

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> NORTH ALGER #27-41B
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES
<b>4. TYPE OF WELL</b> Gas Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NORTH ALGER
<b>6. NAME OF OPERATOR</b> KOCH EXPLORATION COMPANY LLC		<b>7. OPERATOR PHONE</b> 303 325-2562
<b>8. ADDRESS OF OPERATOR</b> 9777 Pyramid Court Ste 210, Englewood, CO, 80112		<b>9. OPERATOR E-MAIL</b> howard4d@kochind.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU49518, UTU-49519	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>	<b>19. SLANT</b> 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	721 FSL 300 FWL	SWSW	27	10.0 S	19.0 E	S
Top of Uppermost Producing Zone	330 FSL 330 FEL	SESE	28	10.0 S	19.0 E	S
At Total Depth	330 FSL 330 FEL	SESE	28	10.0 S	19.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 300	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 2150	<b>26. PROPOSED DEPTH</b> MD: 10376    TVD: 10300	
<b>27. ELEVATION - GROUND LEVEL</b> 5255	<b>28. BOND NUMBER</b> COB000296	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2231, 43-8496, 49-1645

**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	0.2	Type V	231	3.82	11.0
							Class G	473	1.15	15.8
Prod	7.875	4.5	0 - 10376	11.6	L-80 LT&C	13.0	Premium Lite High Strength	624	1.79	12.0
							Premium Lite High Strength	1356	1.27	13.5

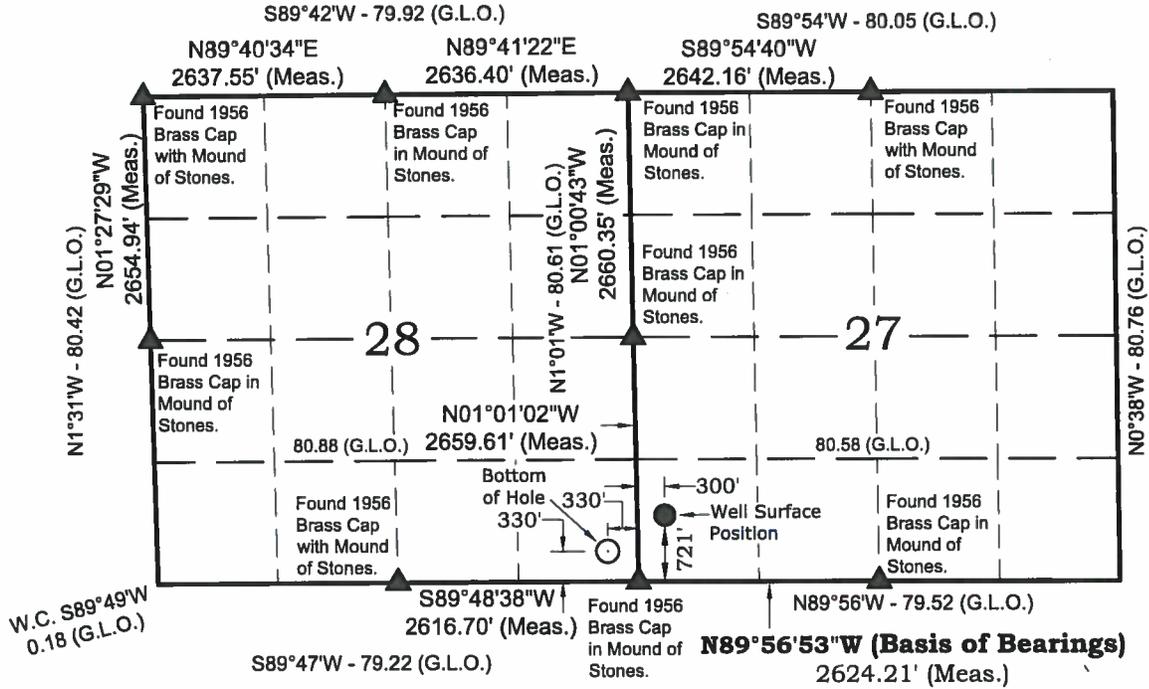
**ATTACHMENTS**

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

<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

<b>NAME</b> Janni Keidel	<b>TITLE</b> Operations/Regulatory Coordinator	<b>PHONE</b> 303 325-2578
<b>SIGNATURE</b>	<b>DATE</b> 10/25/2013	<b>EMAIL</b> janni.keidel@kochind.com
<b>API NUMBER ASSIGNED</b> 43047540770000	<b>APPROVAL</b>   Permit Manager	

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



**WELL LOCATION:**  
**NORTH ALGER 27-41B**  
 ELEV. UNGRADED GROUND = 5258.8'

<p><b>NORTH ALGER 27-41B (Surface Position)</b>                  NAD 83 LATITUDE = 39.912834° (39° 54' 46.203")                  LONGITUDE = 109.776364° (109° 46' 34.911")                  NAD 27 LATITUDE = 39.912869° (39° 54' 46.330")                  LONGITUDE = 109.775668° (109° 46' 32.405")</p>
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<p><b>NORTH ALGER 27-41B (Bottom Hole)</b>                  NAD 83 LATITUDE = 39.911757° (39° 54' 42.326")                  LONGITUDE = 109.778586° (109° 46' 42.908")                  NAD 27 LATITUDE = 39.911793° (39° 54' 42.453")                  LONGITUDE = 109.777889° (109° 46' 40.401")</p>
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**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 S57°48'45"W 736.49' 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. LAUGH  
 PROFESSIONAL LAND SURVEYOR  
 REGISTRATION No. 602869  
 STATE OF UTAH

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

**WELL PAD: 27-41**

**NORTH ALGER 27-41B**  
**WELL PLAT**  
**330' FSL, 330' FEL (Bottom Hole)**  
**SE ¼ SE ¼ OF SECTION 28, T10S, R19E, S.L.B.&M., UTAH COUNTY, UTAH.**



**TIMBERLINE** (435) 789-1365  
 ENGINEERING & LAND SURVEYING, INC.  
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 1-31-13	SURVEYED BY: A.F.	SHEET NO: <b>2D</b>
DATE DRAWN: 2-11-13	DRAWN BY: C.T.C.	
SCALE: 1" = 2000'		Date Last Revised: 8-15-13 T.J.R. OF 12