

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 Croquet Fed 23-26
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 HORSESHOE BEND
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR ROSEWOOD RESOURCES INC		7. OPERATOR PHONE 435 789-0414
8. ADDRESS OF OPERATOR PO Box 1668, Vernal , UT, 84078		9. OPERATOR E-MAIL jhenrie@rosewd.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-88050	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 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	1924 FSL 1798 FWL	NESW	26	6.0 S	21.0 E	S
Top of Uppermost Producing Zone	1924 FSL 1798 FWL	NESW	26	6.0 S	21.0 E	S
At Total Depth	1924 FSL 1798 FWL	NESW	26	6.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1798	23. NUMBER OF ACRES IN DRILLING UNIT 680
27. ELEVATION - GROUND LEVEL 4910	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1000	26. PROPOSED DEPTH MD: 8400 TVD: 8400
	28. BOND NUMBER MT-0627	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2343

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 - 1000	24.0	J-55 Casing/Tubing	16.0	Class G	575	1.18	15.6
Prod	7.875	5.5	0 - 8400	17.0	M-80 LT&C	11.0	Type V	275	3.8	11.0
							50/50 Poz	710	1.46	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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Jill Henrie	TITLE Administravtive Assistant	PHONE 435 789-0414
SIGNATURE	DATE 02/27/2014	EMAIL jhenrie@rosewd.com
API NUMBER ASSIGNED 43047543290000	 Permit Manager	

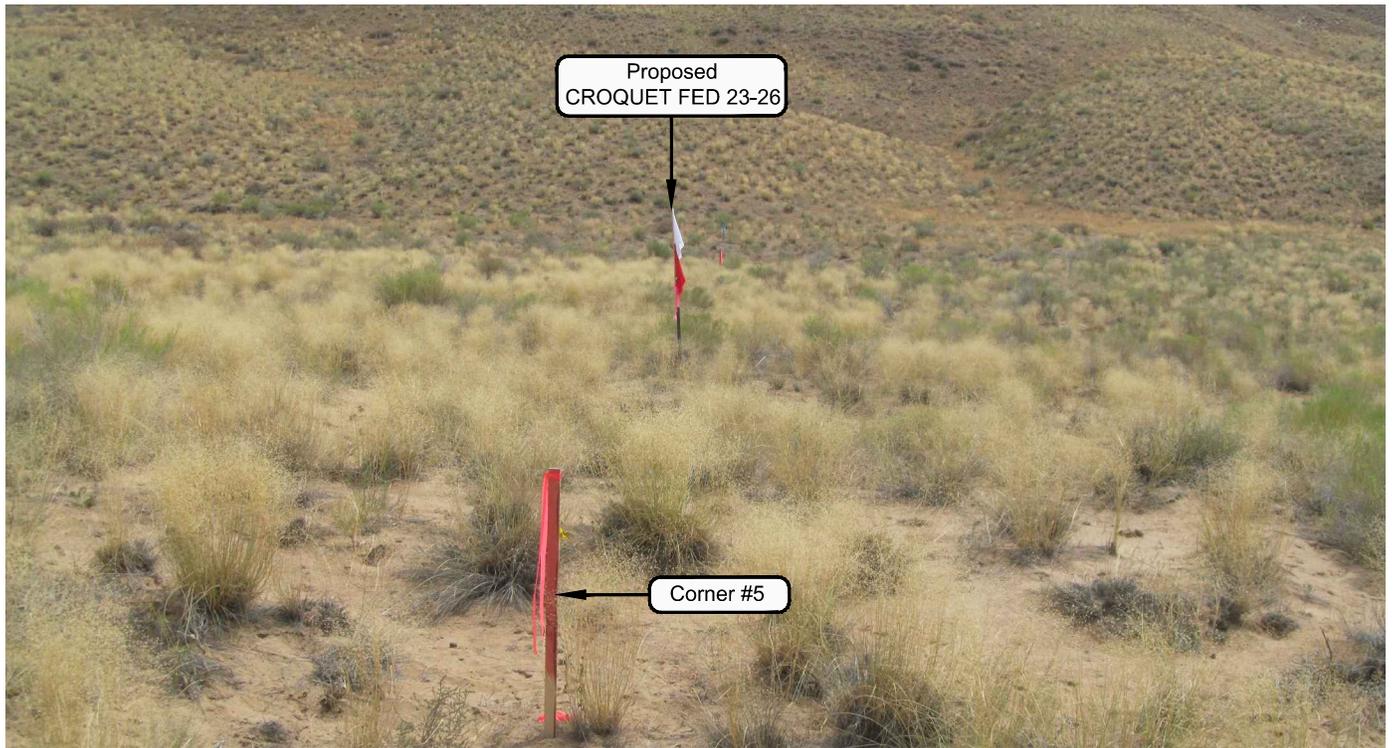


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: EASTERLY

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-26

**LOCATION PHOTOS
CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.**

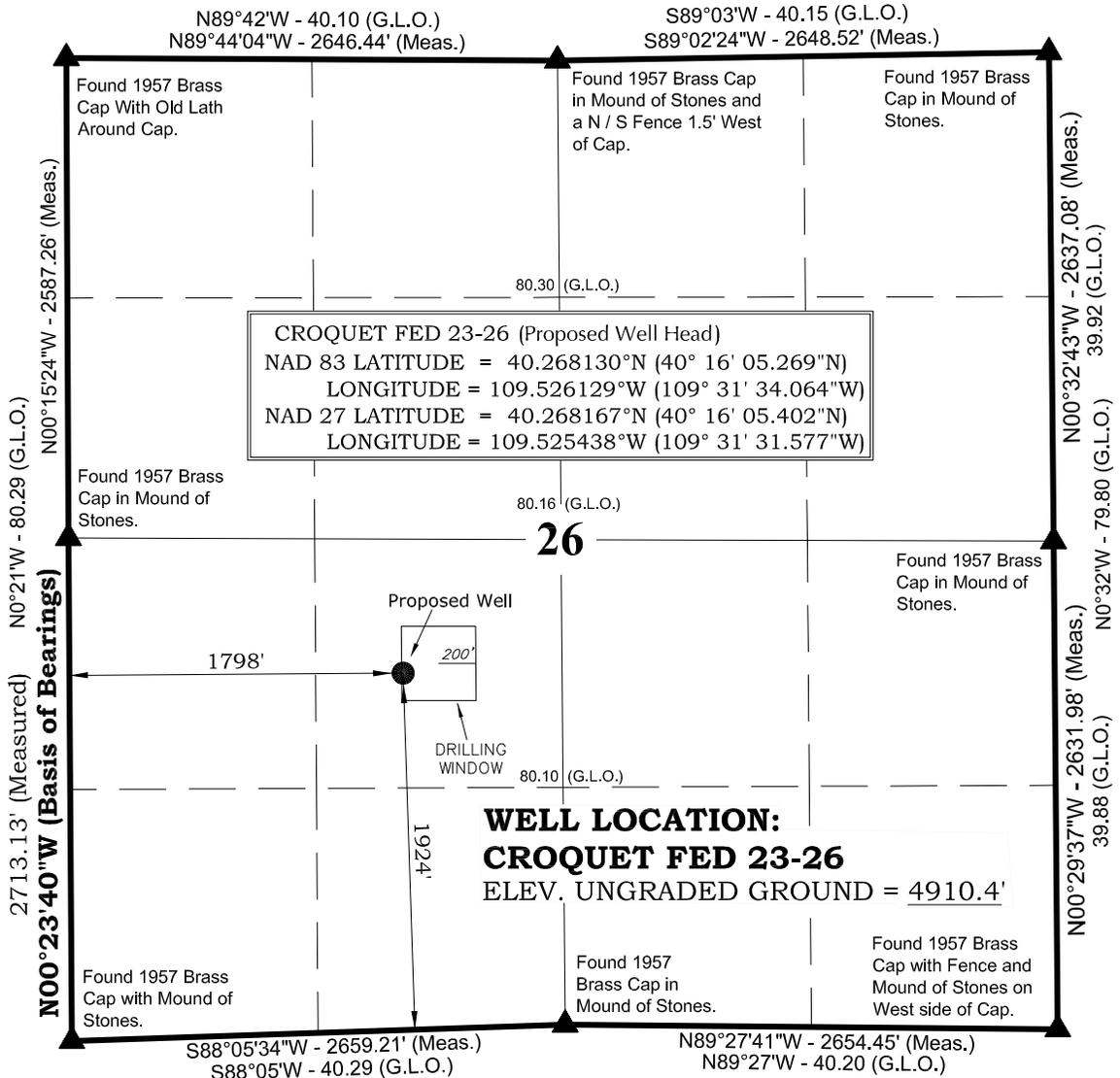
TIMBERLINE

(435) 789-1365

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

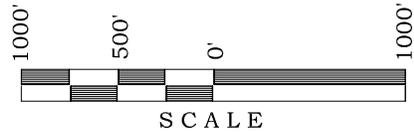
DATE PHOTOS TAKEN: 8-8-13	PHOTOS TAKEN BY: A.F.	SHEET NO: 1 OF 11
DATE DRAWN: 8-13-13	DRAWN BY: T.J.R.	
Date Last Revised:		

T6S, R21E, S.L.B.&M.



NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. Government Land Office (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 TRIANGULATION STATION HORSESHOE WHICH IS LOCATED IN THE NW 1/4 OF SECTION 34, T6S, R21E, S.L.B.&M. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE VERNAL SE 7.5 MIN. QUADRANGLE AS BEING 5222'.



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.

8-29-2013
 JOHN R. STAUGH
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 602869
 STATE OF UTAH

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-26

CROQUET FED 23-26
WELL PLAT
1924' FSL & 1798' FWL
NE 1/4 SW 1/4 OF SECTION 26, T6S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.

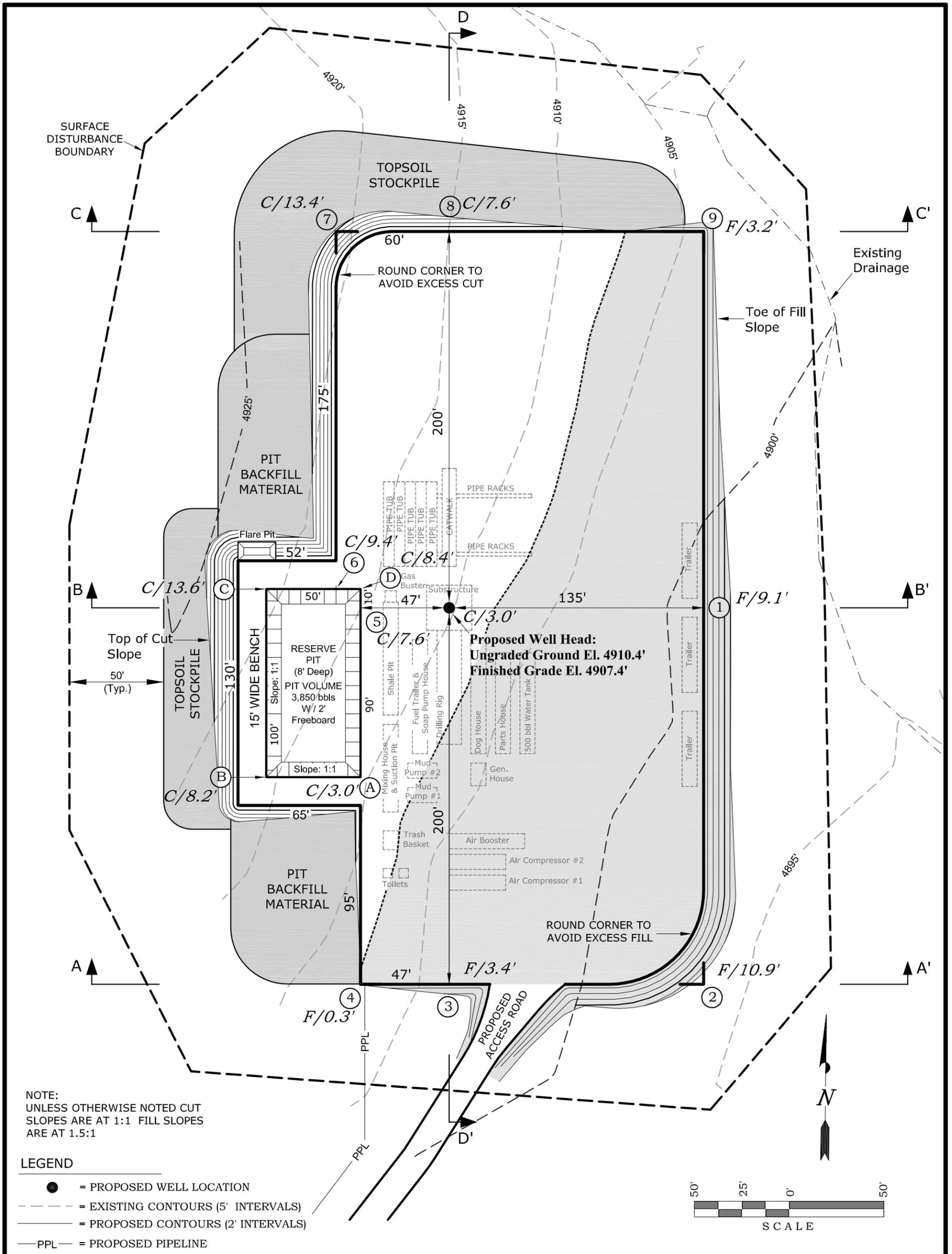


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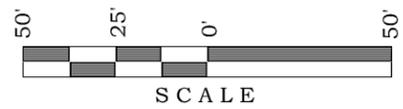
DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 2
DATE DRAWN: 8-13-13	DRAWN BY: T.J.R.	
SCALE: 1" = 1000'	Date Last Revised:	OF 11



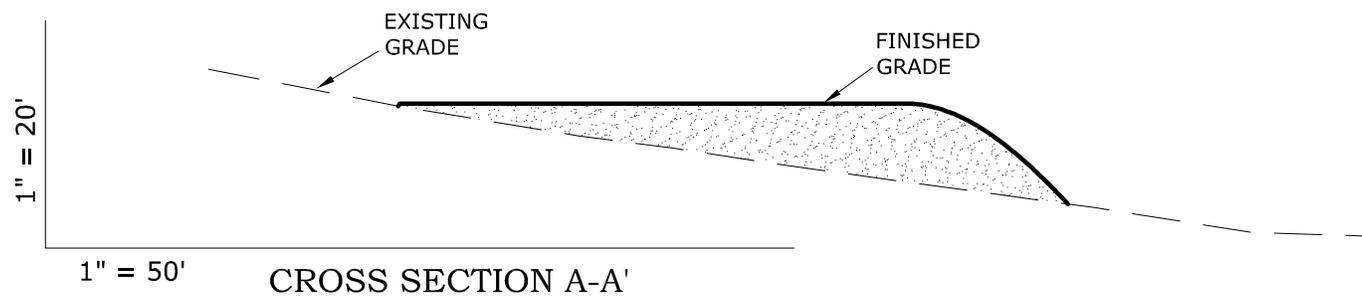
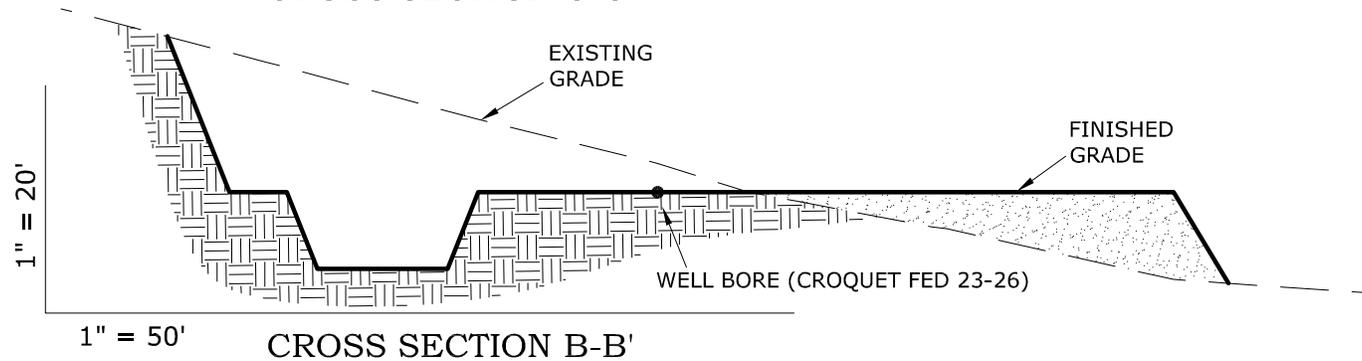
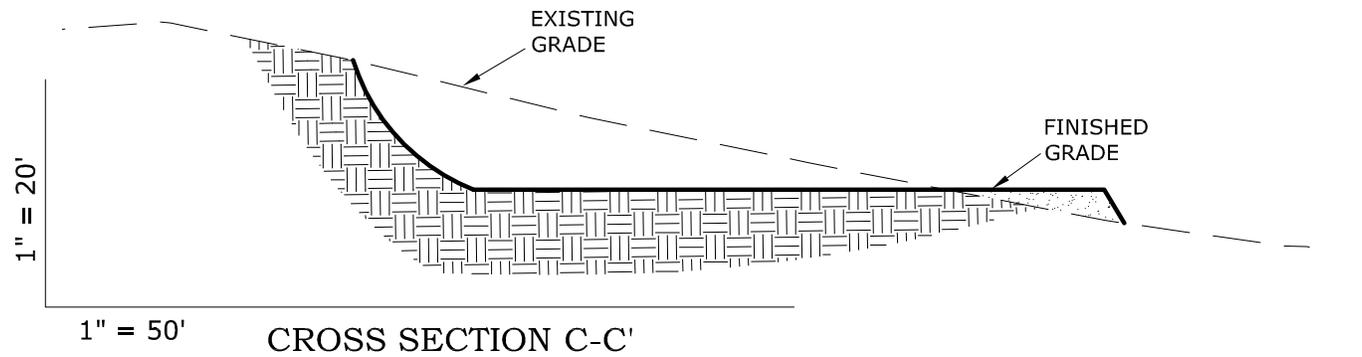
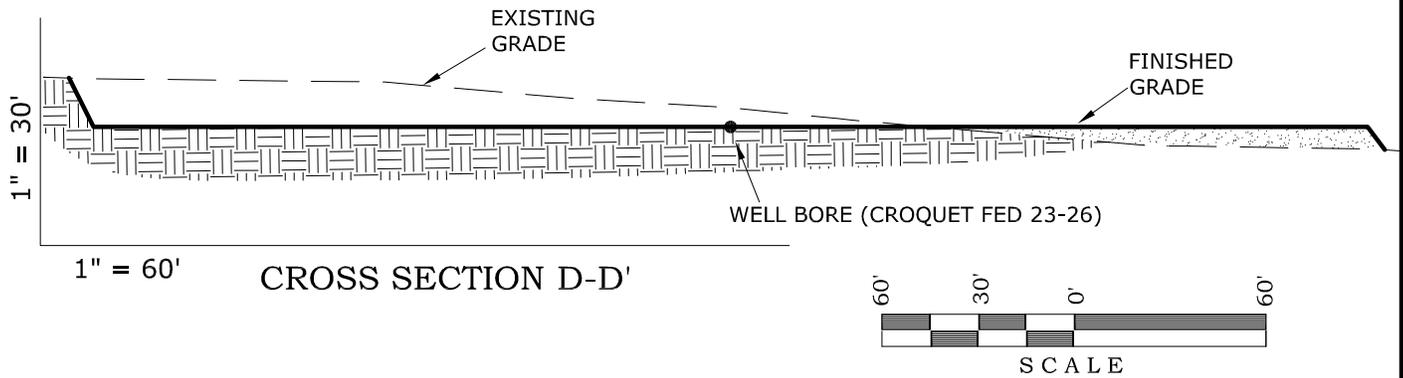
NOTE:
UNLESS OTHERWISE NOTED CUT
SLOPES ARE AT 1:1 FILL SLOPES
ARE AT 1.5:1

LEGEND

- = PROPOSED WELL LOCATION
- - - - = EXISTING CONTOURS (5' INTERVALS)
- = PROPOSED CONTOURS (2' INTERVALS)
- PPL — = PROPOSED PIPELINE



<p>ROSEWOOD RESOURCES</p>	<p>PAD FOOTPRINT AREA = ±1.90 ACRES</p> <p>PAD DISTURBANCE AREA (Cut/Fill Slopes, Stockpiles) = ±2.86 ACRES</p> <p>AREA WITHIN SURFACE DISTURBANCE BOUNDARY = ±4.68 ACRES</p>	<p>REFERENCE POINTS:</p> <p>300' NORTHERLY, EL = 4915.4'</p> <p>250' NORTHERLY, EL = 4915.7'</p> <p>185' EASTERLY, EL = 4896.9'</p> <p>235' EASTERLY, EL = 4900.7'</p>								
	<p>WELL PAD: CROQUET FED 23-26</p> <p>WELL PAD - LOCATION LAYOUT</p> <p>WELL - CROQUET FED 23-26</p> <p>1924' FSL & 1798' FWL</p> <p>LOCATED IN SECTION 26, T6S, R21E,</p> <p>S.L.B.&M., UINTAH COUNTY, UTAH.</p>	<p>ESTIMATED EARTHWORK QUANTITIES</p> <p>(No shrink or swell adjustments have been used)</p> <p>(Expressed in Cubic Yards)</p> <p>6" Topsoil Stripping = 1,780</p> <p>Remaining Location = 10,390</p> <p>TOTAL CUT = 12,170</p> <p>FILL = 9,250</p> <p>Excess Material = 0</p>	<p>TIMBERLINE (435) 789-1365</p> <p>ENGINEERING & LAND SURVEYING, INC.</p> <p>209 NORTH 300 WEST - VERNAL, UTAH 84078</p>							
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">DATE SURVEYED: 8-8-13</td> <td style="width: 33%;">SURVEYED BY: A.F.</td> <td style="width: 33%;">SHEET NO: 3</td> </tr> <tr> <td>DATE DRAWN: 8-9-13</td> <td>DRAWN BY: M.W.W.</td> <td rowspan="2">OF 11</td> </tr> <tr> <td colspan="2">SCALE: 1" = 50'</td> </tr> </table>	DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 3	DATE DRAWN: 8-9-13	DRAWN BY: M.W.W.	OF 11	SCALE: 1" = 50'	
DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 3								
DATE DRAWN: 8-9-13	DRAWN BY: M.W.W.	OF 11								
SCALE: 1" = 50'										



ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-26

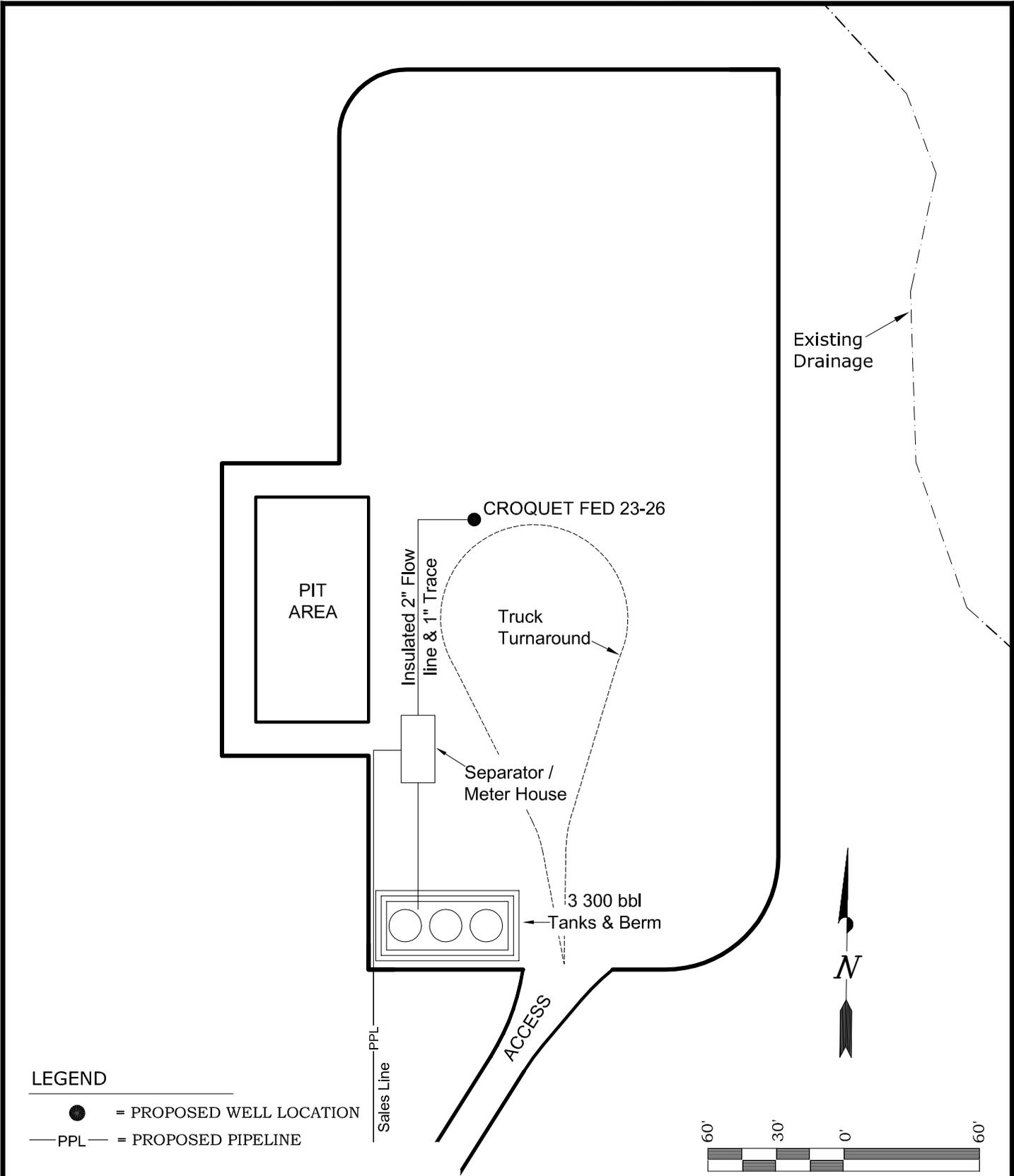
**WELL PAD - CROSS SECTION
WELL - CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.**

TIMBERLINE

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DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 4
DATE DRAWN: 8-9-13	DRAWN BY: M.W.W.	
Date Last Revised:		OF 11



LEGEND

- = PROPOSED WELL LOCATION
- PPL — = PROPOSED PIPELINE

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-26

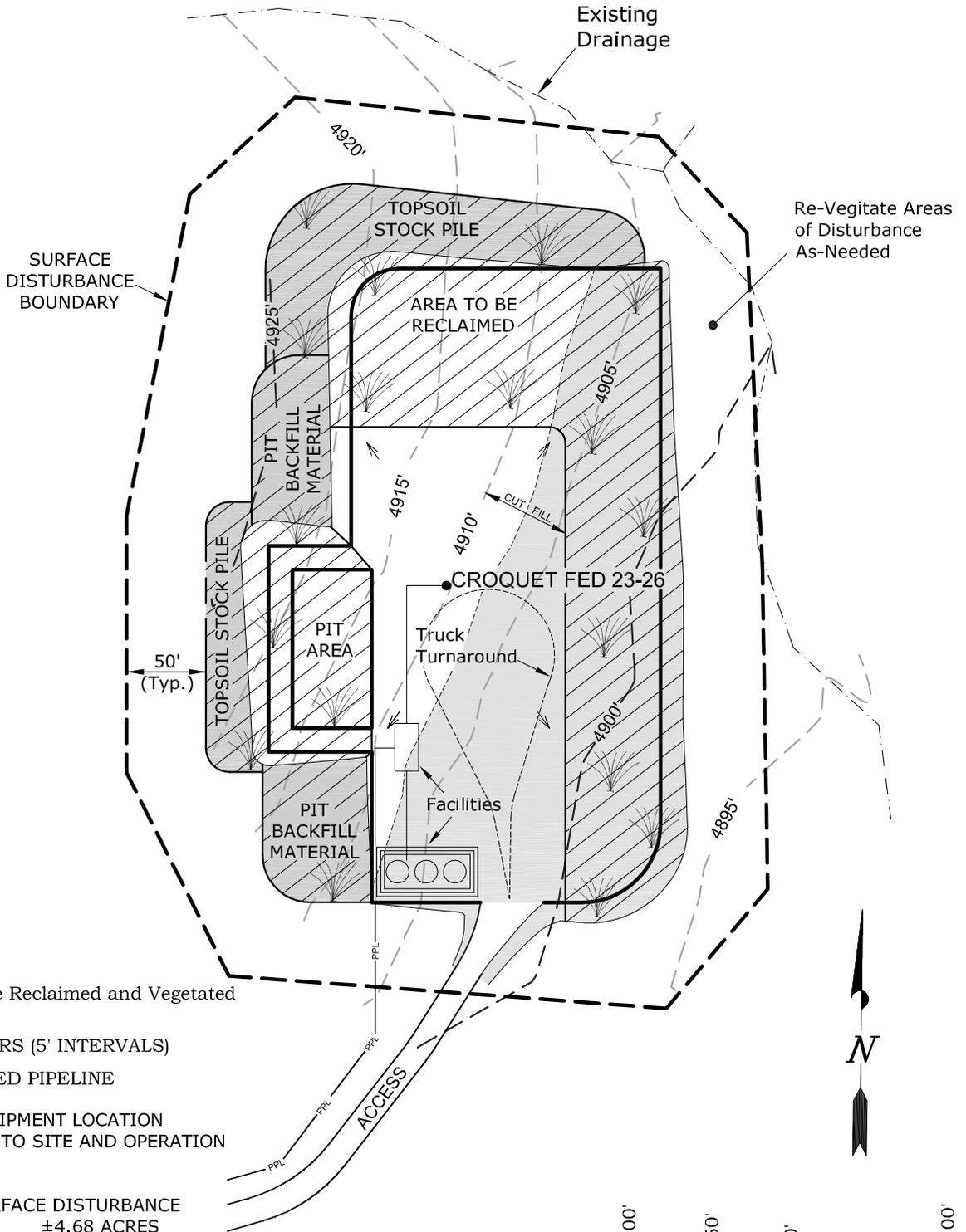
**WELL PAD - FACILITY DIAGRAM
 WELL - CROQUET FED 23-26
 1924' FSL & 1798' FWL
 LOCATED IN SECTION 26, T6S, R21E,
 S.L.B.&M., UINTAH COUNTY, UTAH.**

TIMBERLINE

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 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 5 OF 11
DATE DRAWN: 8-9-13	DRAWN BY: M.W.W.	
SCALE: 1" = 60'	Date Last Revised:	



↘ = Anchor



= Area to be Reclaimed and Vegetated

--- = CONTOURS (5' INTERVALS)

—PPL— = PROPOSED PIPELINE

NOTE:

1. PRODUCTION EQUIPMENT LOCATION
COULD VARY DUE TO SITE AND OPERATION
EFFECTIVENESS.

2. AREA WITHIN SURFACE DISTURBANCE
BOUNDARY: ±4.68 ACRES
RECLAIMED AREA: ±3.73 ACRES
UN-RECLAIMED AREA: ±0.95 ACRES

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-26

WELL PAD

INTERIM RECLAMATION DIAGRAM

WELL - CROQUET FED 23-26

1924' FSL & 1798' FWL

LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

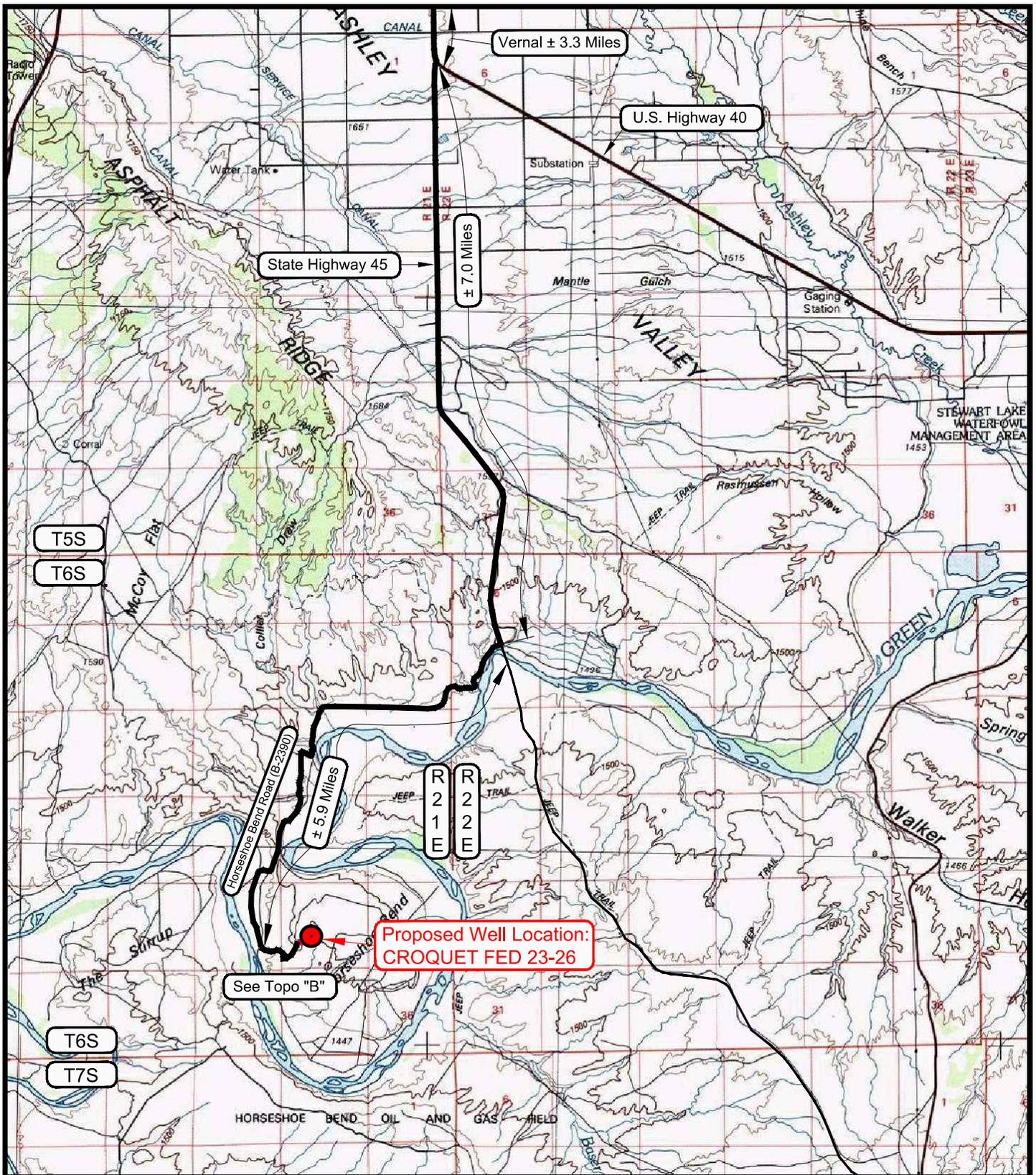
TIMBERLINE

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209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 8-8-13	SURVEYED BY: A.F.	SHEET NO: 6
DATE DRAWN: 8-9-13	DRAWN BY: M.W.W.	
SCALE: 1" = 100'	Date Last Revised:	OF 11



LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER



ROSEWOOD RESOURCES

WELL PAD - CROQUET FED 23-26
WELL- CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

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 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET
7
 OF 11

TOPOGRAPHIC MAP "A"

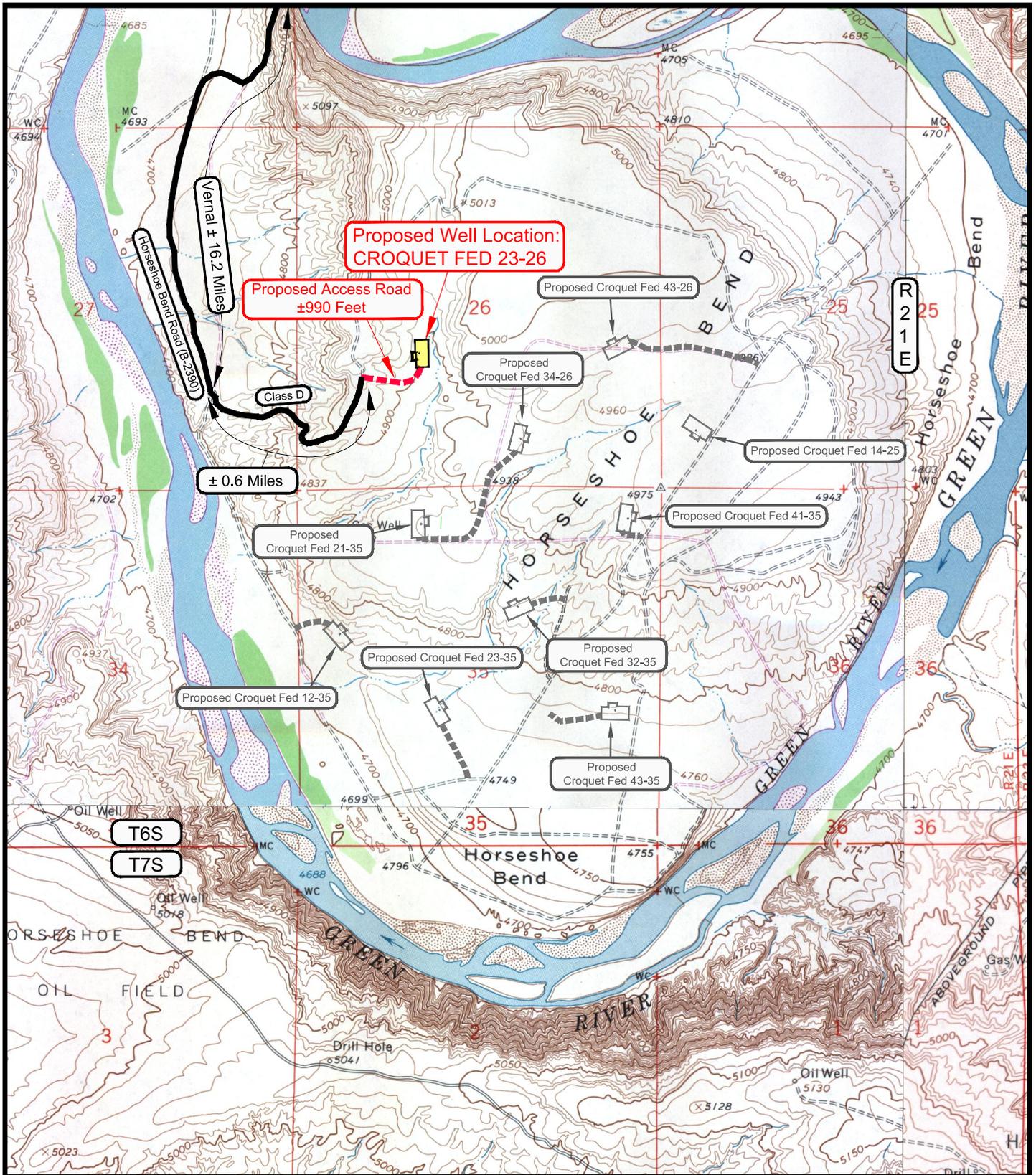
DATE SURVEYED: 8-8-13

DATE DRAWN: 8-13-13

REVISED:

SCALE: 1:100,000

DRAWN BY: C.T.C



LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- B-5460 = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

ROSEWOOD RESOURCES

WELL PAD - CROQUET FED 23-26
WELLS- CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 8-8-13

DATE DRAWN: 8-13-13

REVISED:

SCALE: 1" = 2000'

DRAWN BY: C.T.C

TIMBERLINE

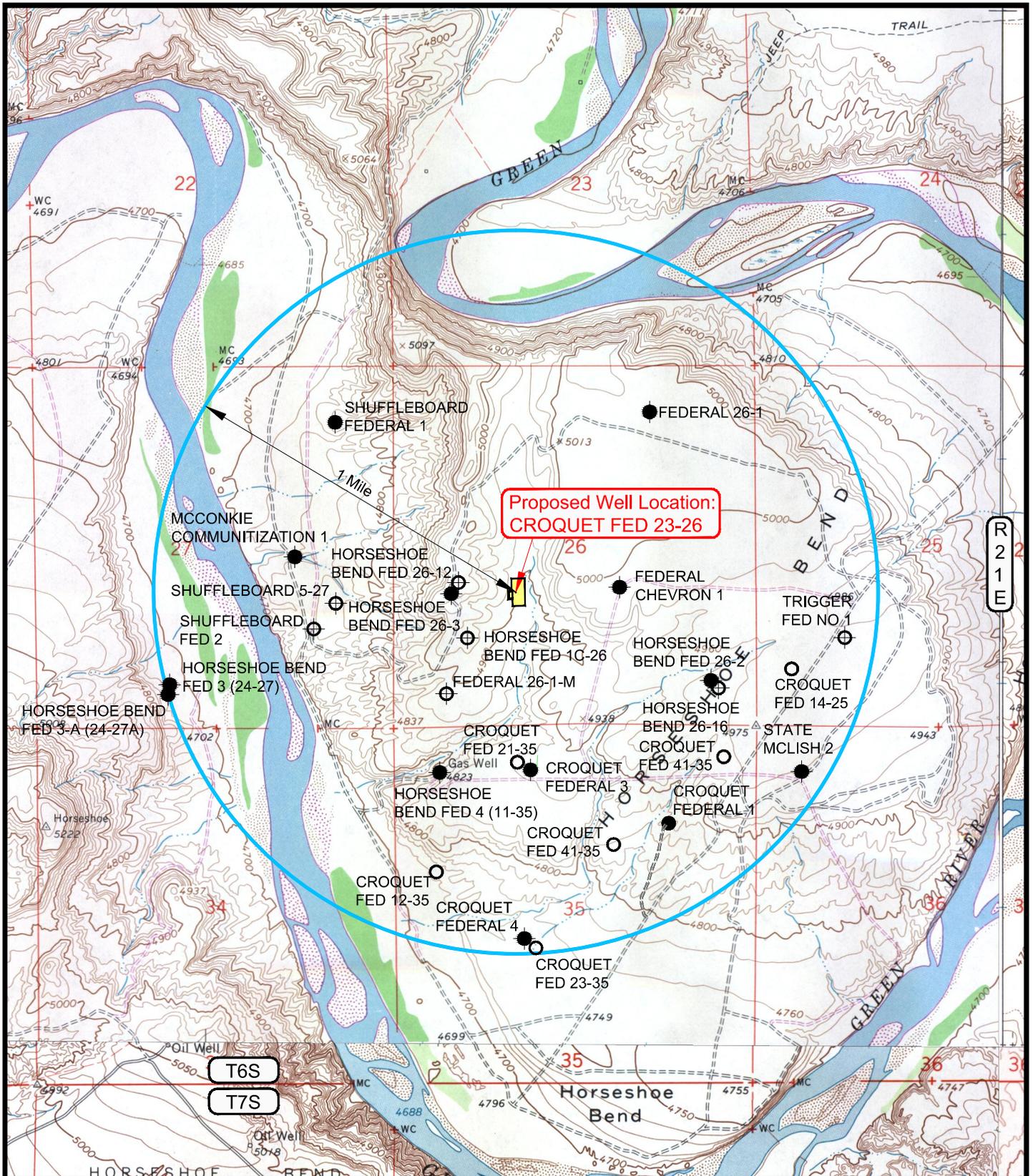
(435) 789-1365

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

SHEET

8

OF 11



**Proposed Well Location:
CROQUET FED 23-26**

LEGEND

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊗ = ABANDONED LOCATION



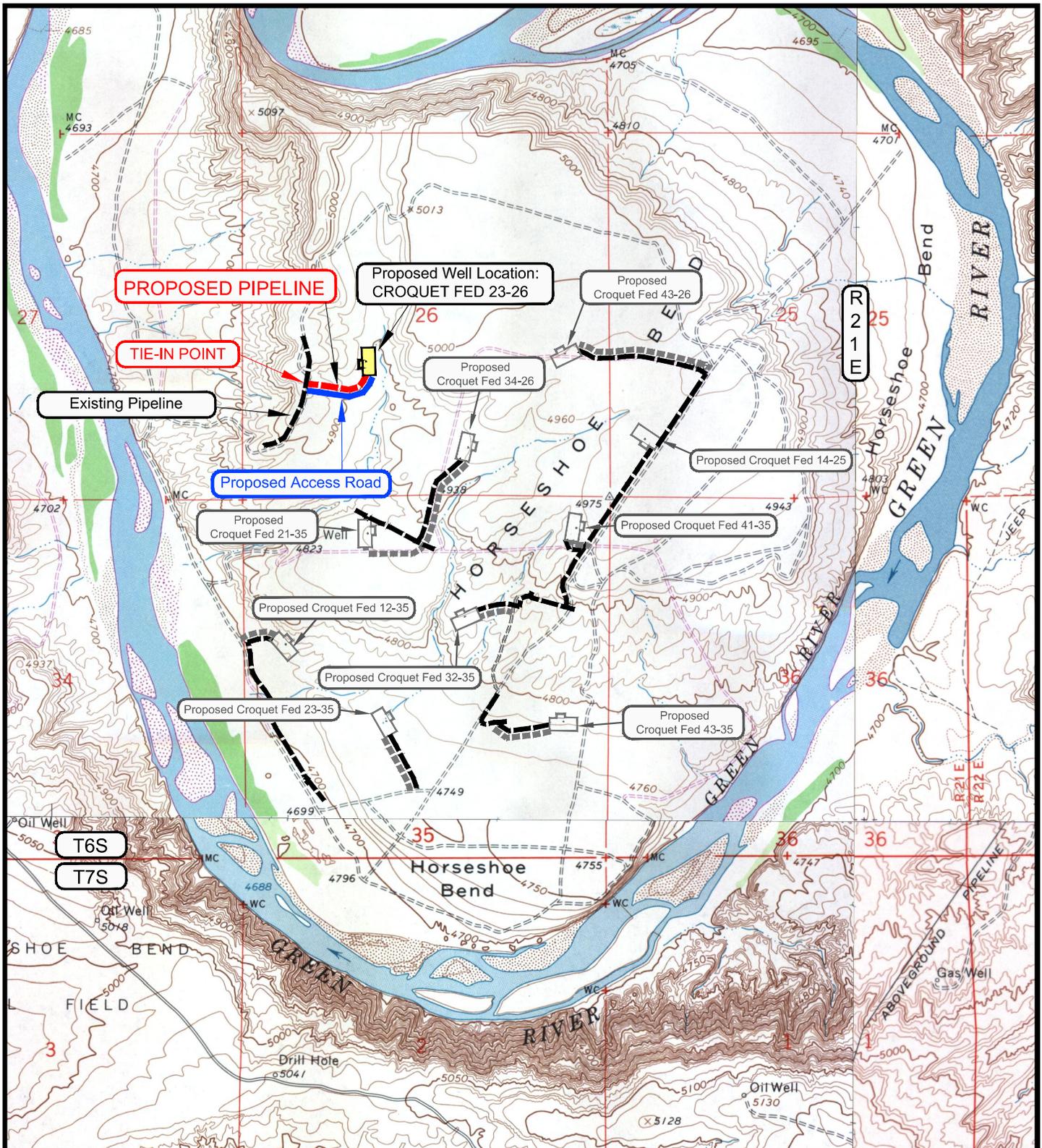
ROSEWOOD RESOURCES

WELL PAD - CROQUET FED 23-26
CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "C"		DATE SURVEYED: 8-8-13
SCALE: 1" = 2000'		DATE DRAWN: 8-13-13
DRAWN BY: C.T.C	REVISED:	

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 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET
9
 OF 11



APPROXIMATE PIPELINE LENGTH = ±980 FEET

LEGEND

- - - - - = PROPOSED PIPELINE
- - - - - = OTHER PIPELINE
- - - - - = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- - - - - = LEASE LINE AND / OR PROPERTY LINE

ROSEWOOD RESOURCES

WELL PAD - CROQUET FED 23-26
WELLS- CROQUET FED 23-26
1924' FSL & 1798' FWL
LOCATED IN SECTION 26, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 8-8-13

DATE DRAWN: 8-13-13

SCALE: 1" = 2000'

DRAWN BY: C.T.C

REVISED:

TIMBERLINE

(435) 789-1365

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

SHEET
10
 OF 11

ROSEWOOD RESOURCES
WELL PAD – CROQUET FED 23-26
Section 26, T6S, R21E, S.L.B.&M.

From the intersection of U.S. Highway 40 and 500 East street in Vernal, Utah, proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45. Exit right and proceed in a southerly direction along State Highway 45 approximately 7.0 miles to the junction of the Horseshoe Bend Road (County B Road 2390). Exit right and proceed in a southwesterly direction along the Horseshoe Bend Road approximately 5.9 miles to the intersection of a Class D County Road. Exit left and proceed in a southeasterly then northeasterly direction along the Class D County Road approximately 0.6 miles to the proposed access road. Follow road flags in an easterly then northeasterly direction approximately 990 feet to the proposed well location.

Total distance from Vernal, Utah to the proposed well location is approximately 17.0 miles in a southerly direction.