

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 23-35
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-53862	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	1981 FSL 2038 FWL	NESW	35	6.0 S	21.0 E	S
Top of Uppermost Producing Zone	1981 FSL 2038 FWL	NESW	35	6.0 S	21.0 E	S
At Total Depth	1981 FSL 2038 FWL	NESW	35	6.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1981	23. NUMBER OF ACRES IN DRILLING UNIT 635
27. ELEVATION - GROUND LEVEL 4755	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 02/26/2014	EMAIL jhenrie@rosewd.com
API NUMBER ASSIGNED 43047543260000	 Permit Manager	

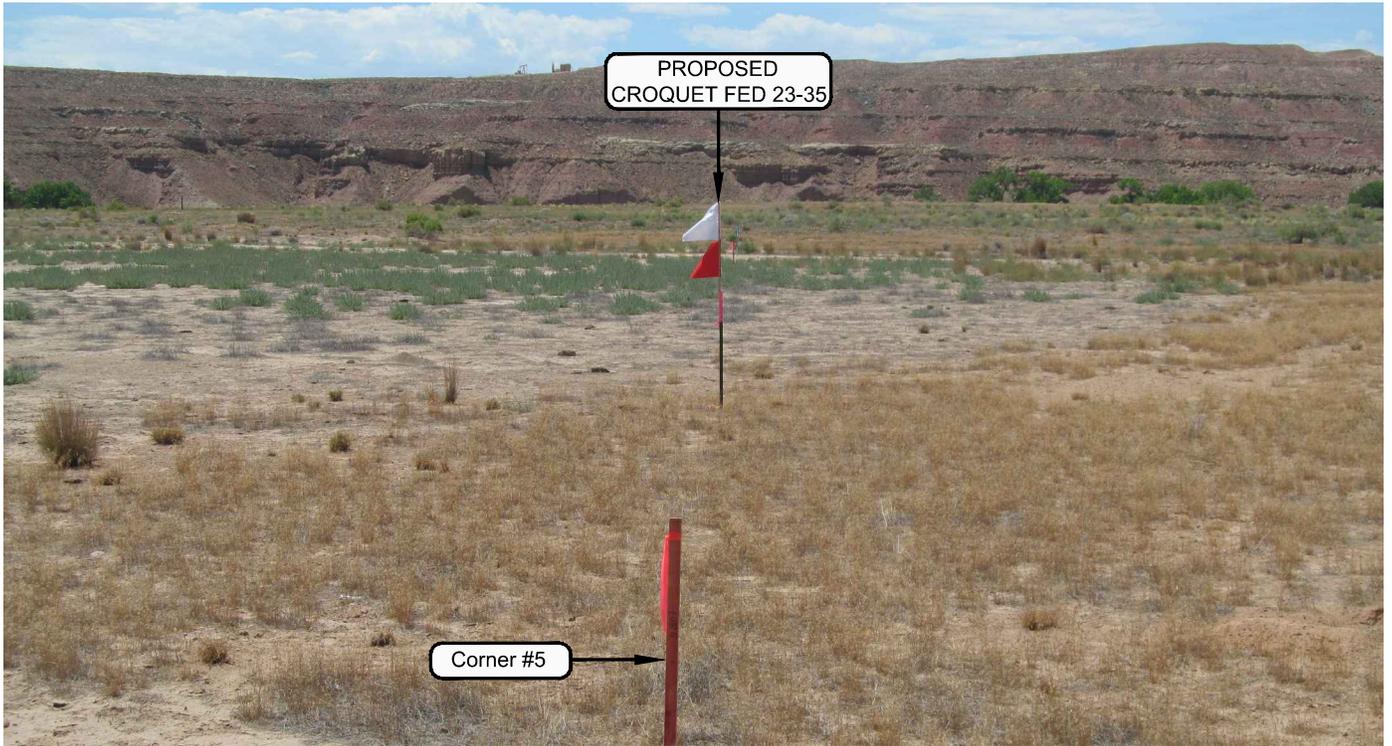


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHERLY

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35

**LOCATION PHOTOS
CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, 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:
7-31-13

PHOTOS TAKEN BY: A.F.

SHEET NO:

DATE DRAWN:
8-12-13

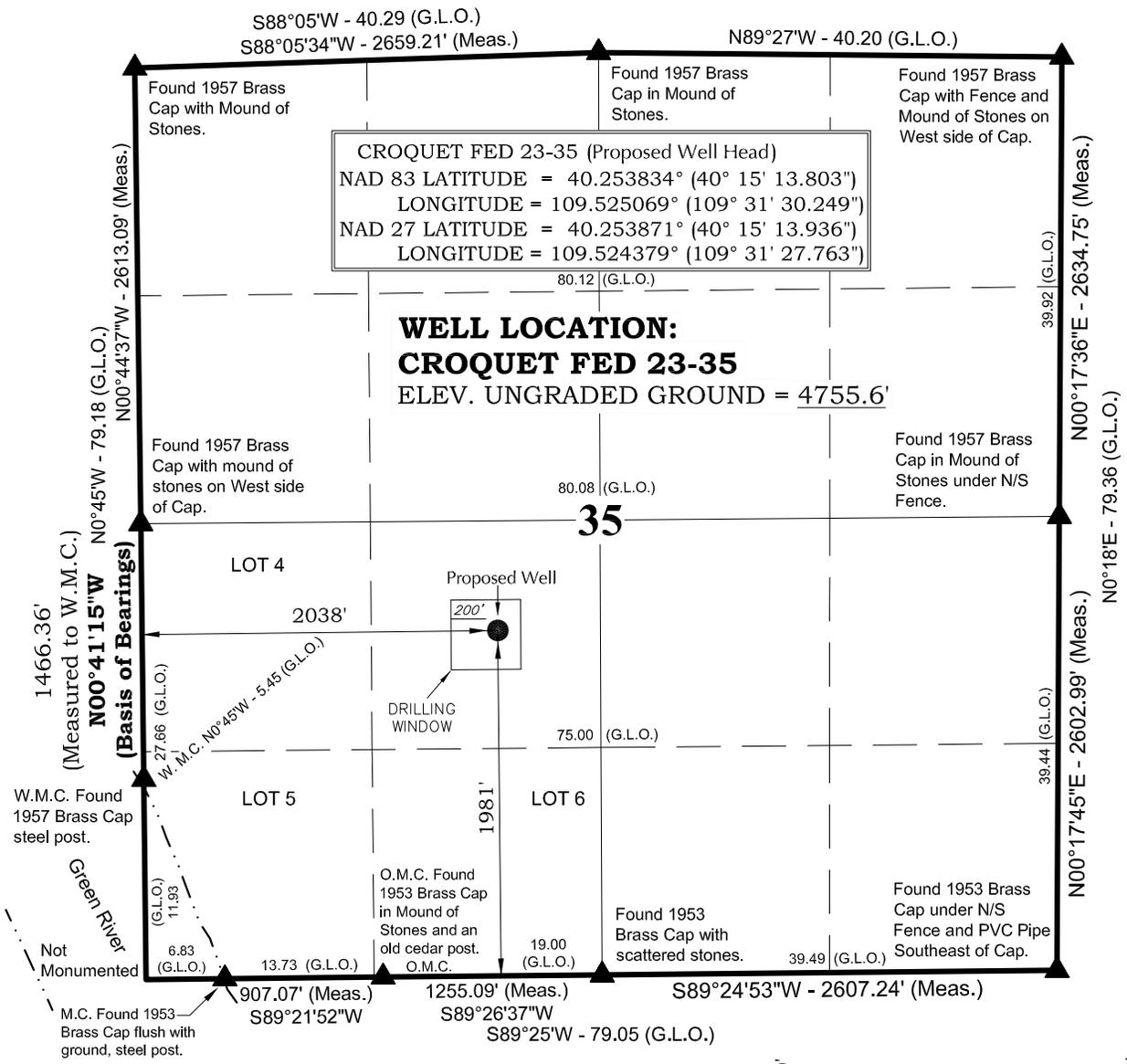
DRAWN BY: T.J.R.

1

Date Last Revised:

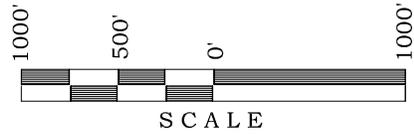
OF 12

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.

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

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35

**CROQUET FED 23-35
 WELL PLAT
 1981' FSL & 2038' FWL
 NE 1/4 SW 1/4 OF SECTION 35, T6S, R21E,
 S.L.B.&M., UTAH COUNTY, UTAH.**



TIMBERLINE

(435) 789-1365

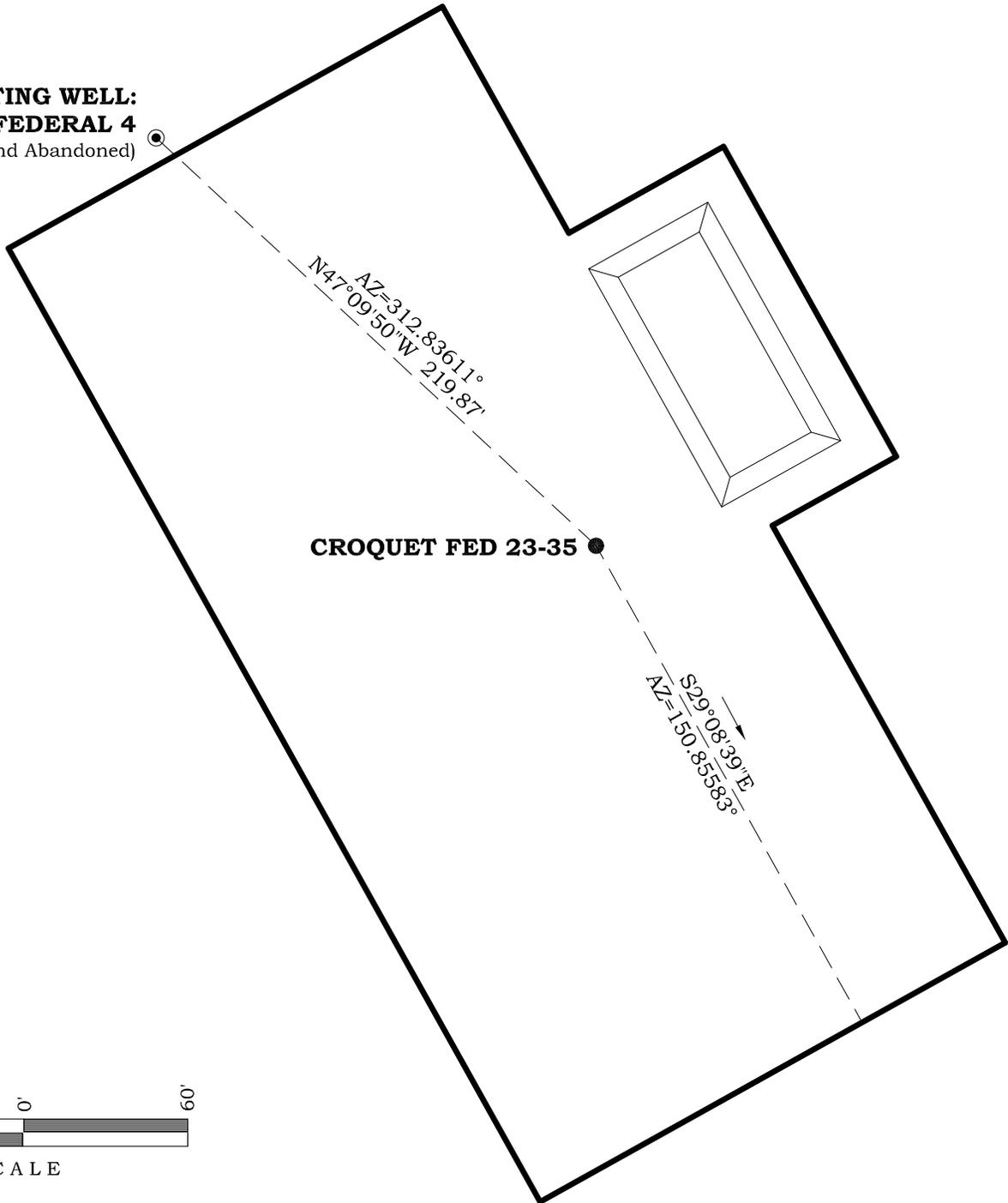
ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 2
DATE DRAWN: 8-12-13	DRAWN BY: T.J.R.	
SCALE: 1" = 1000'	Date Last Revised:	OF 12

WELL NAME	SURFACE POSITION				
	NAD83		NAD27		FOOTAGES
	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	
CROQUET FED 23-35	40°15'13.803"N 40.253834°N	109°31'30.249"W 109.525069°W	40°15'13.936"N 40.253871°N	109°31'27.763"W 109.524379°W	1981' FSL 2038' FWL
CROQUET FEDERAL 4	40°15'15.280"N 40.254244°N	109°31'32.328"W 109.525647°W	40°15'15.413"N 40.254281°N	109°31'29.842"W 109.524956°W	2132' FSL 1879' FWL

BASIS OF BEARINGS IS THE WEST LINE OF THE SW $\frac{1}{4}$ OF SECTION 35, T6S, R21E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°41'15"W.

**EXISTING WELL:
CROQUET FEDERAL 4**
(Plugged and Abandoned)



ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35

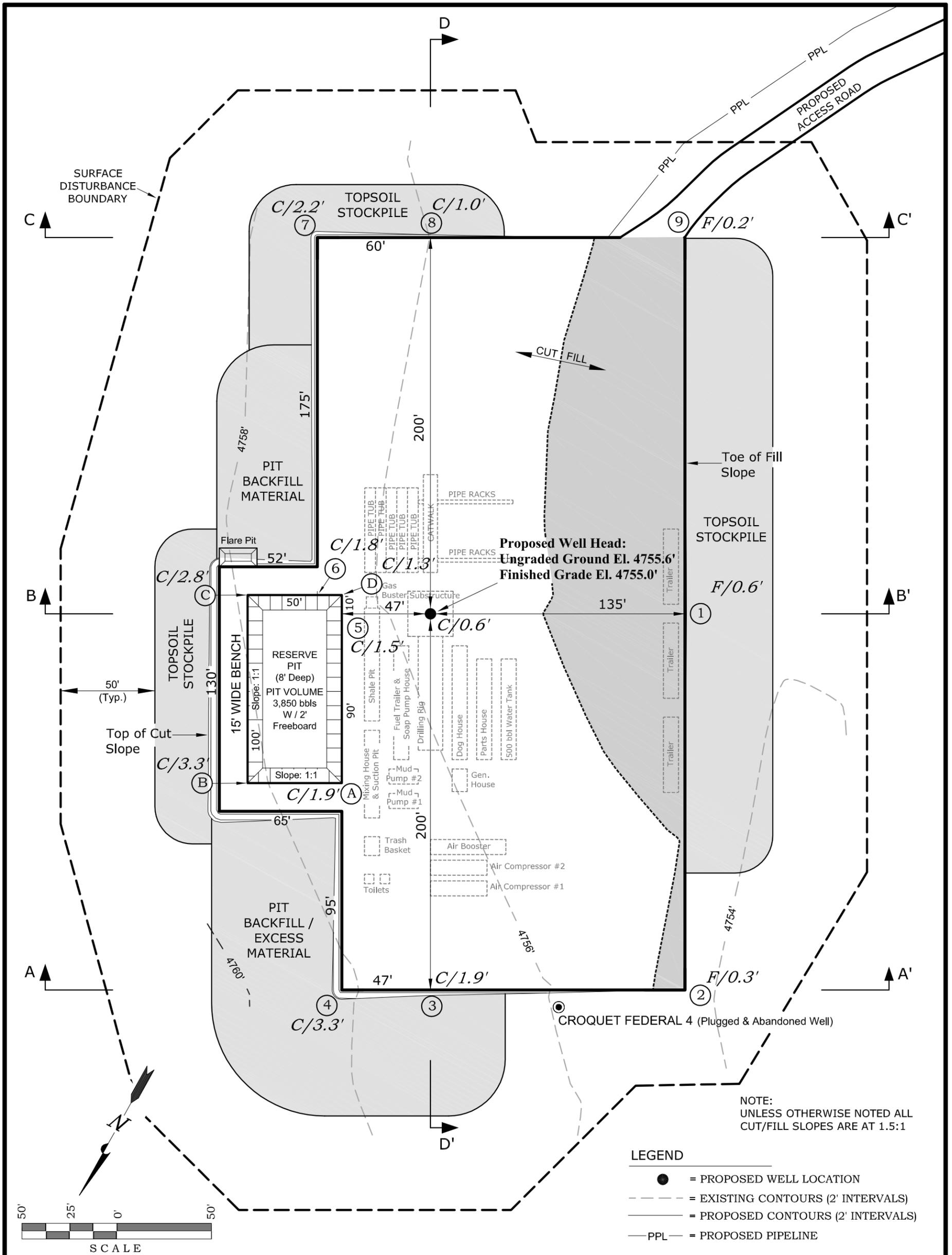
**WELL PAD INTERFERENCE PLAT
WELL - CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.**

TIMBERLINE

(435) 789-1365

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

DATE SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 3
DATE DRAWN: 8-12-13	DRAWN BY: T.J.R.	
SCALE: 1" = 60'	Date Last Revised:	OF 12



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

LEGEND

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

ROSEWOOD RESOURCES

PAD FOOTPRINT AREA = ±1.92 ACRES
 PAD DISTURBANCE AREA (Cut/Fill Slopes, Stockpiles) = ±3.07 ACRES
 AREA WITHIN SURFACE DISTURBANCE BOUNDARY = ±5.03 ACRES

REFERENCE POINTS:
 250' NORTHWESTERLY, EL = 4756.4'
 300' NORTHWESTERLY, EL = 4757.1'
 185' SOUTHWESTERLY, EL = 4754.4'
 235' SOUTHWESTERLY, EL = 4754.7'

WELL PAD: CROQUET FED 23-35

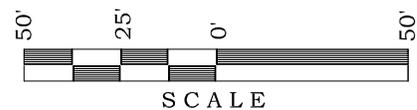
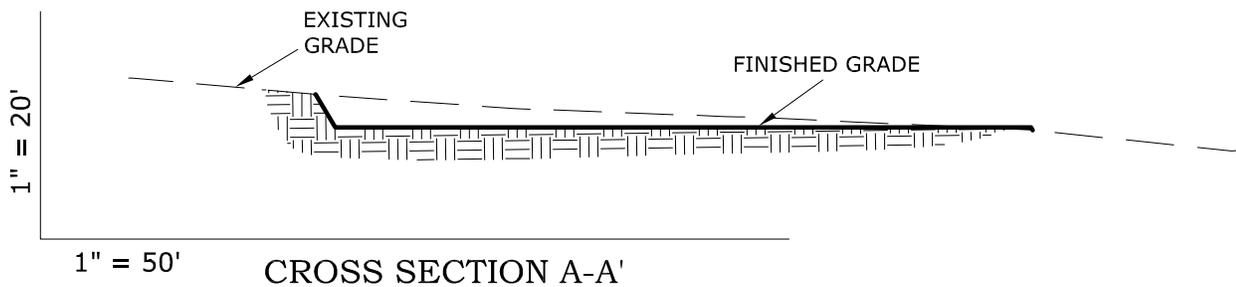
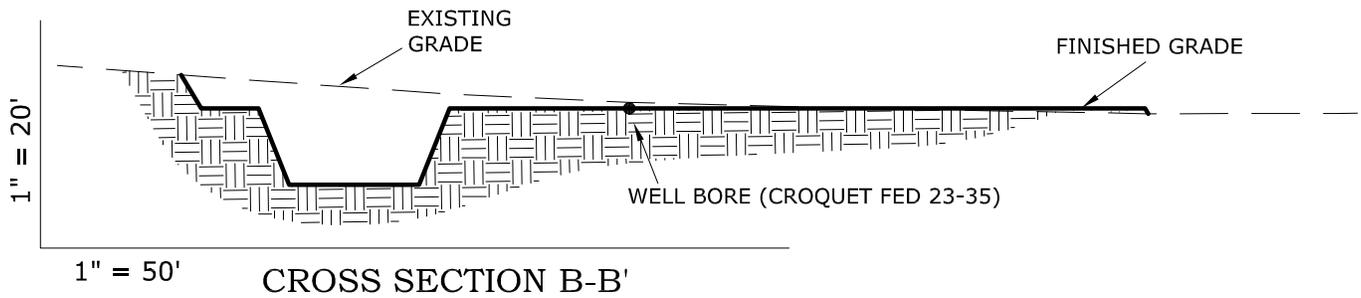
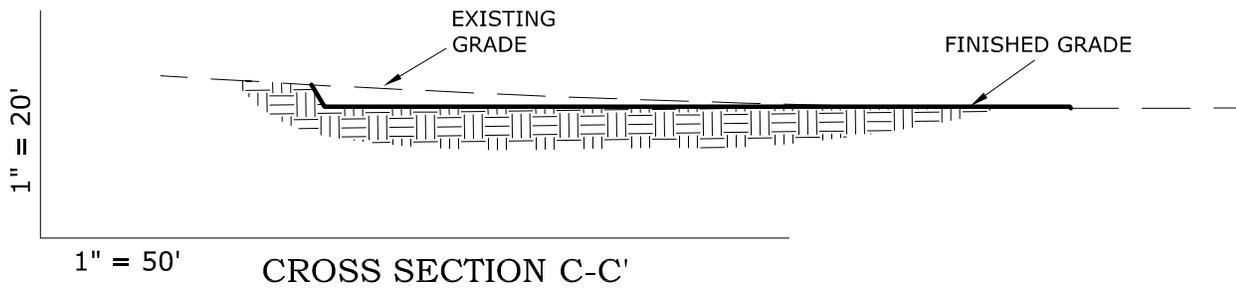
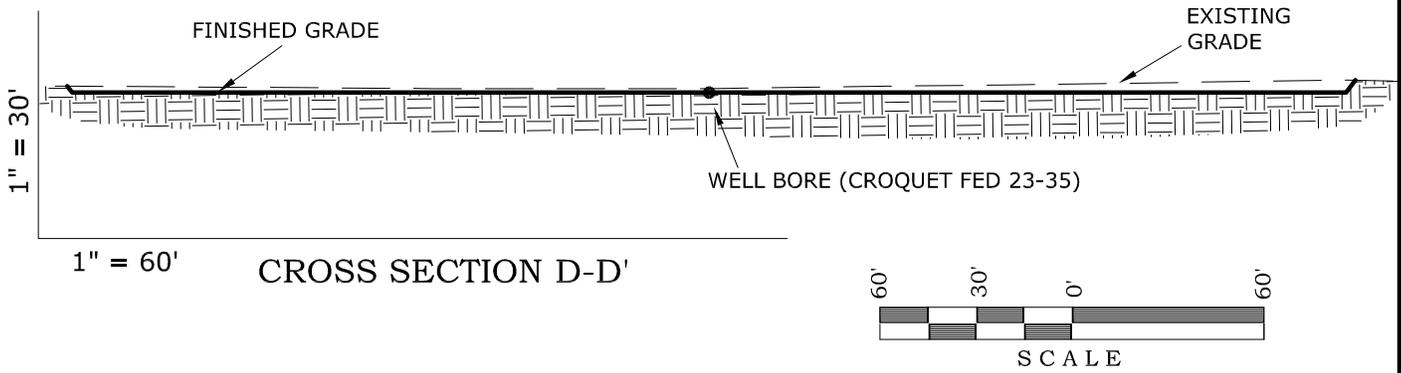
ESTIMATED EARTHWORK QUANTITIES
 (No shrink or swell adjustments have been used)
 (Expressed in Cubic Yards)

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 209 NORTH 300 WEST - VERNAL, UTAH 84078

WELL PAD - LOCATION LAYOUT
WELL - CROQUET FED 23-35
 1981' FSL & 2038' FWL
 LOCATED IN SECTION 35, T6S, R21E,
 S.L.B.&M., UTAH COUNTY, UTAH.

6" Topsoil Stripping = 1,600
 Remaining Location = 2,900
TOTAL CUT = 4,500
FILL = 630
 Excess Material = 1,130

DATE SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 4 OF 12
DATE DRAWN: 8-8-13	DRAWN BY: M.W.W.	
SCALE: 1" = 50'	Date Last Revised:	



ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35

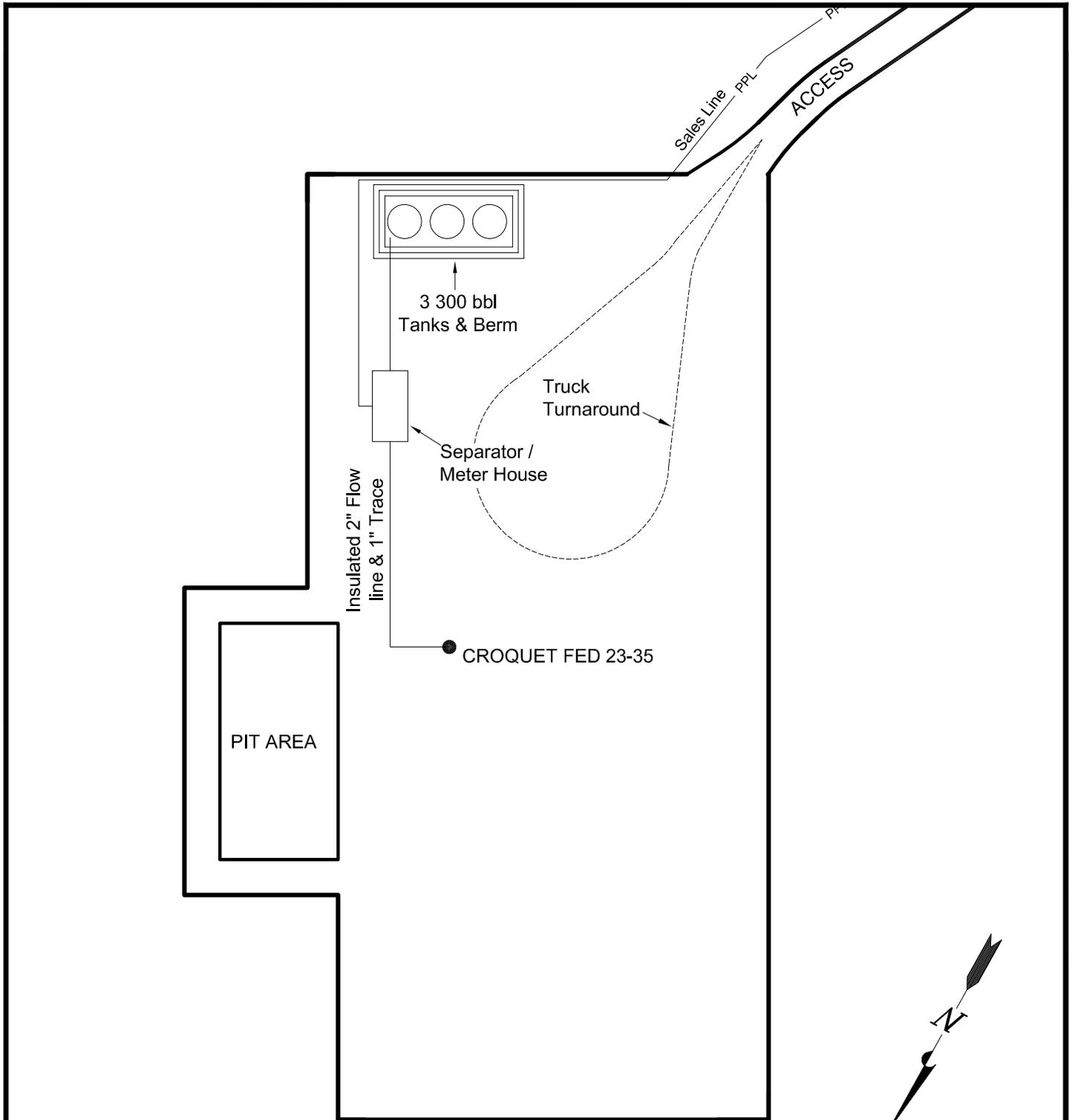
**WELL PAD - CROSS SECTION
WELL - CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., Uintah County, Utah.**

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209 NORTH 300 WEST - VERNAL, UTAH 84078

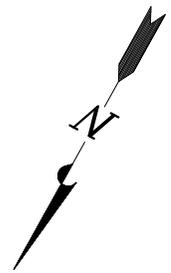
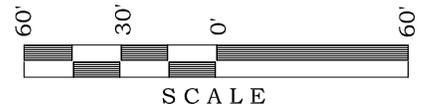
DATE SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 5 OF 12
DATE DRAWN: 8-8-13	DRAWN BY: M.W.W.	
	Date Last Revised:	



LEGEND

- = PROPOSED WELL LOCATION
- PPL — = PROPOSED PIPELINE

● CROQUET FEDERAL 4
(Plugged & Abandoned Well)



ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35

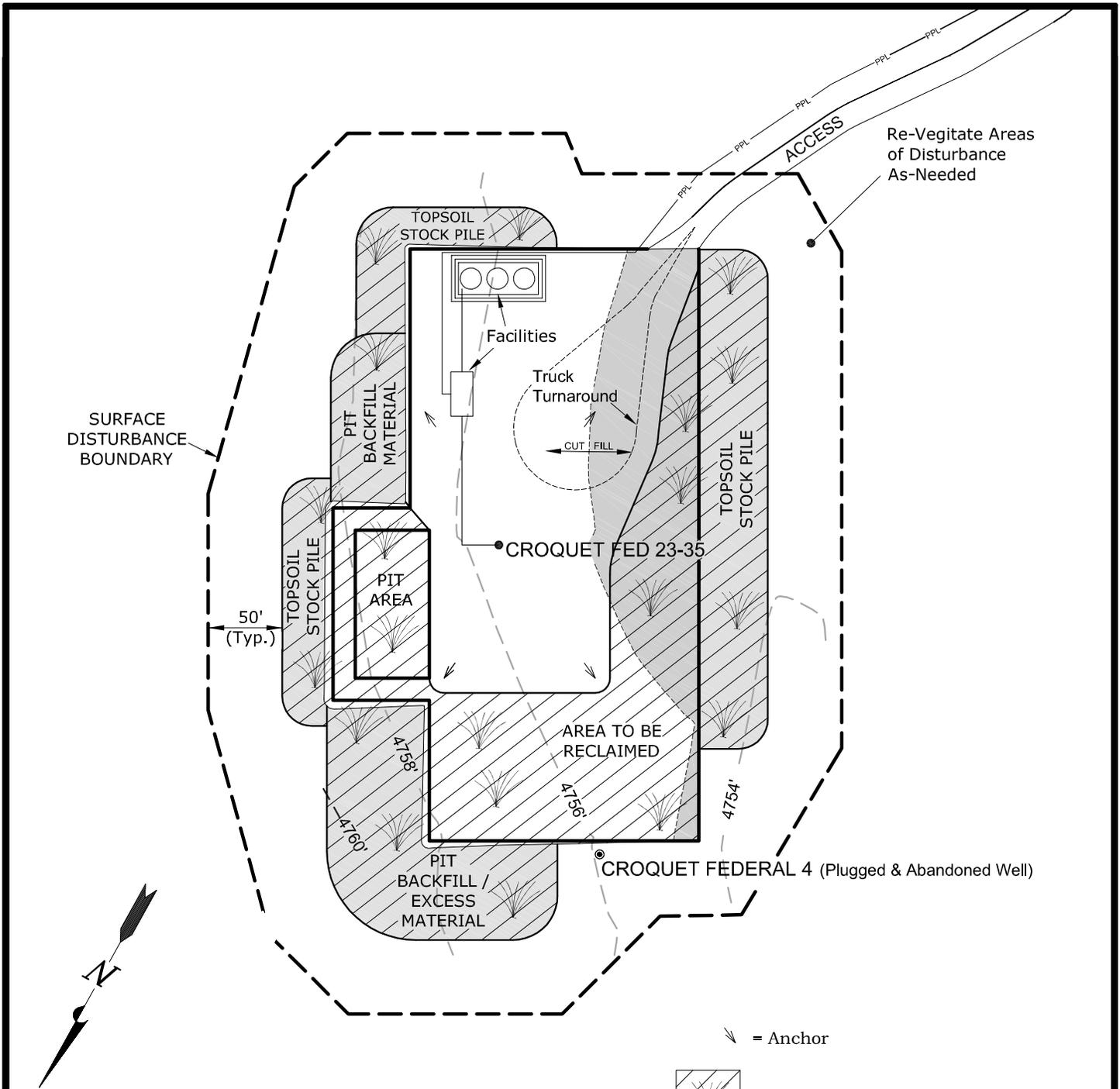
**WELL PAD - FACILITY DIAGRAM
WELL - CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.**

TIMBERLINE

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

DATE SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 6 OF 12
DATE DRAWN: 8-8-13	DRAWN BY: M.W.W.	
SCALE: 1" = 60'	Date Last Revised:	



SURFACE DISTURBANCE BOUNDARY

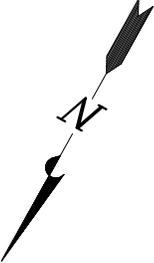
Re-Vegetate Areas of Disturbance As-Needed

50' (Typ.)

CROQUET FED 23-35

AREA TO BE RECLAIMED

CROQUET FEDERAL 4 (Plugged & Abandoned Well)

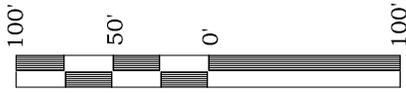


↘ = Anchor

= Area to be Reclaimed and Vegetated

--- = CONTOURS (2' INTERVALS)

—PPL— = PROPOSED PIPELINE



SCALE

NOTE:

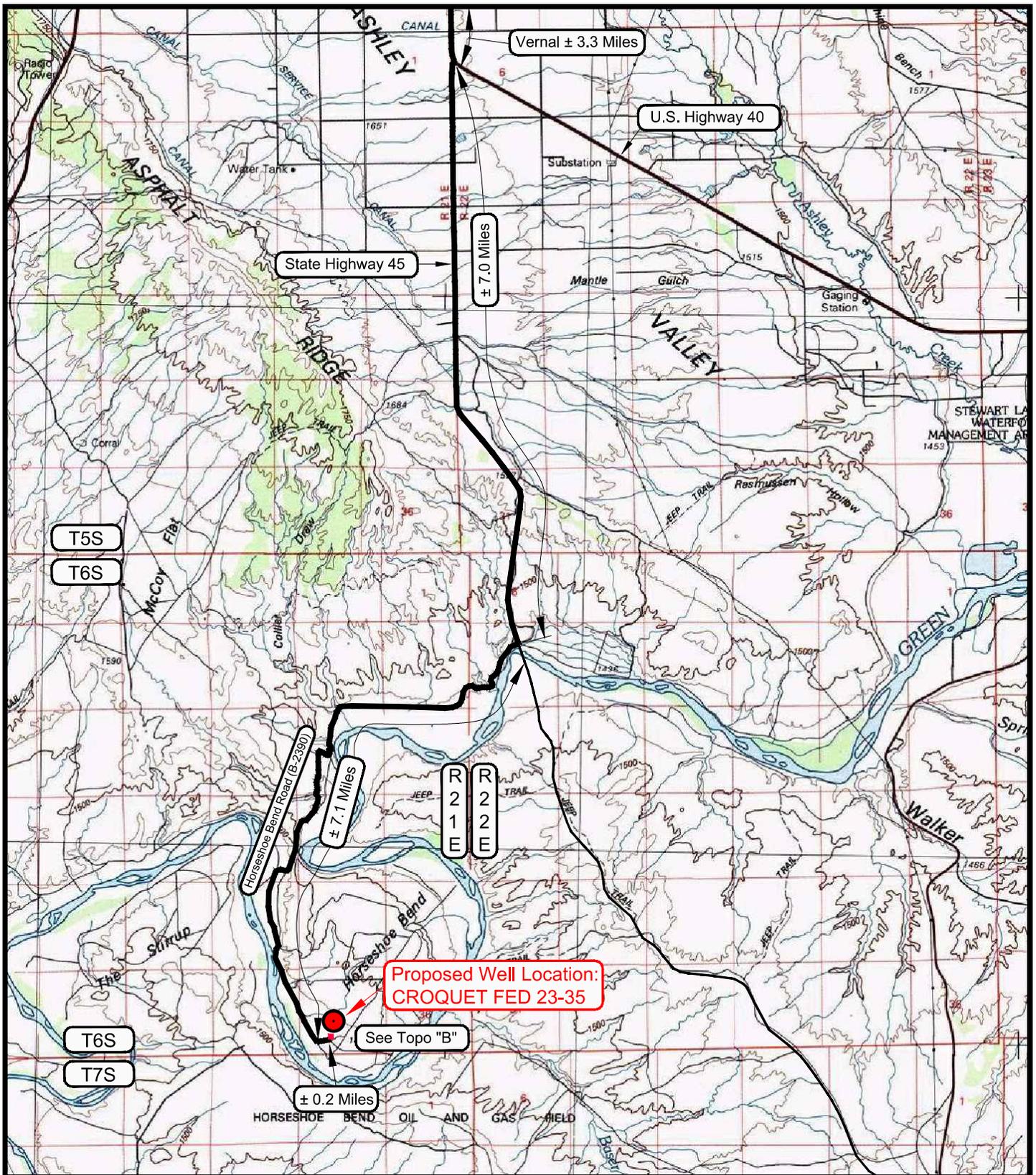
1. PRODUCTION EQUIPMENT LOCATION COULD VARY DUE TO SITE AND OPERATION EFFECTIVENESS.

2. AREA WITHIN SURFACE DISTURBANCE BOUNDARY:
 BOUNDARY: ±5.03 ACRES
 RECLAIMED AREA: ±3.93 ACRES
 UN-RECLAIMED AREA: ±1.10 ACRES

ROSEWOOD RESOURCES

WELL PAD: CROQUET FED 23-35
WELL PAD
INTERIM RECLAMATION DIAGRAM
WELL - CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, 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 SURVEYED: 7-31-13	SURVEYED BY: A.F.	SHEET NO: 7
DATE DRAWN: 8-8-13	DRAWN BY: M.W.W.	
SCALE: 1" = 100'	Date Last Revised:	OF 12



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 23-35
WELLS- CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

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

SHEET
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TOPOGRAPHIC MAP "A"

DATE SURVEYED: 8-1-13

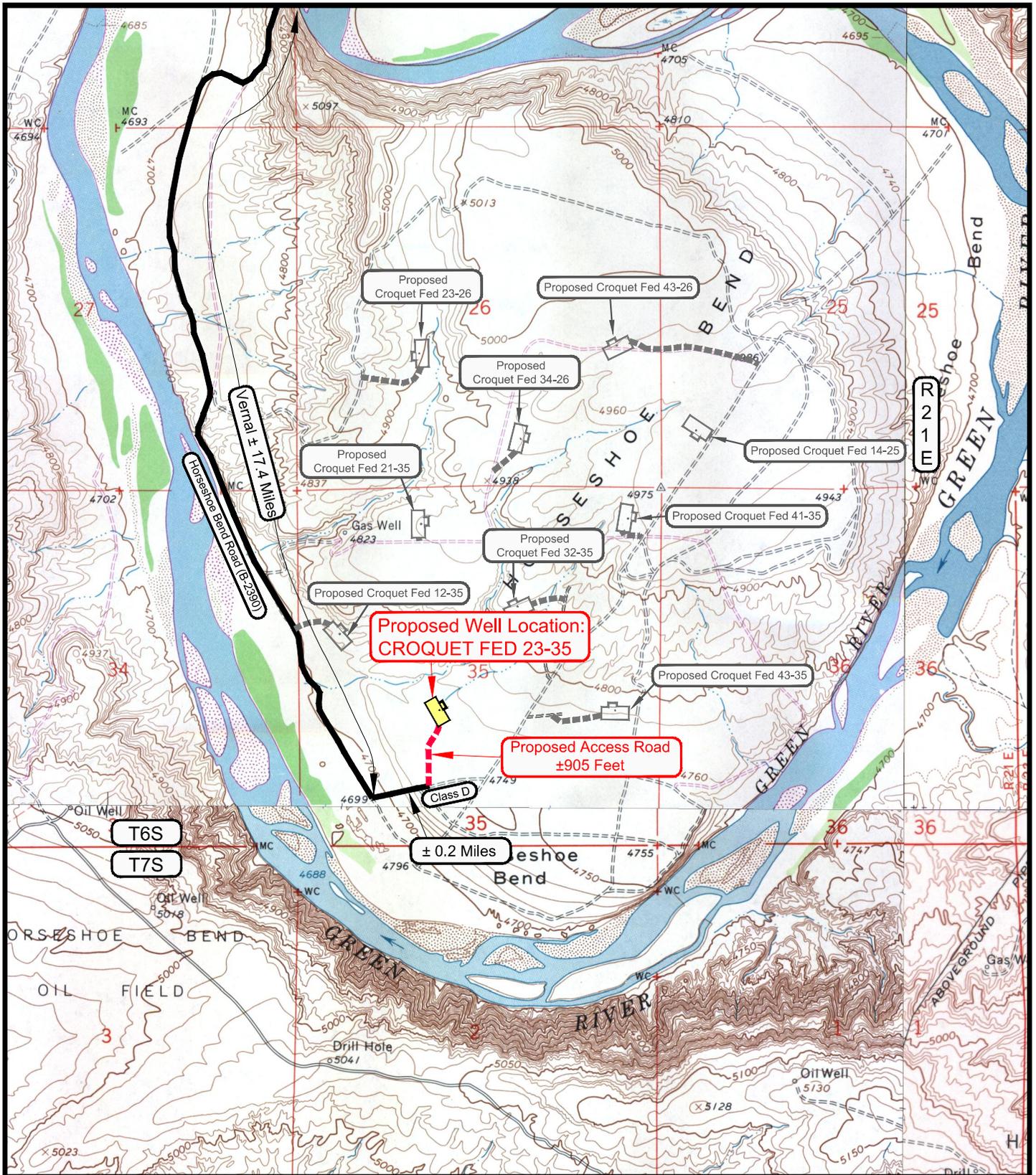
DATE DRAWN: 8-12-13

SCALE: 1:100,000

DRAWN BY: C.T.C.

REVISED:





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 23-35
WELLS- CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 8-1-13

DATE DRAWN: 8-12-13

SCALE: 1" = 2000'

DRAWN BY: C.T.C.

REVISED:

TIMBERLINE

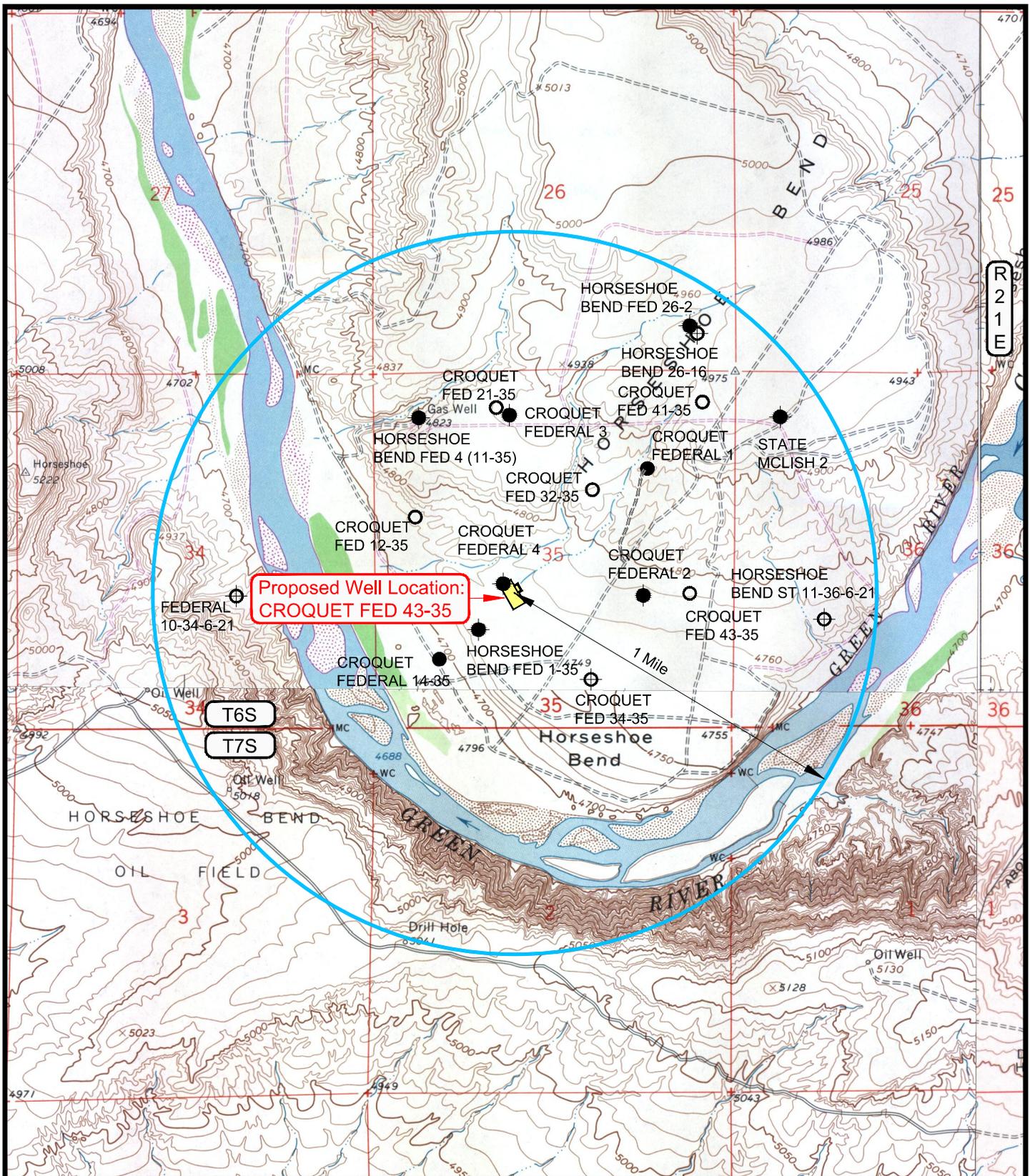
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ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET

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OF 12



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 23-35
CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 8-1-13

DATE DRAWN: 8-12-13

SCALE: 1" = 2000'

DRAWN BY: C.T.C.

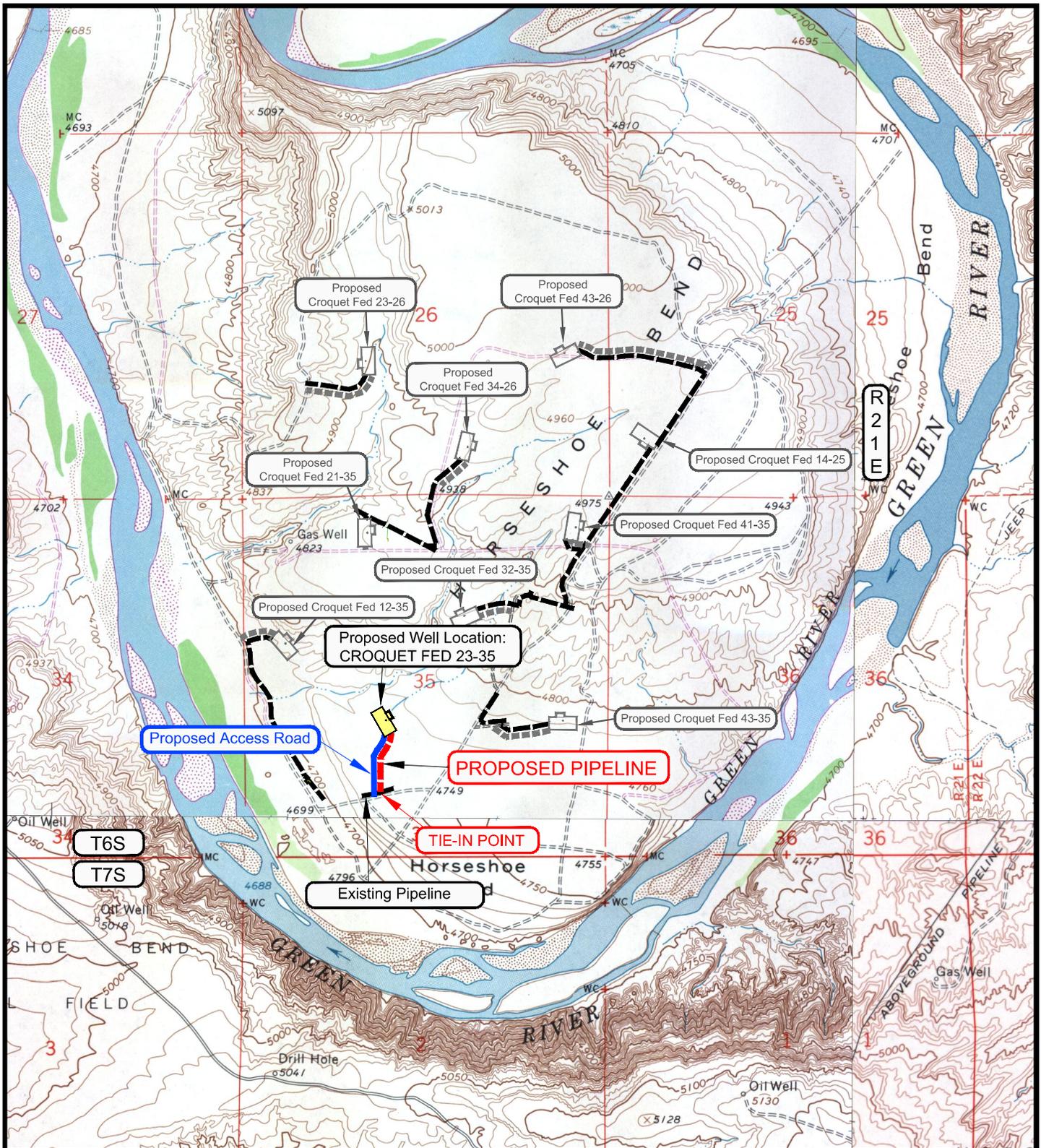
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 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET
10
 OF 12



APPROXIMATE PIPELINE LENGTH = ±900 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 23-35
WELLS- CROQUET FED 23-35
1981' FSL & 2038' FWL
LOCATED IN SECTION 35, T6S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 8-1-13

DATE DRAWN: 8-12-13

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

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OF 12

ROSEWOOD RESOURCES
WELL PAD – CROQUET FED 23-35
Section 35, 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 7.1 miles to the intersection of a Class D County Road. Exit left and proceed in a northeasterly direction along the Class D County Road approximately 0.2 miles to the proposed access road. Follow road flags in a northerly direction approximately 905 feet to the proposed well location.

Total distance from Vernal, Utah to the proposed well location is approximately 17.8 miles in a southerly direction.