

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 Wilcken 4-23-4-2W
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 MONUMENT BUTTE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		7. OPERATOR PHONE 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052		9. OPERATOR E-MAIL mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" 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') Michael D.and Elizabeth Vanderhoof
14. SURFACE OWNER PHONE (if box 12 = 'fee')		15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 715, Oakely, UT 84055
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 type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	423 FNL 543 FWL	NWNW	23	4.0 S	2.0 W	U
Top of Uppermost Producing Zone	423 FNL 543 FWL	NWNW	23	4.0 S	2.0 W	U
At Total Depth	423 FNL 543 FWL	NWNW	23	4.0 S	2.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 423	23. NUMBER OF ACRES IN DRILLING UNIT 40
24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320	26. PROPOSED DEPTH MD: 7165 TVD: 7165
27. ELEVATION - GROUND LEVEL 5287	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

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	8.3	Class G	229	1.17	15.8
Prod	7.875	5.5	0 - 7165	15.5	J-55 LT&C	8.3	Premium Lite High Strength	357	3.26	11.0
							50/50 Poz	363	1.24	14.3

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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 02/23/2011	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013506080000	APPROVAL  Permit Manager	

T4S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

Plastic Cap
marked
Peatross 15566
on 5/8" Rebar

N89°58'W - 80.14 (G.L.O.)

S88°56'10"W - 2639.19' (Meas.)

S88°50'59"W - 2659.49' (Meas.)

S00°59'45"E - 2650.12' (Meas.)

S0°02'E - (G.L.O.)

S01°01'33"E - 2636.19' (Meas.)

1998
Alum. Cap

23

WELL LOCATION:

4-23-4-2W

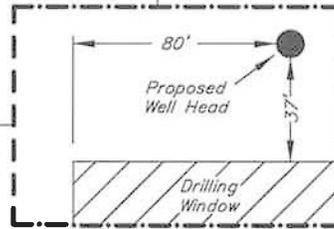
ELEV. UNGRADED GROUND = 5286.6'

Plastic Cap
marked 148951
on 5/8" Rebar

Plastic Cap
marked
Peatross 15566
on 5/8" Rebar



DRILLING WINDOW



Detail
No Scale

2005
Aluminum Cap

S00°44'43"E - 2642.39' (Meas.)

S0°01'E (G.L.O.)

S00°45'10"E - 2642.40' (Meas.)

1998
Alum. Cap

1998
Alum. Cap

1998
Aluminum Cap

S88°52'33"W - 2637.09' (Meas.)

S88°52'28"W - 2637.45' (Meas.)

WEST (G.L.O.)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

4-23-4-2W
(Surface Location) NAD 83
LATITUDE = 40° 07' 35.71"
LONGITUDE = 110° 05' 02.51"

WELL LOCATION, 4-23-4-2W, LOCATED
AS SHOWN IN THE NW 1/4 NW 1/4 OF
SECTION 23, T4S, R2W, U.S.B.&M.
DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-14-10	SURVEYED BY: C.D.S.
DATE DRAWN: 10-21-10	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'