

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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 334039 WELL API NUMBER 30-045-38288 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name NAVAJO LAKE 32 6 11																																																																																																
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: G		8. Well Number 001H																																																																																																
2. Name of Operator CATAMOUNT ENERGY PARTNERS LLC		9. OGRID Number 308973																																																																																																
3. Address of Operator 600 17TH STREET STE 1400 S, DENVER, CO 80202		10. Pool name or Wildcat																																																																																																
4. Well Location Unit Letter <u>I</u> : <u>1821</u> feet from the <u>S</u> line and feet <u>604</u> from the <u>E</u> line Section <u>10</u> Township <u>32N</u> Range <u>06W</u> NMPM _____ County <u>San Juan</u>																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 6174 GR																																																																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																																													
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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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See Attachment. See Attached <u>2/16/2023</u> Spudded well.																																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>02/18/23</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>376</td> <td>175</td> <td></td> <td>III</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>03/01/23</td> <td>Int1</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>23</td> <td>J55</td> <td>0</td> <td>3566</td> <td>432</td> <td>1.71</td> <td>III</td> <td></td> <td>1513</td> <td>7</td> <td>N</td> </tr> <tr> <td>03/11/23</td> <td>Liner1</td> <td>CutBrine</td> <td>6.125</td> <td>4.5</td> <td>11.6</td> <td>J55</td> <td>0</td> <td>5423</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/16/23</td> <td>Liner2</td> <td>CutBrine</td> <td>6.125</td> <td>4.5</td> <td>11.6</td> <td>J55</td> <td>0</td> <td>7933</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/23/23</td> <td>Liner3</td> <td>CutBrine</td> <td>6.125</td> <td>4.5</td> <td>11.6</td> <td>J55</td> <td>0</td> <td>10268</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>N</td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	02/18/23	Surf	FreshWater	12.25	9.625	36	J55	0	376	175		III				N	03/01/23	Int1	FreshWater	8.75	7	23	J55	0	3566	432	1.71	III		1513	7	N	03/11/23	Liner1	CutBrine	6.125	4.5	11.6	J55	0	5423	0	0	0	0	0	0	N	03/16/23	Liner2	CutBrine	6.125	4.5	11.6	J55	0	7933	0	0	0	0	0	0	N	03/23/23	Liner3	CutBrine	6.125	4.5	11.6	J55	0	10268	0	0	0	0	0	0	N
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																																		
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Navajo Lake 32-6-11-1H
30-045-38288

Surface Hole Spud and Casing:

2/14/2023-2/15/2023: MIRU Mote Drilling.

2/16/2023: Spud Well/drill 12 ¼" Surface Hole to 40'

2/17/2023: Continue Drilling surface hole to 375'

2/18/2023: TD surface hole @ 382'. RU and run casing as follows: Guide shoe (1.80) 2 jts 9 5/8" 36# J55 LTC casing (38.65'), float collar (1.65'), 15 jts 9 5/8" 36# J55 LTC casing (313.20'), Casing set at 376.50', float collar at 331.25'. Cement off line as follows Pressure test line to 1500 psi, Pump 10 bbls FW, 10 bbls D-Mud breaker, 10 bbls FW, Pump 44 bbls (175 sks) Type I-II cmt w/ 2.0% Calcium Chloride, 0.25 lbs/sk cello Flake, 0.3 % D-CD 2 @ 14.6 PPG, 1.39 yield, 6.686 GPS, drop plug & disp w/ 25.61 bbls H2O, bump plug w/277 psi, check floats (hold), 10 bbls cement to surface, plug down @ 14:40 on 2/18/22. NMOCD (Thomas Vermersch) on location for cement job.

2/19/2023: RDMO Mote drilling

Intermediate Hole and Lateral Drilling:

2/26/2023: MIRU Aztec 980 Drilling Rig.

2/27/2023: Continue MIRU, Pressure Test BOP's As Follows: Blind Rams, Inner And Outer Manifold Manual Valves, HCR Manual Valves, Pipe Rams, TIW, IBOP, Check Valve. All Tests 250 For 5 Min, All Tests 2000 Psi For 10 Min. Test Annular 250 Low For 5 Min, 1500 Psi High For 10 Min. Test Casing For 30 Min 1500 Psi. Clarence Smith W/ The NMOCD Was On Location

2/28/2023: Drill Intermediate Section, TD @ 3580.

3/1/2023: RIH w/ 7" casing, set @ 3566'. Ran A Total Of 78 Joints Of 7" 26# 8 Rnd LTC Range 3 Casing W/ One Marker Top Set At 2,865' And Weatherford DV Tool Top At 2,863. Cement 1st stage as follows: test lines to 3000 psi, Pump 1st Stage with 10 bbl. FW, 10 bbl. mud clean, 10 bbl. FW, 30 bbl. Stop Loss LCM spacer, 35 bbl. (115 sacks) Tail cement @ 13.5# 1.71 yield, water 8.87 GPS; shut down, drop plug @ 23:00 hrs, pump 40 bbl. FW then displace with 99.8 bbl. 9.3# Gel Mud, FCP 300 psi, Bumped plug @ 23:30 hrs w/750 psi, held for 2 min, bled back 1 bbl. to truck, floats holding, Pressure up to 2700 psi shifting the DV tool open, continue pumping gel mud and displace cement returns to drive in bin, received 25 bbl. cement back to surface.

3/2/2023: Cement 2nd stage as follows: test lines to 3000 psi, Pump 2nd Stage with 10 bbl. FW, 10 bbl. mud clean, 10 bbl. FW, 104 bbl. (277 sacks) Lead cement @ 12.5# 2.12 yield, water 11.98 GPS; 12 bbl. (40 sacks) Tail cement @ 13.5# 1.71 yield, water 8.87 GPS; shut down, drop plug @ 05:00 hrs, pump FW displacement with 110 bbls. FCP 750 psi, Bumped plug @ 05:35 hrs w/2700 psi, held for 5 min, bled back .5 bbl. back to truck, floats holding, received 19 bbl. cement back to surface.

Clarence Smith With The NMOCD Was On Location To Witness The Running Of Casing And Cementing. Drill out DV tool, Test Casing For 30 Min At 1500 Psi. Good Test (attached).

3/3/2023-3/11/2023: Mill window for Lateral 1, TOW @ 3170, BOW @ 3179. Drill Lateral 1 to 4954'. TOOH, couldn't get back to bottom due to bad hole conditions, perform OH sidetrack @ 3954 (verbal permission to sidetrack received from Monica Kuehling with NMOCD). Drilled Lateral 1 ST 1 to TD @ 5456, ran 4.5" 11.6# J55 pre perfed liner. TOL @ 3187, BOL @ 5423.

3/11/2023-3/17/2023: Set RBP @ 3094, Mill window #2, TOW @3080, BOW # 3089. Drill Lateral 2, TD Lateral 2 @ 7975. Run 4.5" 11.6# J55 pre perfed liner, TOL @ 3097, BOL @7933.

3/17/2023-3/24/2023: Set RBP @ 3051, Mill window #3, TOW @ 3033, BOW @ 3042. Drill Lateral 3 to TD @ 10309. Run 4.5" 11.6# J55 pre perfed liner, Tol @ 3050, BOL @ 10268.
3/24/2023-3/27/2023: Rig down and release drilling rig.

Received by OCD: 4/14/2023 8:26:10 AM



Navajo Lake 32-6-11 1H

Casing Pressure Test

Final Casing Pressure @ 17:00 3/3/2023: 1513 PSI

