

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-045-38288
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
8. Well Number Navajo Lake 32-6-11 001H
9. OGRID Number 308973
10. Pool name or Wildcat Basin Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 6174

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
Catamount Energy Partners, LLC

3. Address of Operator
600 17th Street Ste 1400S Denver CO 80202

4. Well Location
Unit Letter I: 1821 feet from the South line and 604 feet from the East line
Section 10 Township 32N Range 6W NMPM County San Juan

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☒	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.

While tripping in the hole on Lateral 1 of the Navajo Lake 32-6-11 1H we encountered tight hole conditions at ~4052 on 3/7/2023 and were unable to get the wellbore in good enough condition to continue drilling. Lateral 1 was drilled to 4938. Catamount would like to perform an open hole sidetrack and drill to the same BHL as Lateral 1. Attached are the actual surveys from Lateral 1 and the proposed new well plan for Lateral 1 ST 1. The proposed open hole sidetrack point is 3952.

Spud Date:

2/16/2023

Rig Release Date:

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

SIGNATURE

Nolan Redmond

TITLE Geo/Eng Tech

DATE 03/07/2023

Type or print name Nolan Redmond

E-mail address: nredmond@catamountep.com PHONE: 720-484-2347

For State Use Only

APPROVED BY: John Garcia

TITLE Petroleum Engineer

DATE 4/14/23

Conditions of Approval (if any):

**Navajo Lake 32-6-11 1, Nav Lake 32-6-11 1
Nav Lake 11-1 L1 Act
Survey Date: Tuesday, March 7, 2023**

Catamount Energy Partners Survey Report

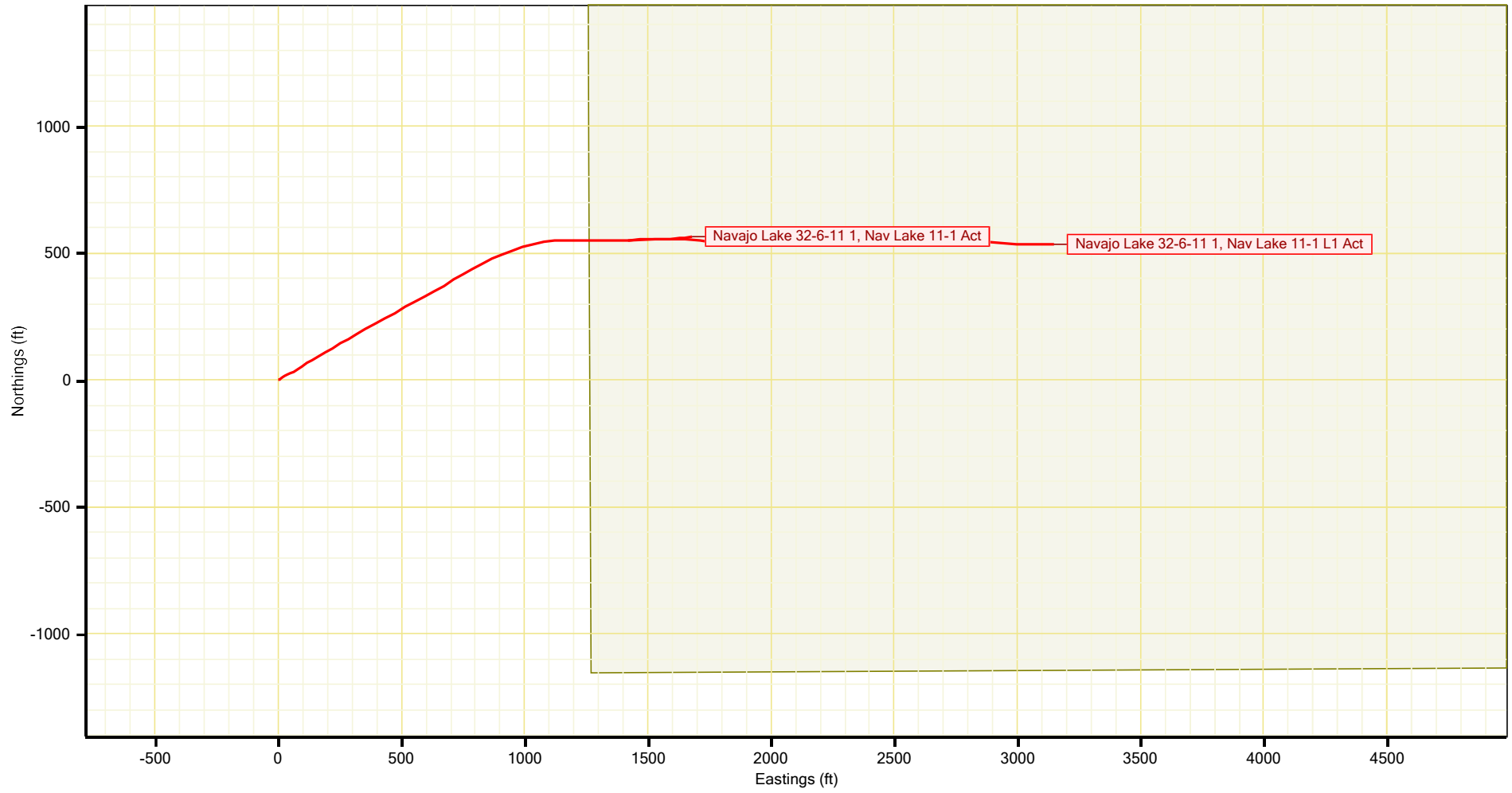
KellyDown - Version: 4.01.02.04





Navajo Lake

Navajo Lake 32-6-11 1



Catamount Energy Partners

Survey Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Survey:	Nav Lake 11-1 L1 Act		

Project	Navajo Lake		
Map System:	NAD83 New Mexico State Planes	System Datum:	Mean Sea Level
Geo Datum:	NAD 1983		
Map Zone:	Western Zone		

Site	Navajo Lake				
Site Position:		Northing:	2180887.29 N	Latitude:	36.99262500° N
From:	Map	Easting:	2838485.21 E	Longitude:	107.43820000° W
Position Uncertainty:	0.00ft	Slot Radius:	0in	Grid Convergence:	0.24°

Well	Navajo Lake 32-6-11 1					
Well Position:	+N/-S	0.00ft	Northing:	2180887.29 N	Latitude:	36.99262500° N
	+E/-W	0.00ft	Easting:	2838485.21 E	Longitude:	107.43820000° W
Position Uncertainty:	1.00ft	Wellhead Elevation:	6189.00ft	Ground Level:	6174.00ft	

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	USER DEFINED	11/30/2021	0.00	0.00	0.0

Survey	Nav Lake 11-1 L1 Act		
Audit Notes:			
Version:	Phase:	Tie On Depth:	3179.00ft

Vertical Section:	Depth from TVD (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	86.83

Survey Program		3/7/2023		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	3580.00	Nav Lake 11-1 Act	MWD	MWD
3580.00	4938.00	Nav Lake 11-1 L1 Act	MWD	MWD

Survey	Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
	0.00	0.00	0.00	0.00	-6189.00	0.00	0.00	0.00	0.00	0.00	0.0	MWD
	100.00	0.27	49.25	100.00	-6089.00	0.15	0.18	0.19	0.23	49.25	0.3	
	200.00	0.54	49.25	200.00	-5989.00	0.61	0.71	0.74	0.94	49.25	0.3	
	300.00	0.81	49.25	299.99	-5889.01	1.38	1.60	1.67	2.11	49.25	0.3	
	400.00	1.07	49.25	399.98	-5789.02	2.45	2.84	2.97	3.75	49.25	0.3	
	500.00	4.09	62.04	499.90	-5689.10	4.34	5.73	5.96	7.19	52.84	3.1	
	600.00	7.32	63.31	599.36	-5589.64	8.96	14.87	15.35	17.36	58.95	3.2	
	700.00	9.99	62.88	698.23	-5490.77	15.71	28.20	29.03	32.28	60.89	2.7	
	800.00	13.45	61.32	796.15	-5392.85	25.28	46.00	47.33	52.49	61.21	3.5	
	900.00	17.31	59.94	892.60	-5296.40	38.20	68.94	70.95	78.82	61.01	3.9	
	1000.00	21.63	58.62	986.82	-5202.18	55.30	97.68	100.59	112.25	60.49	4.3	
	1100.00	25.26	58.78	1078.56	-5110.44	75.82	131.75	135.74	152.01	60.08	3.6	
	1200.00	30.09	60.93	1167.12	-5021.88	99.15	171.80	177.02	198.36	60.01	4.9	
	1300.00	33.73	60.56	1251.82	-4937.18	124.81	218.33	224.90	251.48	60.25	3.6	
	1400.00	37.01	59.17	1333.32	-4855.68	154.01	268.35	276.46	309.40	60.15	3.4	

Catamount Energy Partners Survey Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Survey:	Nav Lake 11-1 L1 Act		

Survey Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
1500.00	40.25	59.80	1411.47	-4777.53	185.90	321.95	331.74	371.77	60.00	3.3	
1600.00	44.62	62.32	1485.50	-4703.50	218.20	380.86	392.35	438.94	60.19	4.7	
1700.00	47.49	62.69	1554.45	-4634.55	251.33	445.26	458.48	511.29	60.56	2.9	
1800.00	47.07	61.91	1621.96	-4567.04	285.87	510.44	525.47	585.04	60.75	0.7	
1900.00	45.95	61.90	1690.50	-4498.50	320.25	574.62	591.46	657.84	60.87	1.1	
2000.00	44.72	61.61	1761.11	-4427.89	353.62	637.08	655.67	728.64	60.97	1.2	
2100.00	44.81	60.81	1831.77	-4357.23	387.62	699.14	719.51	799.40	60.99	0.6	
2200.00	44.82	60.11	1902.93	-4286.07	422.37	760.20	782.41	869.66	60.94	0.5	
2300.00	45.55	61.46	1973.30	-4215.70	457.30	822.06	846.10	940.70	60.91	1.2	
2400.00	44.29	67.20	2044.24	-4144.76	487.25	885.81	911.42	1010.98	61.19	4.2	
2500.00	44.86	71.13	2115.63	-4073.37	512.70	951.03	977.94	1080.43	61.67	2.8	
2600.00	45.41	76.92	2186.18	-4002.82	531.98	1019.19	1047.07	1149.68	62.44	4.1	
2700.00	44.89	82.32	2256.46	-3932.54	544.90	1089.13	1117.61	1217.83	63.42	3.9	
2800.00	43.02	87.48	2328.54	-3860.46	550.81	1158.16	1186.86	1282.47	64.56	4.0	
2900.00	43.23	89.13	2401.58	-3787.42	552.41	1226.43	1255.12	1345.10	65.75	1.1	
3000.00	43.95	90.03	2474.15	-3714.85	553.19	1295.24	1323.86	1408.42	66.87	1.0	
3100.00	44.08	89.97	2546.29	-3642.71	553.16	1364.48	1393.00	1472.35	67.93	0.1	
3179.00	44.20	89.94	2602.87	-3586.13	553.22	1419.62	1448.05	1523.60	68.71	0.2	
3200.00	48.05	89.49	2617.42	-3571.58	553.29	1434.75	1463.17	1537.74	68.91	18.4	
3300.00	66.42	87.90	2671.31	-3517.69	555.31	1518.45	1546.85	1616.81	69.91	18.4	
3400.00	78.70	91.42	2699.14	-3489.86	556.76	1614.25	1642.58	1707.56	70.97	12.7	
3500.00	85.93	95.66	2713.75	-3475.25	549.89	1712.84	1740.64	1798.94	72.20	8.4	
3580.00	90.56	92.74	2714.85	-3474.15	544.45	1792.61	1819.99	1873.47	73.11	3.0	MWD
3600.00	90.84	92.22	2714.60	-3474.40	543.58	1812.59	1839.89	1892.35	73.31	6.0	
3700.00	89.93	89.33	2713.19	-3475.81	542.32	1912.56	1939.64	1987.97	74.17	3.0	
3800.00	89.20	88.86	2714.42	-3474.58	544.19	2012.54	2039.56	2084.81	74.87	0.9	
3900.00	89.42	88.16	2715.50	-3473.50	546.79	2112.50	2139.52	2182.11	75.49	0.7	
4000.00	91.41	88.75	2714.65	-3474.35	549.45	2212.45	2239.46	2279.66	76.05	2.1	
4100.00	88.24	88.68	2713.75	-3475.25	551.61	2312.40	2339.38	2377.29	76.58	3.2	
4200.00	85.57	86.06	2719.61	-3469.39	555.33	2412.14	2439.18	2475.24	77.04	3.7	
4300.00	86.76	88.99	2727.17	-3461.83	561.33	2511.65	2538.87	2573.62	77.40	3.2	
4400.00	87.80	92.88	2730.15	-3458.85	558.59	2611.55	2638.45	2670.62	77.93	4.0	
4500.00	88.12	92.78	2734.10	-3454.90	553.75	2711.35	2737.84	2767.32	78.46	0.3	
4600.00	90.00	93.92	2735.88	-3453.12	548.02	2811.16	2837.18	2864.08	78.97	2.2	
4700.00	90.34	93.14	2735.44	-3453.56	541.02	2910.92	2936.39	2960.76	79.47	0.9	
4800.00	90.72	91.50	2734.37	-3454.63	537.26	3010.84	3035.95	3058.40	79.88	1.7	
4900.00	89.76	90.82	2734.38	-3454.62	535.54	3110.82	3135.68	3156.58	80.23	1.2	
4938.00	89.76	90.82	2734.54	-3454.46	535.00	3148.81	3173.59	3193.94	80.36	0.0	L1 TD

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
-hit/miss target									
-Shape									
L1 TD			2703.00	529.92	9562.65	2181417.21 N	2848047.85 E	36.99396700° N	107.40544800° W
- survey misses the target center by 6413.91ft at 4938.00ft MD (2734.54TVD, 535.00 N, 3148.81 E)									
- Point									

Checked By:	Approved By:	Date:
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Catamount Energy Partners Survey Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Survey:	Nav Lake 11-1 L1 Act		

Disclaimer Notice

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Catamount Energy Partners are not responsible for any actions (or lack thereof) taken as a result of relying on or in any way using information contained in this document and in no event shall be liable for any damages resulting from reliance on or use of this information.

**Navajo Lake 32-6-11 1, Nav Lake 32-6-11 1
Nav Lake 11-1 L1ST1**

Catamount Energy Partners Proposal Report

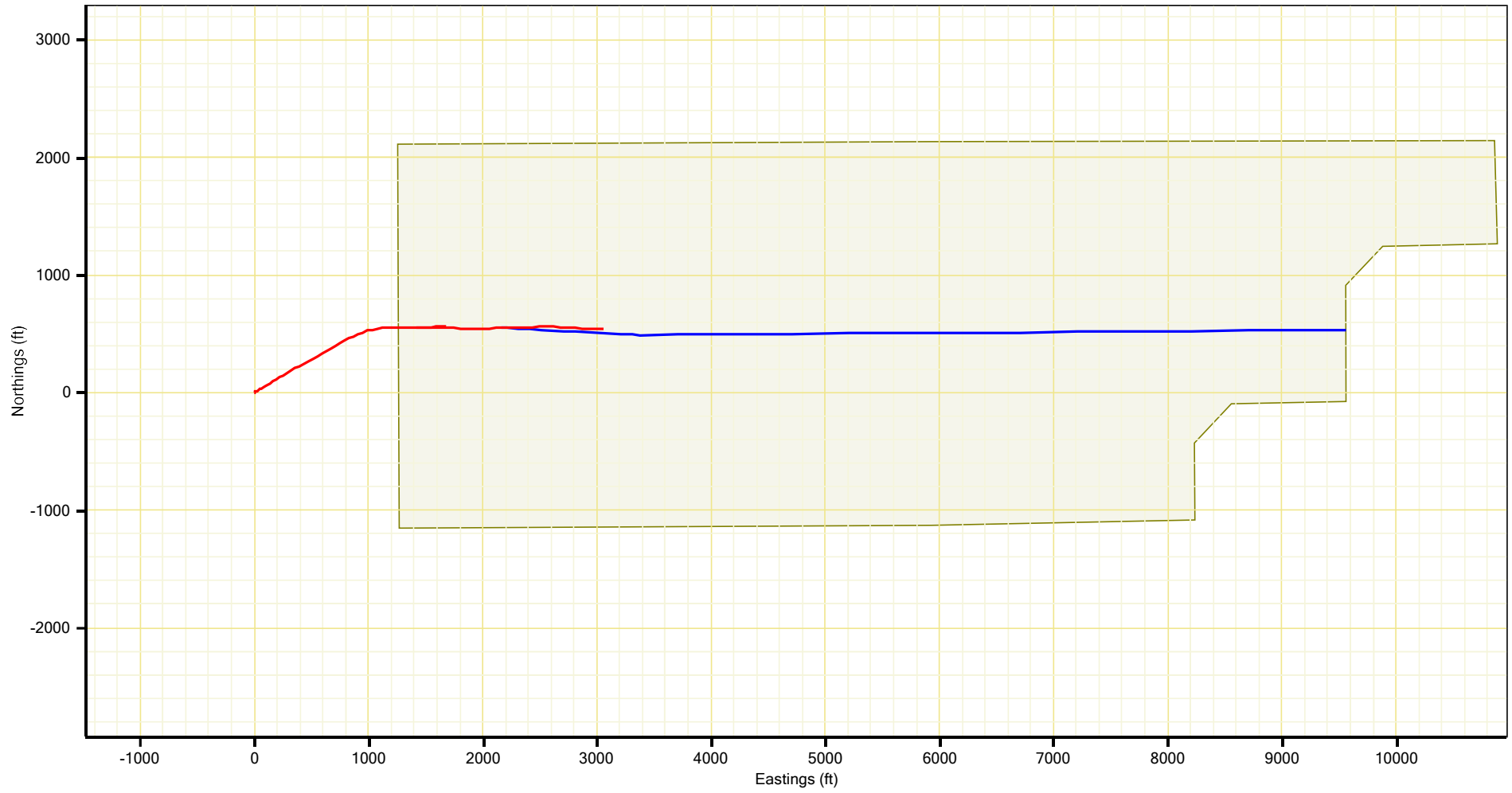
KellyDown - Version: 4.01.02.04





Navajo Lake

Navajo Lake 32-6-11 1



Catamount Energy Partners

Proposal Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Proposal:	Nav Lake 11-1 L1ST1		

Project	Navajo Lake		
Map System:	NAD83 New Mexico State Planes	System Datum:	Mean Sea Level
Geo Datum:	NAD 1983		
Map Zone:	Western Zone		

Site	Navajo Lake				
Site Position:		Northing:	2180887.29 N	Latitude:	36.99262500° N
From:	Map	Easting:	2838485.21 E	Longitude:	107.43820000° W
Position Uncertainty:	0.00ft	Slot Radius:	0in	Grid Convergence:	0.24°

Well	Navajo Lake 32-6-11 1					
Well Position:	+N/-S	0.00ft	Northing:	2180887.29 N	Latitude:	36.99262500° N
	+E/-W	0.00ft	Easting:	2838485.21 E	Longitude:	107.43820000° W
Position Uncertainty:	1.00ft	Wellhead Elevation:	6189.00ft	Ground Level:	6174.00ft	

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	USER DEFINED	11/30/2021	0.00	0.00	0.0

Proposal	Nav Lake 11-1 L1ST1		
Audit Notes:			
Version:	Phase:	Tie On Depth:	3952.00ft

Vertical Section:	Depth from TVD (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	86.83

Survey Program		3/7/2023			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	3580.00	Nav Lake 11-1 Act	MWD	MWD	
3580.00	4849.00	Nav Lake 11-1 L1 Act	MWD	MWD	
4849.00	11352.19	Nav Lake 11-1 L1ST1	MWD	MWD	

Plan Sections										
Measured Depth (ft)	inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
3952.00	90.60	88.53	2715.57	548.35	2164.47					
3990.00	87.00	93.00	2716.37	547.84	2202.45	15.1	-9.5	11.8	128.89	
4100.00	87.50	93.00	2721.64	542.09	2312.17	0.5	0.5	0.0	0.00	
4200.00	88.00	93.00	2725.57	536.86	2411.95	0.5	0.5	0.0	0.00	
4300.00	88.50	93.00	2728.62	531.63	2511.77	0.5	0.5	0.0	0.00	
4500.00	88.50	93.00	2733.86	521.17	2711.43	0.0	0.0	0.0	0.00	
4600.00	90.00	93.00	2735.17	515.93	2811.28	1.5	1.5	0.0	0.00	
5000.00	90.00	93.00	2735.17	495.00	3210.73	0.0	0.0	0.0	0.00	
5168.62	90.29	89.64	2734.74	491.11	3379.28	2.0	0.2	-2.0	-84.99	
11352.19	90.29	89.64	2703.00	529.92	9562.65	0.0	0.0	0.0	0.00	L1 TD

Catamount Energy Partners Proposal Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Proposal:	Nav Lake 11-1 L1ST1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
0.00	0.00	0.00	0.00	-6189.00	0.00	0.00	0.00	0.00	0.00	0.0	MWD
100.00	0.27	49.25	100.00	-6089.00	0.15	0.18	0.19	0.23	49.25	0.3	
200.00	0.54	49.25	200.00	-5989.00	0.61	0.71	0.74	0.94	49.25	0.3	
300.00	0.81	49.25	299.99	-5889.01	1.38	1.60	1.67	2.11	49.25	0.3	
400.00	1.07	49.25	399.98	-5789.02	2.45	2.84	2.97	3.75	49.25	0.3	
500.00	4.09	62.04	499.90	-5689.10	4.34	5.73	5.96	7.19	52.84	3.1	
600.00	7.32	63.31	599.36	-5589.64	8.96	14.87	15.35	17.36	58.95	3.2	
700.00	9.99	62.88	698.23	-5490.77	15.71	28.20	29.03	32.28	60.89	2.7	
800.00	13.45	61.32	796.15	-5392.85	25.28	46.00	47.33	52.49	61.21	3.5	
900.00	17.31	59.94	892.60	-5296.40	38.20	68.94	70.95	78.82	61.01	3.9	
1000.00	21.63	58.62	986.82	-5202.18	55.30	97.68	100.59	112.25	60.49	4.3	
1100.00	25.26	58.78	1078.56	-5110.44	75.82	131.75	135.74	152.01	60.08	3.6	
1200.00	30.09	60.93	1167.12	-5021.88	99.15	171.80	177.02	198.36	60.01	4.9	
1300.00	33.73	60.56	1251.82	-4937.18	124.81	218.33	224.90	251.48	60.25	3.6	
1400.00	37.01	59.17	1333.32	-4855.68	154.01	268.35	276.46	309.40	60.15	3.4	
1500.00	40.25	59.80	1411.47	-4777.53	185.90	321.95	331.74	371.77	60.00	3.3	
1600.00	44.62	62.32	1485.50	-4703.50	218.20	380.86	392.35	438.94	60.19	4.7	
1700.00	47.49	62.69	1554.45	-4634.55	251.33	445.26	458.48	511.29	60.56	2.9	
1800.00	47.07	61.91	1621.96	-4567.04	285.87	510.44	525.47	585.04	60.75	0.7	
1900.00	45.95	61.90	1690.50	-4498.50	320.25	574.62	591.46	657.84	60.87	1.1	
2000.00	44.72	61.61	1761.11	-4427.89	353.62	637.08	655.67	728.64	60.97	1.2	
2100.00	44.81	60.81	1831.77	-4357.23	387.62	699.14	719.51	799.40	60.99	0.6	
2200.00	44.82	60.11	1902.93	-4286.07	422.37	760.20	782.41	869.66	60.94	0.5	
2300.00	45.55	61.46	1973.30	-4215.70	457.30	822.06	846.10	940.70	60.91	1.2	
2400.00	44.29	67.20	2044.24	-4144.76	487.25	885.81	911.42	1010.98	61.19	4.2	
2500.00	44.86	71.13	2115.63	-4073.37	512.70	951.03	977.94	1080.43	61.67	2.8	
2600.00	45.41	76.92	2186.18	-4002.82	531.98	1019.19	1047.07	1149.68	62.44	4.1	
2700.00	44.89	82.32	2256.46	-3932.54	544.90	1089.13	1117.61	1217.83	63.42	3.9	
2800.00	43.02	87.48	2328.54	-3860.46	550.81	1158.16	1186.86	1282.47	64.56	4.0	
2900.00	43.23	89.13	2401.58	-3787.42	552.41	1226.43	1255.12	1345.10	65.75	1.1	
3000.00	43.95	90.03	2474.15	-3714.85	553.19	1295.24	1323.86	1408.42	66.87	1.0	
3100.00	44.08	89.97	2546.29	-3642.71	553.16	1364.48	1393.00	1472.35	67.93	0.1	
3179.00	44.20	89.94	2602.87	-3586.13	553.22	1419.62	1448.05	1523.60	68.71	0.2	
3200.00	48.05	89.49	2617.42	-3571.58	553.29	1434.75	1463.17	1537.74	68.91	18.4	
3300.00	66.42	87.90	2671.31	-3517.69	555.31	1518.45	1546.85	1616.81	69.91	18.4	
3400.00	78.70	91.42	2699.14	-3489.86	556.76	1614.25	1642.58	1707.56	70.97	12.7	MWD
3500.00	85.93	95.66	2713.75	-3475.25	549.89	1712.84	1740.64	1798.94	72.20	8.4	
3580.00	90.56	92.74	2714.85	-3474.15	544.45	1792.61	1819.99	1873.47	73.11	3.0	
3600.00	90.84	92.22	2714.60	-3474.40	543.58	1812.59	1839.89	1892.35	73.31	6.0	
3700.00	89.93	89.33	2713.19	-3475.81	542.32	1912.56	1939.64	1987.97	74.17	3.0	
3800.00	89.20	88.86	2714.42	-3474.58	544.19	2012.54	2039.56	2084.81	74.87	0.9	KOP
3900.00	89.42	88.16	2715.50	-3473.50	546.79	2112.50	2139.52	2182.11	75.49	0.7	
3952.00	90.60	88.53	2715.57	-3473.43	548.35	2164.47	2191.50	2232.85	75.78	2.4	
3990.00	87.00	93.00	2716.37	-3472.63	547.84	2202.45	2229.38	2269.56	76.03	15.1	
4000.00	87.05	93.00	2716.89	-3472.11	547.32	2212.42	2239.31	2279.11	76.10	0.5	
4100.00	87.50	93.00	2721.64	-3467.36	542.09	2312.17	2338.62	2374.86	76.81	0.5	
4200.00	88.00	93.00	2725.57	-3463.43	536.86	2411.95	2437.96	2470.98	77.45	0.5	
4300.00	88.50	93.00	2728.62	-3460.38	531.63	2511.77	2537.34	2567.41	78.05	0.5	
4400.00	88.50	93.00	2731.24	-3457.76	526.40	2611.60	2636.72	2664.12	78.60	0.0	
4500.00	88.50	93.00	2733.86	-3455.14	521.17	2711.43	2736.11	2761.06	79.12	0.0	

Catamount Energy Partners Proposal Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Proposal:	Nav Lake 11-1 L1ST1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
4600.00	90.00	93.00	2735.17	-3453.83	515.93	2811.28	2835.52	2858.23	79.60	1.5	
4700.00	90.00	93.00	2735.17	-3453.83	510.70	2911.14	2934.94	2955.60	80.05	0.0	
4800.00	90.00	93.00	2735.17	-3453.83	505.47	3011.00	3034.36	3053.14	80.47	0.0	
4849.00	90.00	93.00	2735.17	-3453.83	502.90	3059.94	3083.08	3100.99	80.67	0.0	MWD
4900.00	90.00	93.00	2735.17	-3453.83	500.23	3110.87	3133.78	3150.83	80.86	0.0	
5000.00	90.00	93.00	2735.17	-3453.83	495.00	3210.73	3233.20	3248.66	81.24	0.0	
5100.00	90.17	91.01	2735.02	-3453.98	491.50	3310.66	3332.79	3346.95	81.56	2.0	
5168.62	90.29	89.64	2734.74	-3454.26	491.11	3379.28	3401.28	3414.78	81.73	2.0	
5200.00	90.29	89.64	2734.58	-3454.42	491.31	3410.66	3432.62	3445.86	81.80	0.0	
5300.00	90.29	89.64	2734.06	-3454.94	491.94	3510.66	3532.50	3544.96	82.02	0.0	
5400.00	90.29	89.64	2733.55	-3455.45	492.57	3610.65	3632.38	3644.10	82.23	0.0	
5500.00	90.29	89.64	2733.04	-3455.96	493.19	3710.65	3732.25	3743.28	82.43	0.0	
5600.00	90.29	89.64	2732.52	-3456.48	493.82	3810.65	3832.13	3842.51	82.62	0.0	
5700.00	90.29	89.64	2732.01	-3456.99	494.45	3910.64	3932.01	3941.78	82.79	0.0	
5800.00	90.29	89.64	2731.50	-3457.50	495.08	4010.64	4031.89	4041.08	82.96	0.0	
5900.00	90.29	89.64	2730.98	-3458.02	495.70	4110.64	4131.77	4140.42	83.12	0.0	
6000.00	90.29	89.64	2730.47	-3458.53	496.33	4210.63	4231.65	4239.78	83.28	0.0	
6100.00	90.29	89.64	2729.96	-3459.04	496.96	4310.63	4331.52	4339.18	83.42	0.0	
6200.00	90.29	89.64	2729.44	-3459.56	497.59	4410.63	4431.40	4438.61	83.56	0.0	
6300.00	90.29	89.64	2728.93	-3460.07	498.21	4510.62	4531.28	4538.05	83.70	0.0	
6400.00	90.29	89.64	2728.42	-3460.58	498.84	4610.62	4631.16	4637.53	83.82	0.0	
6500.00	90.29	89.64	2727.90	-3461.10	499.47	4710.62	4731.04	4737.02	83.95	0.0	
6600.00	90.29	89.64	2727.39	-3461.61	500.10	4810.61	4830.91	4836.54	84.07	0.0	
6700.00	90.29	89.64	2726.88	-3462.12	500.72	4910.61	4930.79	4936.07	84.18	0.0	
6800.00	90.29	89.64	2726.36	-3462.64	501.35	5010.61	5030.67	5035.63	84.29	0.0	
6900.00	90.29	89.64	2725.85	-3463.15	501.98	5110.60	5130.55	5135.20	84.39	0.0	
7000.00	90.29	89.64	2725.34	-3463.66	502.61	5210.60	5230.43	5234.78	84.49	0.0	
7100.00	90.29	89.64	2724.82	-3464.18	503.23	5310.60	5330.31	5334.39	84.59	0.0	
7200.00	90.29	89.64	2724.31	-3464.69	503.86	5410.59	5430.18	5434.00	84.68	0.0	
7300.00	90.29	89.64	2723.80	-3465.20	504.49	5510.59	5530.06	5533.64	84.77	0.0	
7400.00	90.29	89.64	2723.28	-3465.72	505.12	5610.59	5629.94	5633.28	84.86	0.0	
7500.00	90.29	89.64	2722.77	-3466.23	505.74	5710.58	5729.82	5732.94	84.94	0.0	
7600.00	90.29	89.64	2722.26	-3466.74	506.37	5810.58	5829.70	5832.60	85.02	0.0	
7700.00	90.29	89.64	2721.74	-3467.26	507.00	5910.58	5929.58	5932.28	85.10	0.0	
7800.00	90.29	89.64	2721.23	-3467.77	507.63	6010.57	6029.45	6031.97	85.17	0.0	
7900.00	90.29	89.64	2720.72	-3468.28	508.26	6110.57	6129.33	6131.67	85.25	0.0	
8000.00	90.29	89.64	2720.20	-3468.80	508.88	6210.57	6229.21	6231.38	85.32	0.0	
8100.00	90.29	89.64	2719.69	-3469.31	509.51	6310.56	6329.09	6331.10	85.38	0.0	
8200.00	90.29	89.64	2719.18	-3469.82	510.14	6410.56	6428.97	6430.83	85.45	0.0	
8300.00	90.29	89.64	2718.66	-3470.34	510.77	6510.56	6528.84	6530.56	85.51	0.0	
8400.00	90.29	89.64	2718.15	-3470.85	511.39	6610.55	6628.72	6630.31	85.58	0.0	
8500.00	90.29	89.64	2717.64	-3471.36	512.02	6710.55	6728.60	6730.06	85.64	0.0	
8600.00	90.29	89.64	2717.13	-3471.87	512.65	6810.55	6828.48	6829.81	85.70	0.0	
8700.00	90.29	89.64	2716.61	-3472.39	513.28	6910.54	6928.36	6929.58	85.75	0.0	
8800.00	90.29	89.64	2716.10	-3472.90	513.90	7010.54	7028.24	7029.35	85.81	0.0	
8900.00	90.29	89.64	2715.59	-3473.41	514.53	7110.54	7128.11	7129.13	85.86	0.0	
9000.00	90.29	89.64	2715.07	-3473.93	515.16	7210.53	7227.99	7228.91	85.91	0.0	
9100.00	90.29	89.64	2714.56	-3474.44	515.79	7310.53	7327.87	7328.70	85.96	0.0	
9200.00	90.29	89.64	2714.05	-3474.95	516.41	7410.53	7427.75	7428.50	86.01	0.0	
9300.00	90.29	89.64	2713.53	-3475.47	517.04	7510.52	7527.63	7528.30	86.06	0.0	

Catamount Energy Partners Proposal Report



Database:	San Juan Basin	Local Coordinate Reference:	Navajo Lake
Company:		TVD Reference:	Nav Lake 32-6-11 1
Project:	Navajo Lake	MD Reference:	Nav Lake 32-6-11 1
Site:	Navajo Lake	North reference:	Grid North
Well:	Navajo Lake 32-6-11 1	Survey Calculation Method:	Minimum Curvature
Wellbore:			
Proposal:	Nav Lake 11-1 L1ST1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
9400.00	90.29	89.64	2713.02	-3475.98	517.67	7610.52	7627.51	7628.11	86.11	0.0	
9500.00	90.29	89.64	2712.51	-3476.49	518.30	7710.52	7727.38	7727.92	86.15	0.0	
9600.00	90.29	89.64	2711.99	-3477.01	518.92	7810.51	7827.26	7827.73	86.20	0.0	
9700.00	90.29	89.64	2711.48	-3477.52	519.55	7910.51	7927.14	7927.55	86.24	0.0	
9800.00	90.29	89.64	2710.97	-3478.03	520.18	8010.51	8027.02	8027.38	86.28	0.0	
9900.00	90.29	89.64	2710.45	-3478.55	520.81	8110.50	8126.90	8127.21	86.33	0.0	
10000.00	90.29	89.64	2709.94	-3479.06	521.43	8210.50	8226.78	8227.04	86.37	0.0	
10100.00	90.29	89.64	2709.43	-3479.57	522.06	8310.50	8326.65	8326.88	86.41	0.0	
10200.00	90.29	89.64	2708.91	-3480.09	522.69	8410.50	8426.53	8426.72	86.44	0.0	
10300.00	90.29	89.64	2708.40	-3480.60	523.32	8510.49	8526.41	8526.57	86.48	0.0	
10400.00	90.29	89.64	2707.89	-3481.11	523.94	8610.49	8626.29	8626.41	86.52	0.0	
10500.00	90.29	89.64	2707.37	-3481.63	524.57	8710.49	8726.17	8726.27	86.55	0.0	
10600.00	90.29	89.64	2706.86	-3482.14	525.20	8810.48	8826.04	8826.12	86.59	0.0	
10700.00	90.29	89.64	2706.35	-3482.65	525.83	8910.48	8925.92	8925.98	86.62	0.0	
10800.00	90.29	89.64	2705.83	-3483.17	526.45	9010.48	9025.80	9025.84	86.66	0.0	
10900.00	90.29	89.64	2705.32	-3483.68	527.08	9110.47	9125.68	9125.71	86.69	0.0	
11000.00	90.29	89.64	2704.81	-3484.19	527.71	9210.47	9225.56	9225.57	86.72	0.0	
11100.00	90.29	89.64	2704.29	-3484.71	528.34	9310.47	9325.44	9325.44	86.75	0.0	
11200.00	90.29	89.64	2703.78	-3485.22	528.96	9410.46	9425.31	9425.32	86.78	0.0	
11300.00	90.29	89.64	2703.27	-3485.73	529.59	9510.46	9525.19	9525.19	86.81	0.0	
11352.19	90.29	89.64	2703.00	-3486.00	529.92	9562.65	9577.32	9577.32	86.83	0.0	L1 TD

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
-hit/miss target									
-Shape									
L1 TD			2703.00	529.92	9562.65	2181417.21 N	2848047.85 E	36.99396700° N	107.40544800° W
- proposal hits the target center									
- Point									

Proposal Annotations				
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
3952.00	2715.57	548.35	2164.47	KOP

Checked By:	Approved By:	Date:
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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

CONDITIONS

Action 194533

CONDITIONS

Operator: CATAMOUNT ENERGY PARTNERS LLC 600 17TH STREET STE 1400 S DENVER, CO 80202	OGRID: 308973
	Action Number: 194533
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	4/14/2023