

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO. Fee	6. SURFACE Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: JMD Energy			9. WELL NAME and NUMBER: JMD 12-4-4-3	
3. ADDRESS OF OPERATOR: PO BOX 790203 City: Vernal STATE: UT ZIP: 84079			10. FIELD AND POOL, OR WLD CAT: Antelope Creek	
4. LOCATION OF WELL (FOOTAGES): AT SURFACE: 1832' FSL & 783' FWL AT PROPOSED PRODUCING ZONE: same as above			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 4 4S 3W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 11.1 miles east of Duchesne			12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 537'	16. NUMBER OF ACRES IN LEASE: 115	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): NA	19. PROPOSED DEPTH: 7,500	20. BOND DESCRIPTION: 9550744420		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5291.1 Ungraded	22. APPROXIMATE DATE WORK WILL START: 4/15/2010	23. ESTIMATED DURATION: 30 Days		

CONFIDENTIAL

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4	5/8 J-55 36#	1,000	Premium Lite II	250 sx	3.38 cf 11.0 ppg
			Class G	400 sx	1.2cf 15.6 ppg
			Calcium Chloride	200 sx	1.10 cf 15.6 ppg
7 7/8	5 1/2 N80 17#	7,500	Premium Lite II	539 sx	3.3 cf 11.0 ppg
			Class G	400 sx	1.56 cf 14.3 ppg

25. **ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAN OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Ginger Bowden TITLE Agent

SIGNATURE Ginger Bowden DATE 2/15/2010

(This space for State use only)

Approved by the
**Utah Division of
Oil, Gas and Mining**

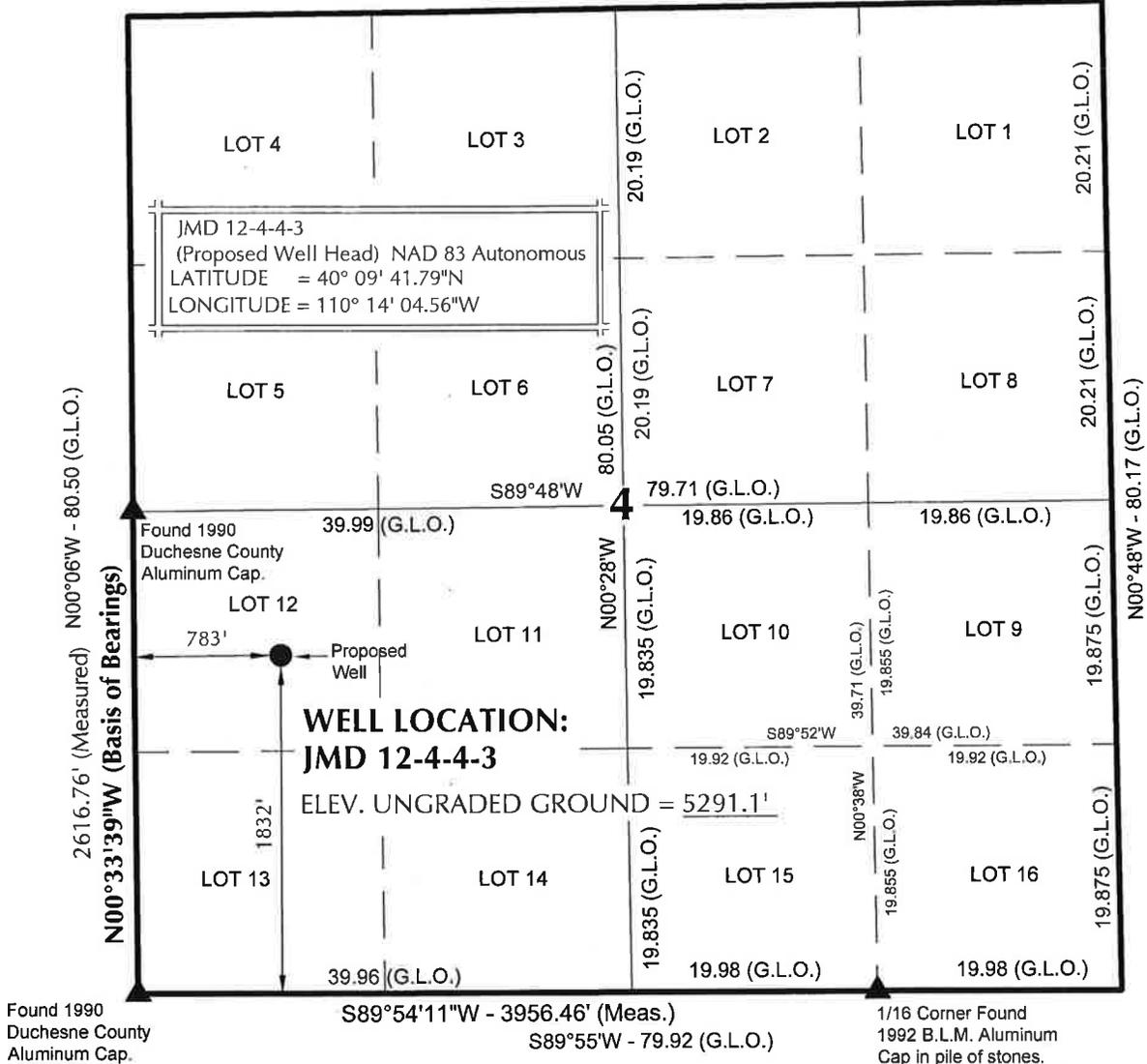
APPROVAL: _____
Date: 05-03-10
By: [Signature]

API NUMBER ASSIGNED: 43-013-34300

RECEIVED
APR 22 2010
DIV. OF OIL, GAS & MINING

T4S, R3W, U.S.B.&M.

N89°40'E - 80.10 (G.L.O.)



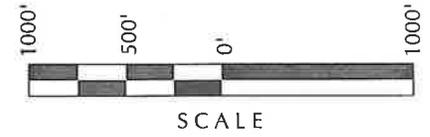
2616.76' (Measured) N00°06'W - 80.50 (G.L.O.)
N00°33'39\"/>

N00°48'W - 80.17 (G.L.O.)

WELL LOCATION:
JMD 12-4-4-3
ELEV. UNGRADED GROUND = 5291.1'

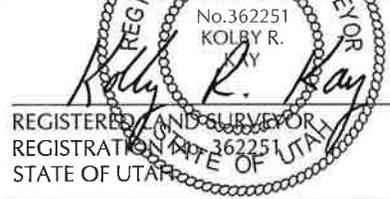
NOTES:

- ▲ = 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. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is bench mark M14 1934 located in the NW ¼ SW ¼ of Section 4, T4S, R3W, U.S.B.&M. The elevation of this bench marked is shown on the Bridgeland 7.5 min. Quadrangle as being 5297'.



SURVEYOR'S CERTIFICATE

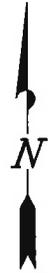
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYING MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



JMD ENERGY

WELL PAD - JMD 12-4-4-3

**JMD 12-4-4-3
WELL PLAT
1832' FSL, 783' FWL
LOT 12 OF SECTION 4, T4S, R3W,
U.S.B.&M., DUCHESNE COUNTY, UTAH.**



TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-30-09	SURVEYED BY: B.J.S.	SHEET NO: 2
DATE DRAWN: 10-01-09	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		OF 8