

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 HSB FED 22-04
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-88053	11. MINERAL 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')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
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	2523 FNL 1142 FWL	SWNW	4	7.0 S	22.0 E	S
Top of Uppermost Producing Zone	2523 FNL 1142 FWL	SWNW	4	7.0 S	22.0 E	S
At Total Depth	2523 FNL 1142 FWL	SWNW	4	7.0 S	22.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1142	23. NUMBER OF ACRES IN DRILLING UNIT 632
27. ELEVATION - GROUND LEVEL 5004	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1500	26. PROPOSED DEPTH MD: 8400 TVD: 8500
	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	9.625	0 - 2000	32.3	H-40 ST&C	16.0	Class G	850	1.18	15.6
PROD	7.875	5.5	0 - 8500	17.0	M-80 LT&C	17.0	Class G	215	3.8	11.0
							Class G	1025	1.49	13.4

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 08/01/2011	EMAIL jhenrie@rosewd.com

API NUMBER ASSIGNED 43047517900000	APPROVAL  Permit Manager
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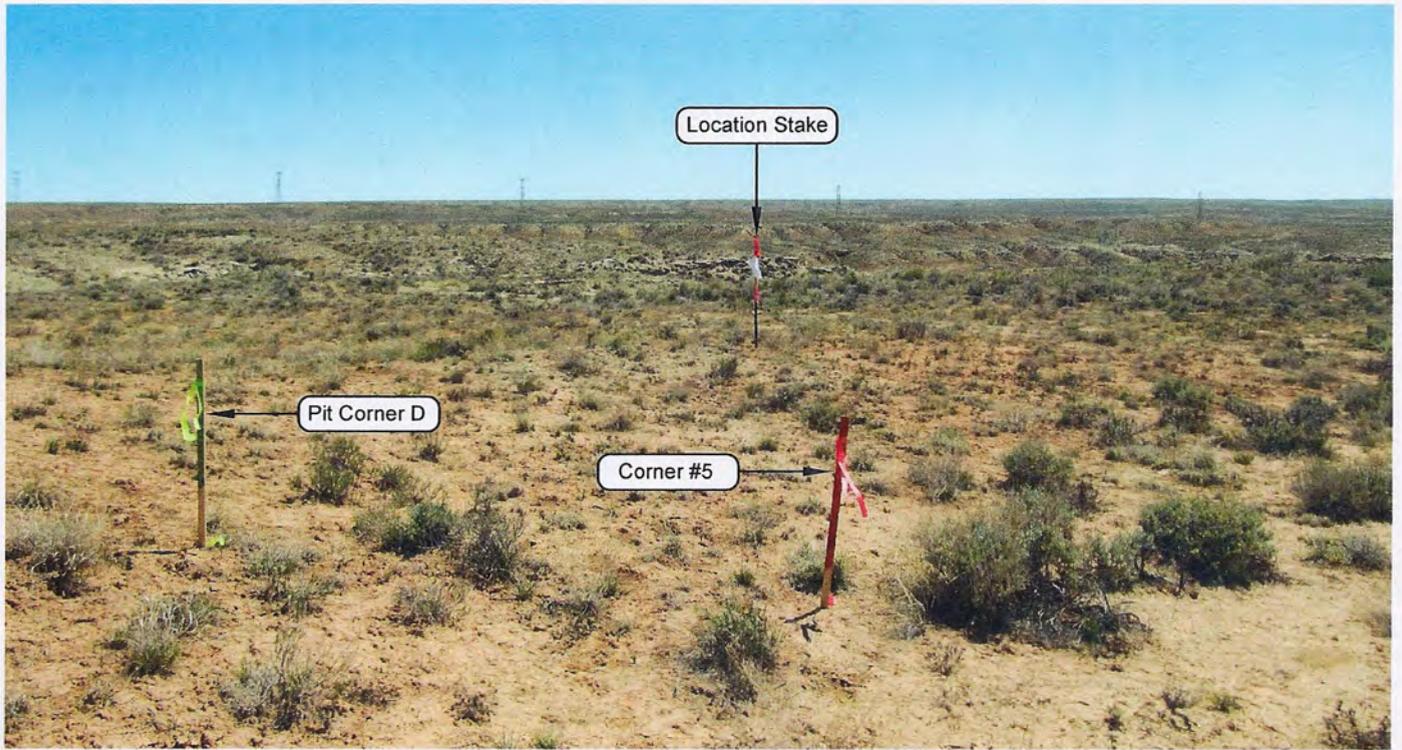


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

ROSEWOOD RESOURCES

LOCATION PHOTOS

HSB FED 22-4
 2523' FNL, 1142' FWL
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 4, T7S, R22E,
 S.L.B.&M., UINTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

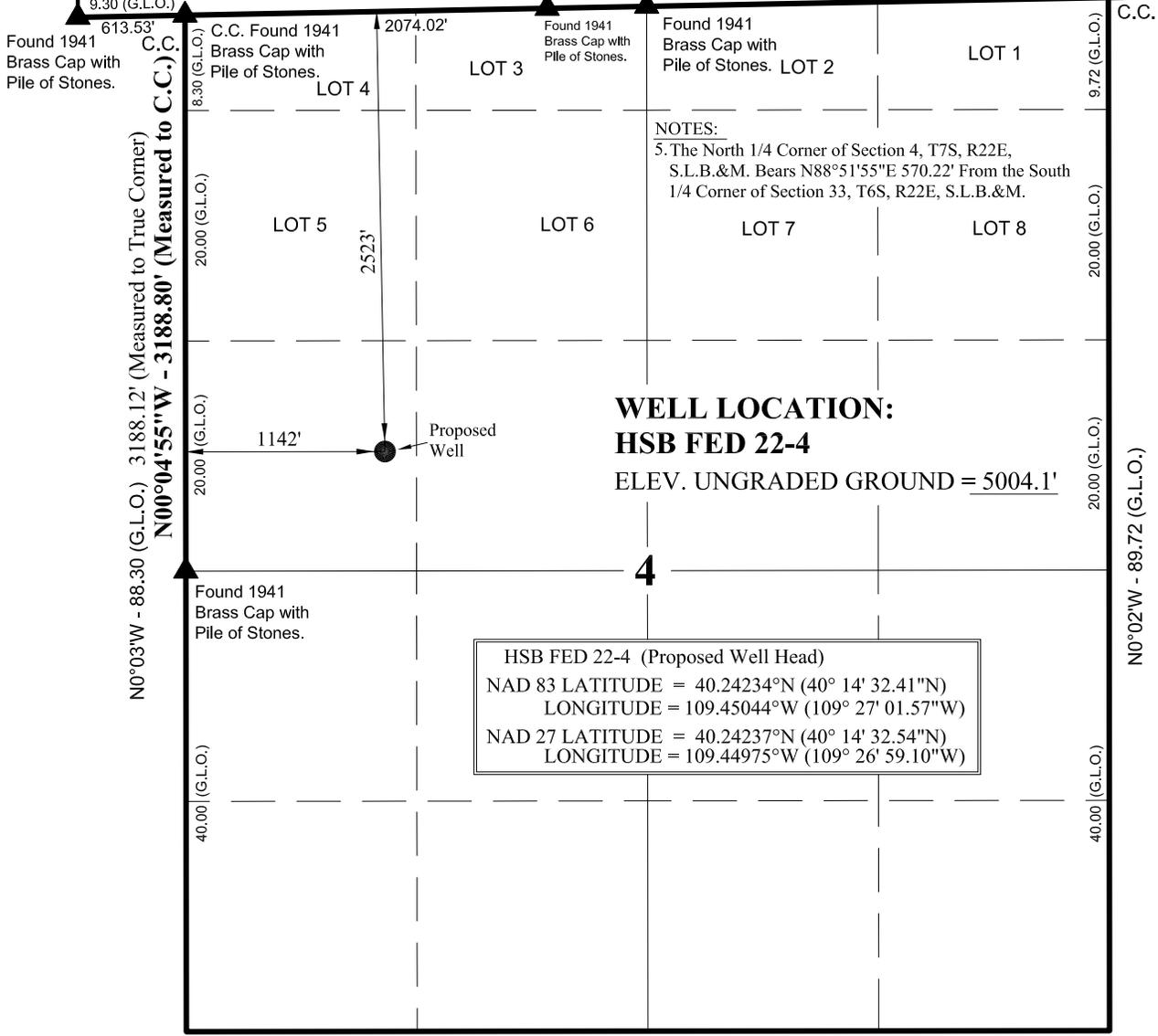
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE PHOTOS TAKEN: 05-04-11	PHOTOS TAKEN BY: M.S.B.	SHEET 1 OF 10
DATE DRAWN: 05-11-11	DRAWN BY: M.W.W.	
Date Last Revised:		

T7S, R22E, S.L.B.&M.

Sec. 33

S88°54'21"W - 2687.55' (Meas.) S88°57'W - 81.40 (G.L.O.) 7.98 (G.L.O.)



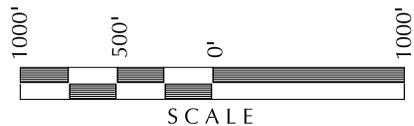
WELL LOCATION:
HSB FED 22-4
 ELEV. UNGRADED GROUND = 5004.1'

HSB FED 22-4 (Proposed Well Head)
 NAD 83 LATITUDE = 40.24234°N (40° 14' 32.41"N)
 LONGITUDE = 109.45044°W (109° 27' 01.57"W)
 NAD 27 LATITUDE = 40.24237°N (40° 14' 32.54"N)
 LONGITUDE = 109.44975°W (109° 26' 59.10"W)

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'.

S89°58'W - 80.10 (G.L.O.)



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.

John R. Sauch
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

ROSEWOOD RESOURCES

LEGAL PLAT
HSB FED 22-4
2523' FNL, 1142' FWL
SW 1/4 NW 1/4 OF SECTION 4, T7S, R22E,
S.L.B.&M., UTAH COUNTY, UTAH.

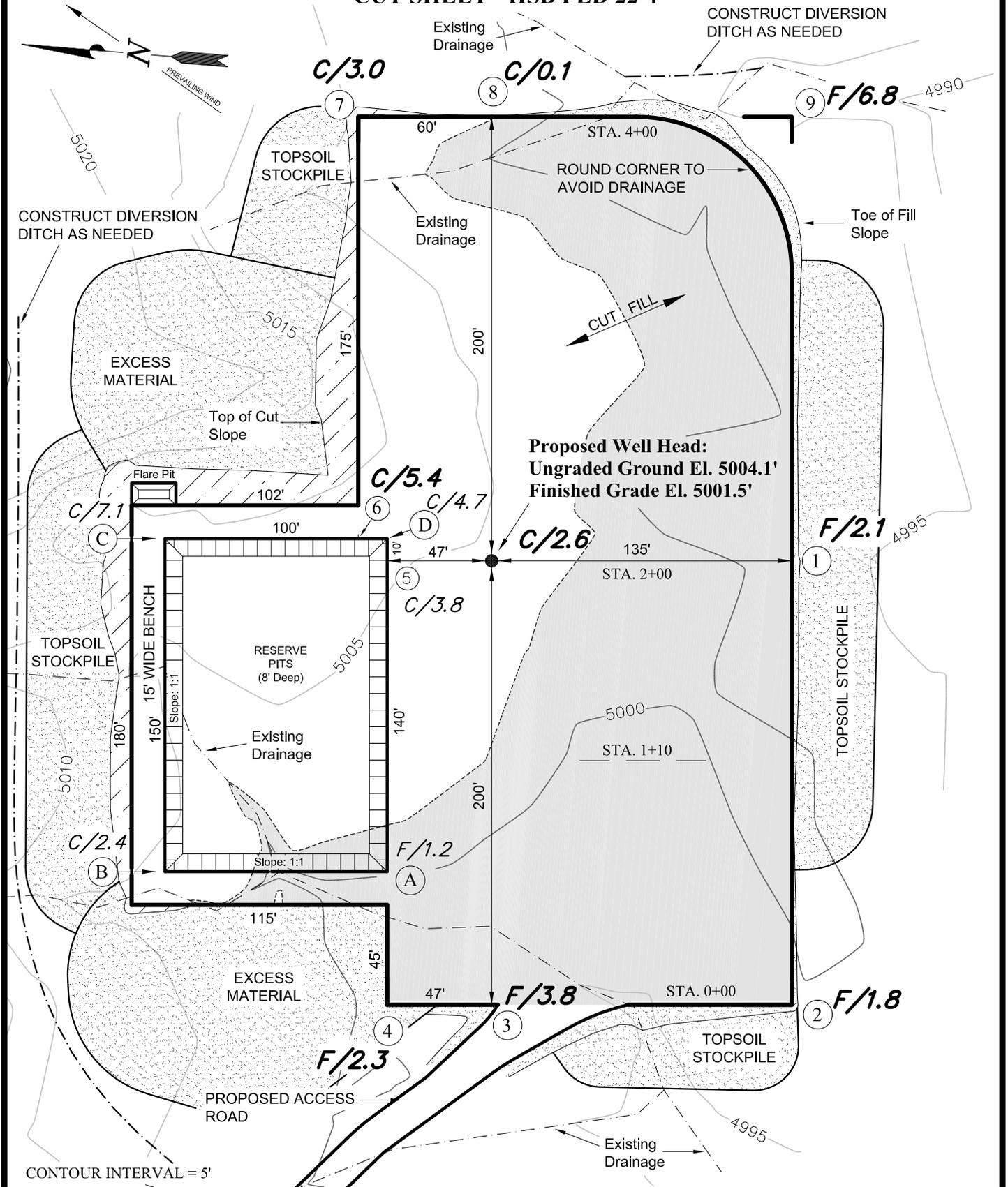


TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 12-20-10	SURVEYED BY: M.S.B.	SHEET 2 OF 10
DATE DRAWN: 12-28-10	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 05-6-11 M.W.W.	

ROSEWOOD RESOURCES

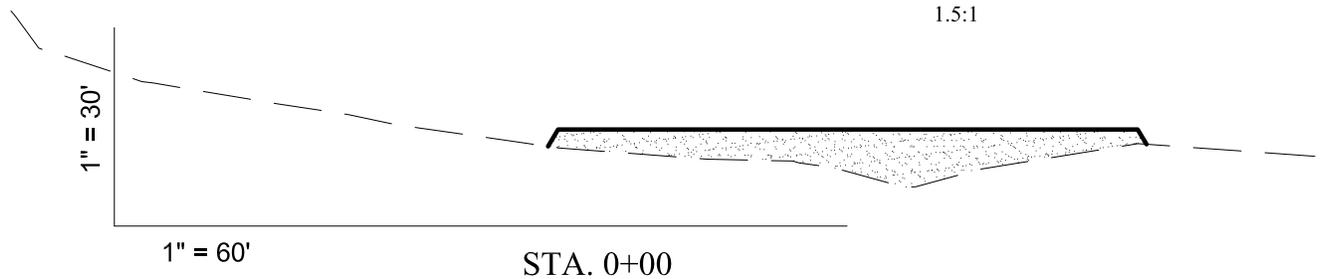
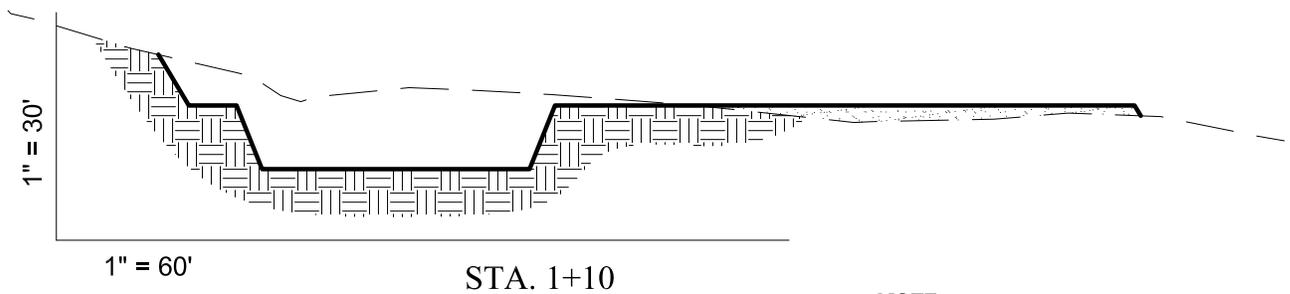
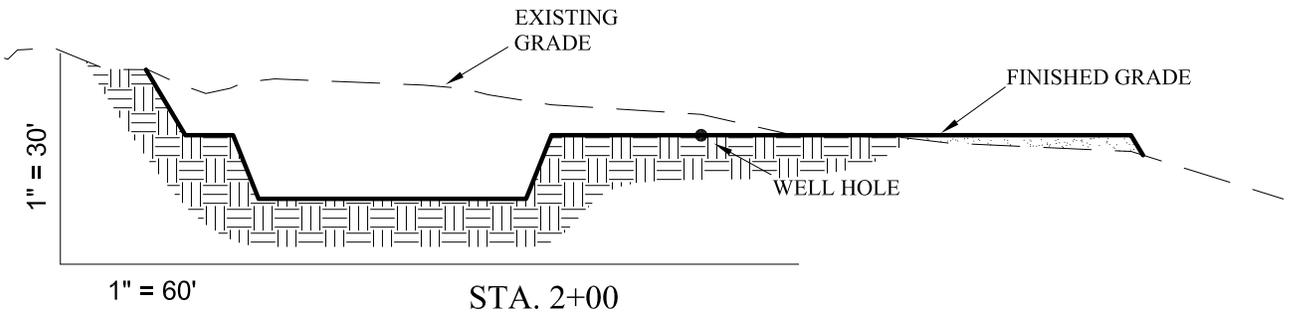
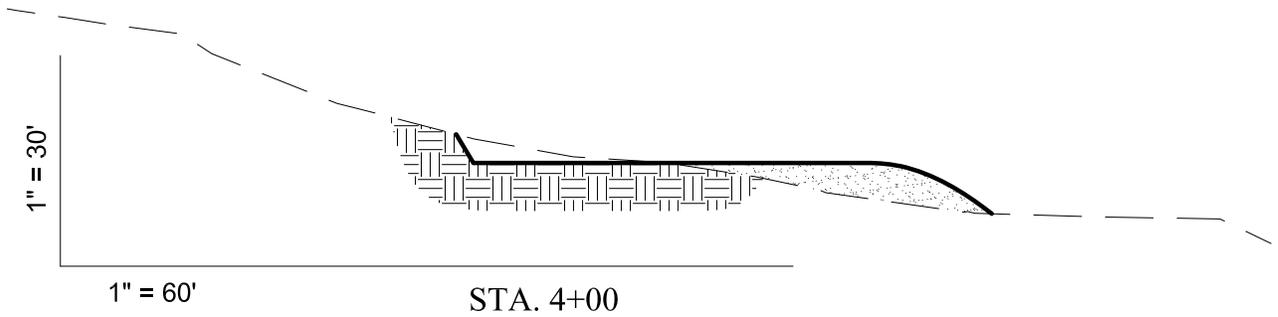
CUT SHEET - HSB FED 22-4



Section 4, T7S, R22E, S.L.B.&M.		Qtr/Qtr Location: SW NW		Footage Location: 2523' FNL & 1142' FWL	
Date Surveyed: 12-20-10	Date Drawn: 12-28-10	Date Last Revision: 05-10-11 M.W.W.	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	(435) 789-1365	SHEET 3 OF 10
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			

ROSEWOOD RESOURCES

CROSS SECTION - HSB FED 22-4



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

REFERENCE POINTS

202' SOUTHERLY = 4991.1'
235' SOUTHERLY = 4990.5'
250' EASTERLY = 5000.1'
300' EASTERLY = 5002.0'

ESTIMATED EARTHWORK QUANTITIES

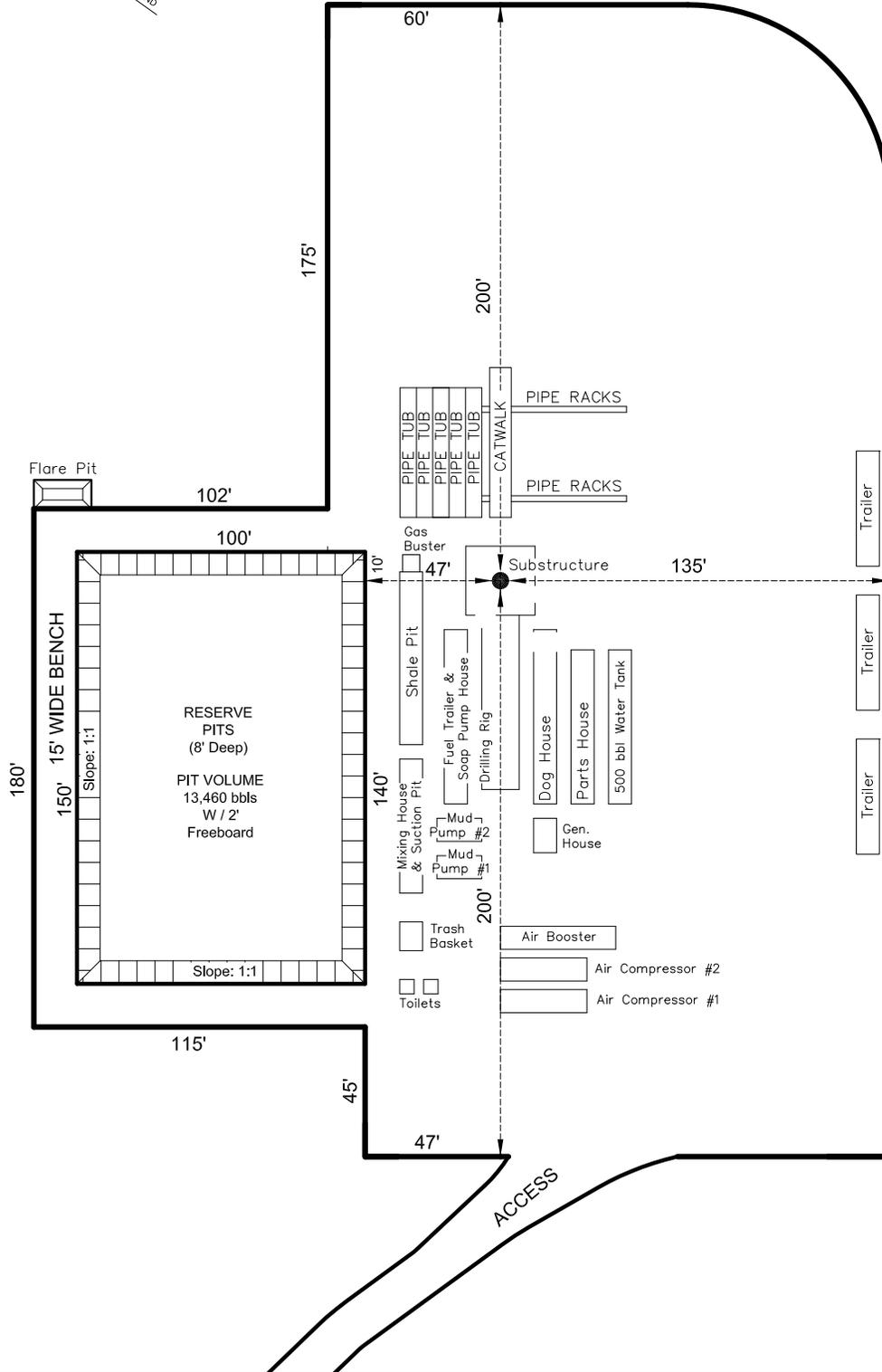
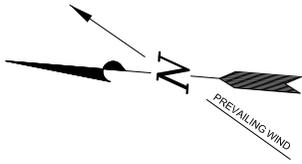
(No shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

CUT: 6" Topsoil Stripping = 1,920	Excess Material = 5,790
Remaining Location = 8,650	Topsoil & Pit Backfill = 5,790 (Full Pit Volume)
TOTAL CUT = 10,570	Excess Unbalance = 0 (After Rehabilitation)
FILL = 4,780	

Section 4, T7S, R22E, S.L.B.&M.		Qtr/Qtr Location: SW NW		Footage Location: 2523' FNL & 1142' FWL	
Date Surveyed: 12-20-10	Date Drawn: 12-28-10	Date Last Revision: 05-10-11 M.W.W.	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	(435) 789-1365	SHEET 4 OF 10
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			

ROSEWOOD RESOURCES

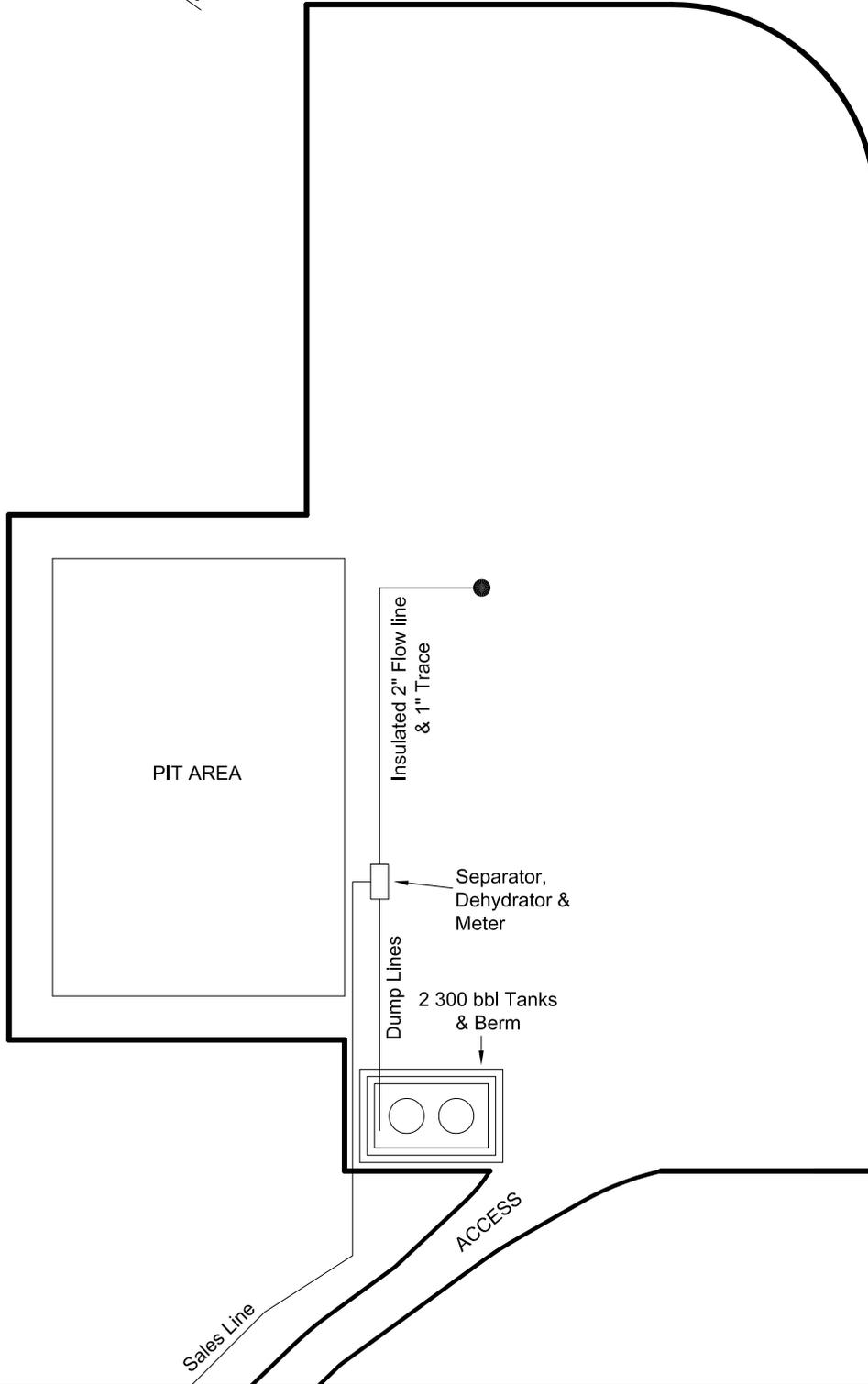
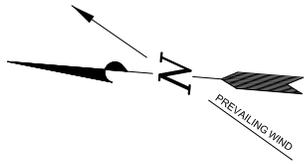
TYPICAL RIG LAYOUT - HSB FED 22-4



Section 4, T7S, R22E, S.L.B.&M.		Qtr/Qtr Location: SW NW		Footage Location: 2523' FNL & 1142' FWL	
Date Surveyed: 12-20-10	Date Drawn: 12-28-10	Date Last Revision: 05-10-11 M.W.W.	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	(435) 789-1365	SHEET
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			5

ROSEWOOD RESOURCES

TYPICAL PRODUCTION LAYOUT - HSB FED 22-4



Section 4, T7S, R22E, S.L.B.&M.		Qtr/Qtr Location: SW NW		Footage Location: 2523' FNL & 1142' FWL	
Date Surveyed: 12-20-10	Date Drawn: 12-28-10	Date Last Revision: 05-10-11 M.W.W.	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	(435) 789-1365	SHEET
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			6