

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER LC Nielsen Tribal 2-33D-56
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 UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR LINN OPERATING, INC.		7. OPERATOR PHONE 435 722-1325
8. ADDRESS OF OPERATOR Rt. 2 Box 7735, Roosevelt, UT, 84066		9. OPERATOR E-MAIL kwilson@linnenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G0005500	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Douglas Nielsen		14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-738-5715
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 114, ,		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe	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	861 FNL 1693 FWL	NENW	33	5.0 S	6.0 W	U
Top of Uppermost Producing Zone	900 FNL 2545 FEL	NWNE	33	5.0 S	6.0 W	U
At Total Depth	920 FNL 2200 FEL	NWNE	33	5.0 S	6.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 861	23. NUMBER OF ACRES IN DRILLING UNIT 640
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 20	26. PROPOSED DEPTH MD: 5926 TVD: 5648	
27. ELEVATION - GROUND LEVEL 6723	28. BOND NUMBER RLB005647	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-12400

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 - 500	24.0	J-55 ST&C	9.5	Class G	350	1.15	15.8
Prod	7.875	5.5	0 - 5926	17.0	N-80 LT&C	9.5	Type V	210	3.82	11.0
							Class G	330	1.7	13.1

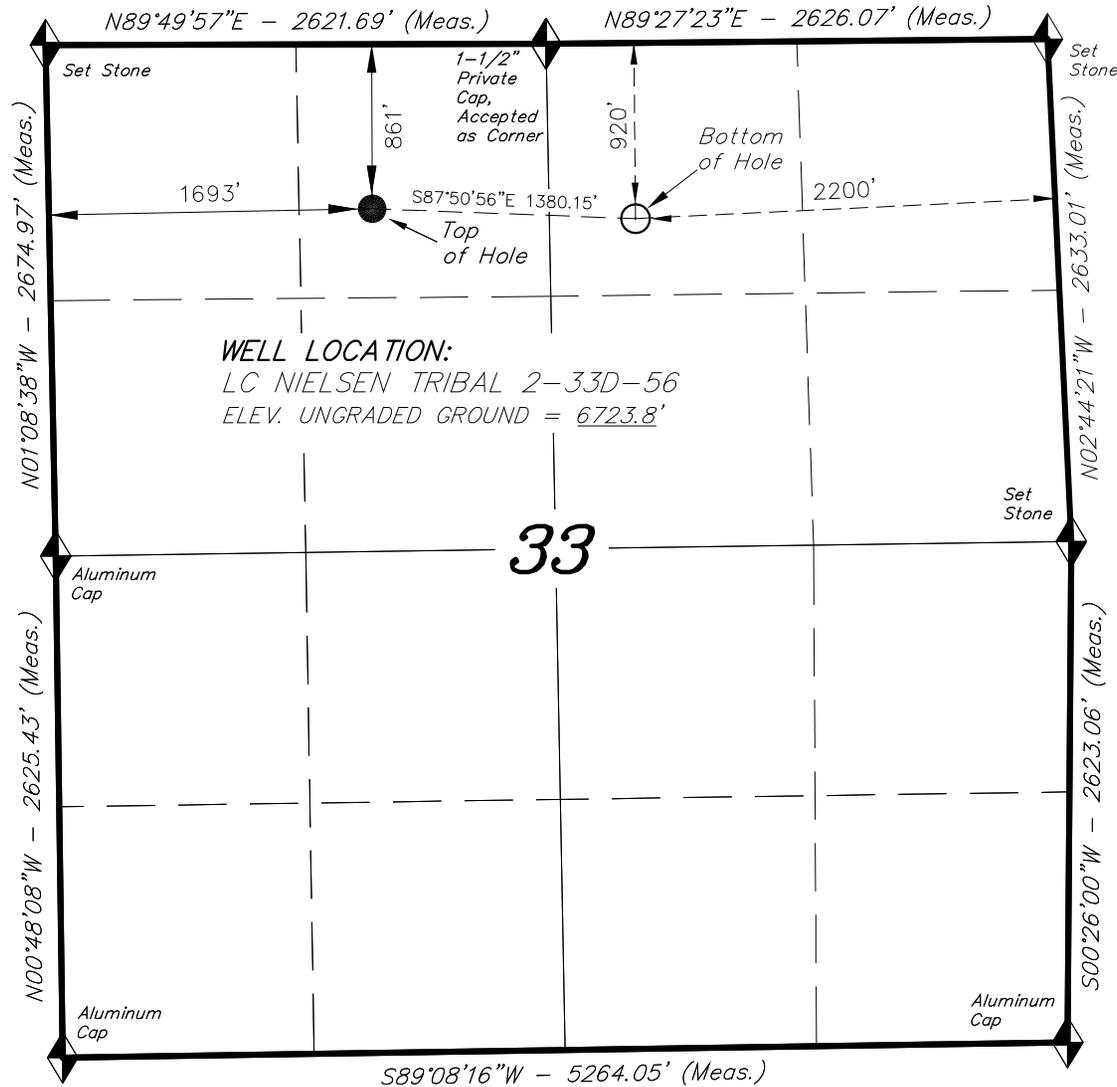
ATTACHMENTS

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 checked="" 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	TITLE	PHONE
SIGNATURE	DATE 04/03/2014	EMAIL
API NUMBER ASSIGNED 43013528970000	APPROVAL  Permit Manager	

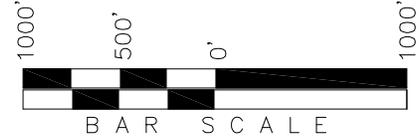
T5S, R6W, U.S.B.&M.



WELL LOCATION:
 LC NIELSEN TRIBAL 2-33D-56
 ELEV. UNGRADED GROUND = 6723.8'

BERRY PETROLEUM COMPANY

WELL LOCATION, LC NIELSEN TRIBAL 2-33D-56,
 LOCATED AS SHOWN IN THE NE 1/4 NW 1/4
 OF SECTION 33, T5S, R6W, U.S.B.&M.
 DUCHESNE COUNTY, UTAH.



◆ = SECTION CORNERS LOCATED

NAD 83 (SURFACE LOCATION)		NAD 83 (BOTTOM HOLE LOCATION)	
LAT: = 40°00'28.97"	(40.008047)	LAT: = 40°00'28.32"	(40.007866)
LONG: = 110°34'05.58"	(110.568217)	LONG: = 110°33'47.87"	(110.563297)
NAD 27 (SURFACE LOCATION)		NAD 27 (BOTTOM HOLE LOCATION)	
LAT: = 40°00'29.11"	(40.008087)	LAT: = 40°00'28.46"	(40.007905)
LONG: = 110°34'03.02"	(110.567507)	LONG: = 110°33'45.31"	(110.562587)

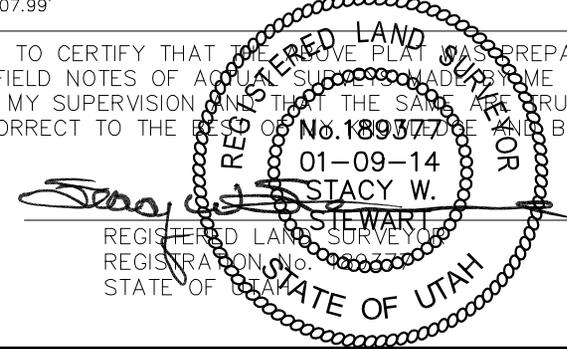
NOTES:
 1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.

BASIS OF BEARINGS & BASIS OF ELEVATION

BASIS OF BEARINGS; BEARINGS ARE BASED ON GLOBAL POSITIONING SATELLITE OBSERVATIONS.

BASIS OF ELEV; ELEVATIONS ARE BASED ON AN N.G.S. OPUS CORRECTION.
 LOCATION: LAT. 39°58'55.06", LONG. 110°22'05.00" (TRISTATE ALUMINUM CAP)
 ELEV. 7307.99'

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



Tri State Land Surveying, Inc. (435) 781-2501
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

DATE SURVEYED: 06-09-12	SURVEYED BY: Q.M.
DATE DRAWN: 11-11-13	DRAWN BY: L.C.S.
REVISED: 01-09-14 D.COX	SCALE: 1" = 1000'