

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

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| APPLICATION FOR PERMIT TO DRILL | | 1. WELL NAME and NUMBER North Alger 27-31b |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | 3. FIELD OR WILDCAT NATURAL BUTTES |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME NORTH ALGER |
| 6. NAME OF OPERATOR KOCH EXPLORATION COMPANY LLC | | 7. OPERATOR PHONE 303 325-2562 |
| 8. ADDRESS OF OPERATOR 950 17th Street, Suite 1900, Denver, CO, 80202 | | 9. OPERATOR E-MAIL howard4d@kochind.com |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU49518 | 11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | 12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/> | 19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> |

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---------------------------------|-------------------|---------|---------|----------|--------|----------|
| LOCATION AT SURFACE | 2123 FSL 1211 FWL | NWSW | 27 | 10.0 S | 19.0 E | S |
| Top of Uppermost Producing Zone | 2310 FSL 990 FWL | NWSW | 27 | 10.0 S | 19.0 E | S |
| At Total Depth | 2310 FSL 990 FWL | NWSW | 27 | 10.0 S | 19.0 E | S |

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| 21. COUNTY UINTAH | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 1211 | 23. NUMBER OF ACRES IN DRILLING UNIT 640 |
| 24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 15 | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 15 | 26. PROPOSED DEPTH MD: 10312 TVD: 10300 |
| 27. ELEVATION - GROUND LEVEL 5223 | 28. BOND NUMBER COB000296 | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2231, 43-8496, 49-1645, 49-2375 |

Hole, Casing, and Cement Information

| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
|--------|-----------|-------------|-----------|--------|----------------|-------------|----------------------------|-------|-------|--------|
| Surf | 12.25 | 8.625 | 0 - 2500 | 32.0 | J-55 LT&C | 8.5 | Type V | 301 | 3.82 | 11.0 |
| | | | | | | | Class G | 250 | 1.15 | 15.8 |
| Prod | 7.875 | 4.5 | 0 - 10312 | 11.6 | L-80 LT&C | 13.0 | Premium Lite High Strength | 326 | 1.79 | 12.0 |
| | | | | | | | Premium Lite High Strength | 1943 | 1.27 | 13.5 |

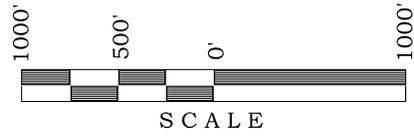
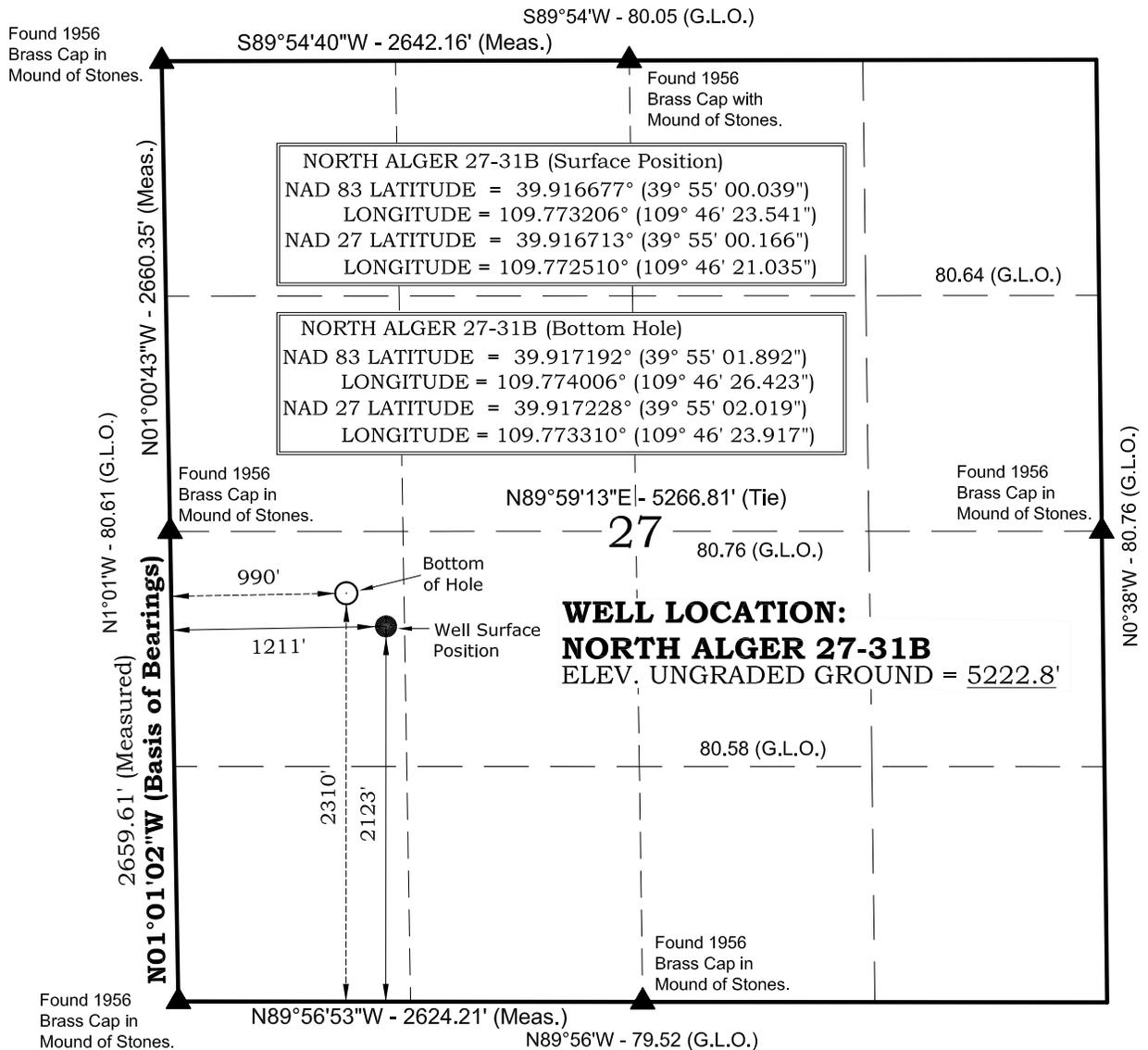
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

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| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP |

| | | |
|--|---|--|
| NAME Theron Hoedel | TITLE Operations Engineer | PHONE 303 325-2565 |
| SIGNATURE | DATE 02/10/2015 | EMAIL theron.hoedel@kochind.com |
| API NUMBER ASSIGNED 43047552500000 | APPROVAL  Permit Manager | |

T10S, R19E, S.L.B.&M.



NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. The Bottom of hole bears N50°07'28"W 292.63' from the Surface Position.
- 4. Basis of elevation is the South 1/4 Corner of Section 27, T10S, R19E, S.L.B.&M. (Being a 1956 Brass Cap). The elevation of this Section Corner was Calculated using an NGS OPUS Solution report to be 5279.5' (NAVD 88).

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John R. Laughlin
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

Koch Exploration Company, LLC
 950 17th Street, Suite 1900 - Denver, Colorado 80202



WELL PAD: 27-31

NORTH ALGER 27-31B
WELL PLAT
2310' FSL, 990' FWL (Bottom Hole)
NW 1/4 SW 1/4 OF SECTION 27, T10S, R19E,
S.L.B.&M., UINTAH COUNTY, UTAH.

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|---|--------------------|------------------------|
| TIMBERLINE | | (435) 789-1365 |
| ENGINEERING & LAND SURVEYING, INC. | | |
| 209 NORTH 300 WEST - VERNAL, UTAH 84078 | | |
| DATE SURVEYED: 3-3-14 | SURVEYED BY: T.A. | SHEET NO: 2F |
| DATE DRAWN: 3-10-14 | DRAWN BY: J.G.C. | OF 12 |
| SCALE: 1" = 1000' | Date Last Revised: | |