4.12	5337.65	5324.24	0.56
8235.00	90.02	0.63	3223.18	5418.82	383.81	4.05	5432.40	5419.22	1.98
8329.00	90.29	1.77	3222.93	5512.80	385.78	4.00	5526.28	5513.20	1.25
8423.00	88.97	0.80	3223.53	5606.77	387.89	3.96	5620.17	5607.18	1.74
8518.00	89.67	0.54	3224.66	5701.76	389.00	3.90	5715.01	5702.16	0.79
8612.00	90.46	0.10	3224.55	5795.76	389.52	3.84	5808.83	5796.16	0.96
8707.00	90.51	0.45	3223.75	5890.75	389.98	3.79	5903.65	5891.16	0.37
8801.00	90.29	0.01	3223.09	5984.75	390.36	3.73	5997.47	5985.15	0.52
8810.00	90.37	359.92	3223.04	5993.75	390.35	3.73	6006.45	5994.15	1.34

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8860.00	90.37	359.92	3222.72	6043.75	390.28	3.69	6056.34	6044.15	0.00