

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 NBU 1022-27A	
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 NATURAL BUTTES	
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES	
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6587	
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL mary.mondragon@anadarko.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-0473			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	1058 FNL 413 FEL	NENE	27	10.0 S	22.0 E	S	
Top of Uppermost Producing Zone	1058 FNL 413 FEL	NENE	27	10.0 S	22.0 E	S	
At Total Depth	1058 FNL 413 FEL	NENE	27	10.0 S	22.0 E	S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 413			23. NUMBER OF ACRES IN DRILLING UNIT 640	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1000			26. PROPOSED DEPTH MD: 8300 TVD:	
27. ELEVATION - GROUND LEVEL 5437			28. BOND NUMBER WYB000291			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Water permit # 43-8496	
ATTACHMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE 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 Kevin McIntyre			TITLE Regulatory Analyst I			PHONE 720 929-6226	
SIGNATURE			DATE 09/03/2008			EMAIL Kevin.McIntyre@anadarko.com	
API NUMBER ASSIGNED 43047500980000			APPROVAL  Permit Manager				

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-27A

SECTION 27, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1022-26D TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 180' TO THE PROPOSED #1022-26D AND THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.1 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-27A
LOCATED IN UTAH COUNTY, UTAH
SECTION 27, T10S, R22E, S.L.B.&M.

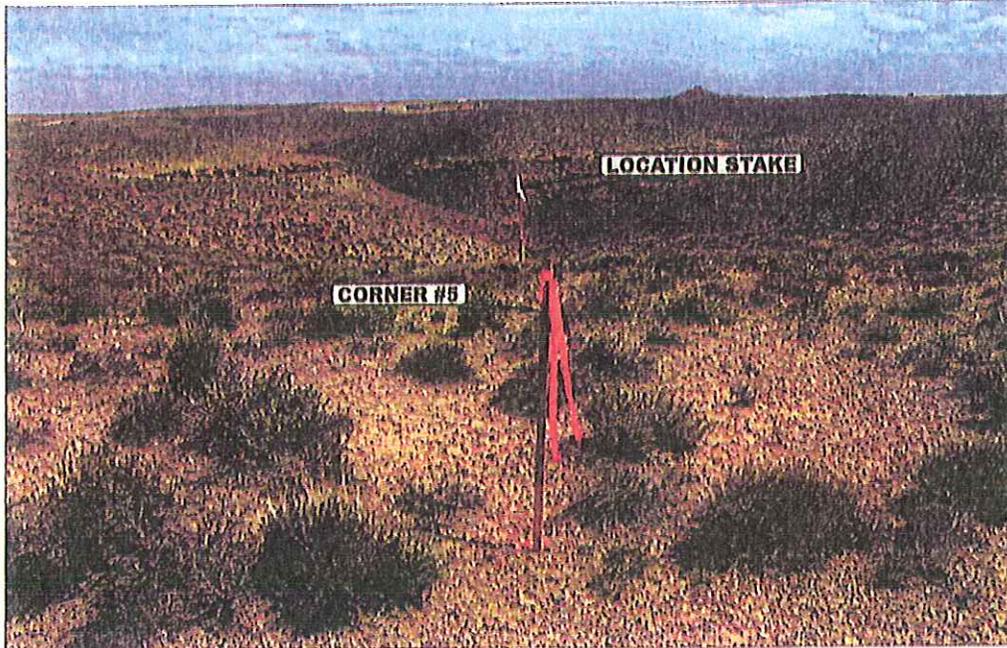


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

U E L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

05 01 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K. | DRAWN BY: C.P. | REVISED: 00-00-00

T10S, R22E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP
 Well location, NBU #1022-27A, located as shown in the NE 1/4 NE 1/4 of Section 27, T10S, R22E, S.L.B.&M., Uintah County, Utah.

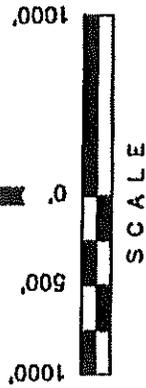
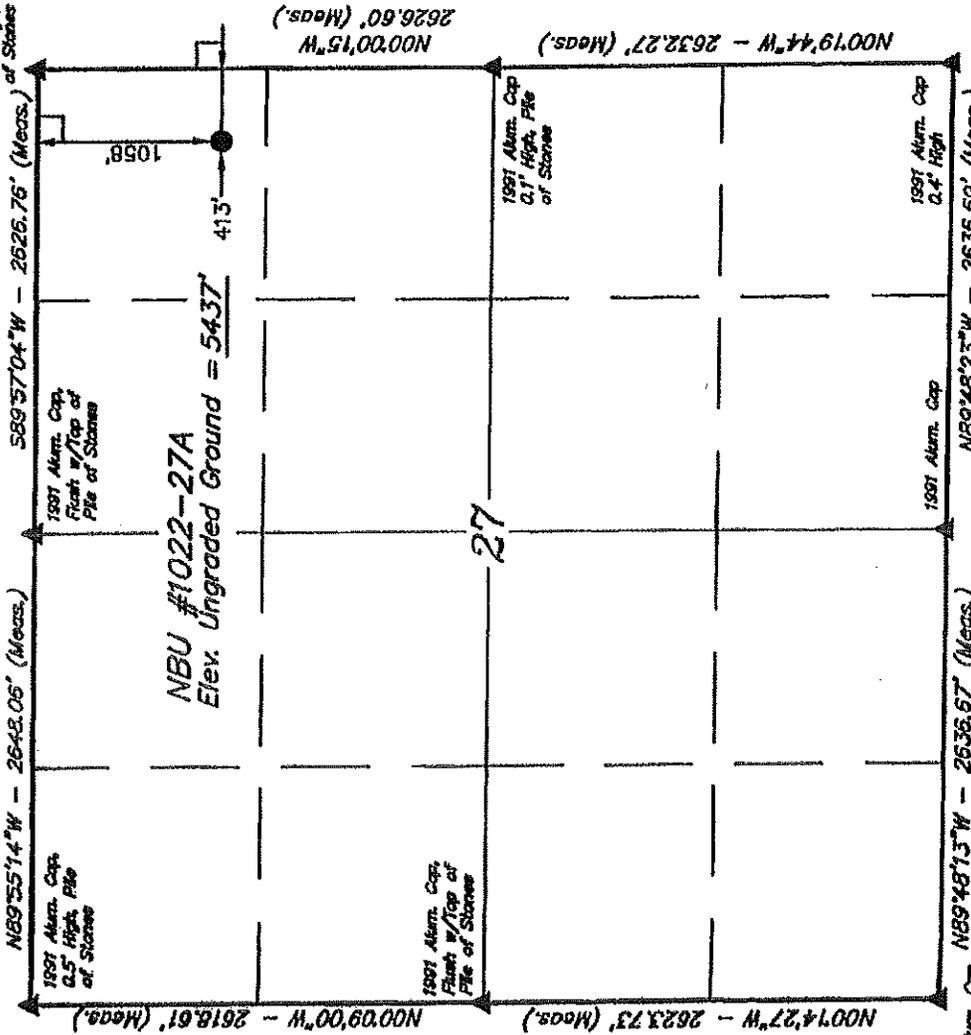
BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

1997 Alum. Cap.
0.5" High. Pile
of Stones



CERTIFIED AND SUBMITTED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE BEARINGS AND DISTANCES TO THE BEST OF MY KNOWLEDGE AND BELIEF ARE TRUE.



UINTAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078	
(435) 788-1017	
SCALE	DATE SURVEYED: 04-30-07
1" = 1000'	DATE DRAIN: 05-03-07
PARTY	REFERENCES
L.K. J.A. C.H.	G.L.O. PLAT
WEATHER	FILE
WARM	Kerr-McGee Oil & Gas Onshore LP

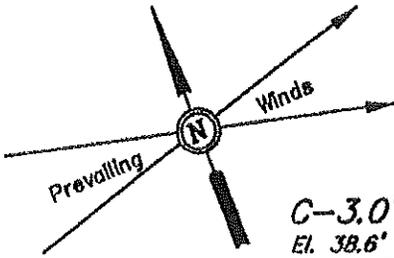
(NAD 83)
 LATITUDE = 39°55'27.03" (39.924175)
 LONGITUDE = 109°25'04.80" (109.418000)
 (NAD 27)
 LATITUDE = 39°55'27.15" (39.924208)
 LONGITUDE = 109°25'02.35" (109.417319)

LEGEND:
 L = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR
 NBU #1022-27A
 SECTION 27, T10S, R22E, S.L.B.&M.
 1058' FNL 413' FEL

Proposed Access Road



C-3.0'
 El. 38.6'

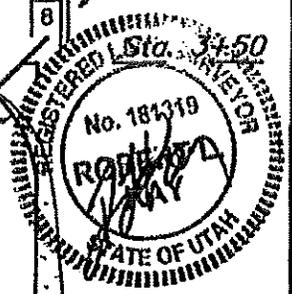
F-1.3'
 El. 34.3'

SCALE: 1" = 50'
 DATE: 05-03-07
 Drawn By: C.H.

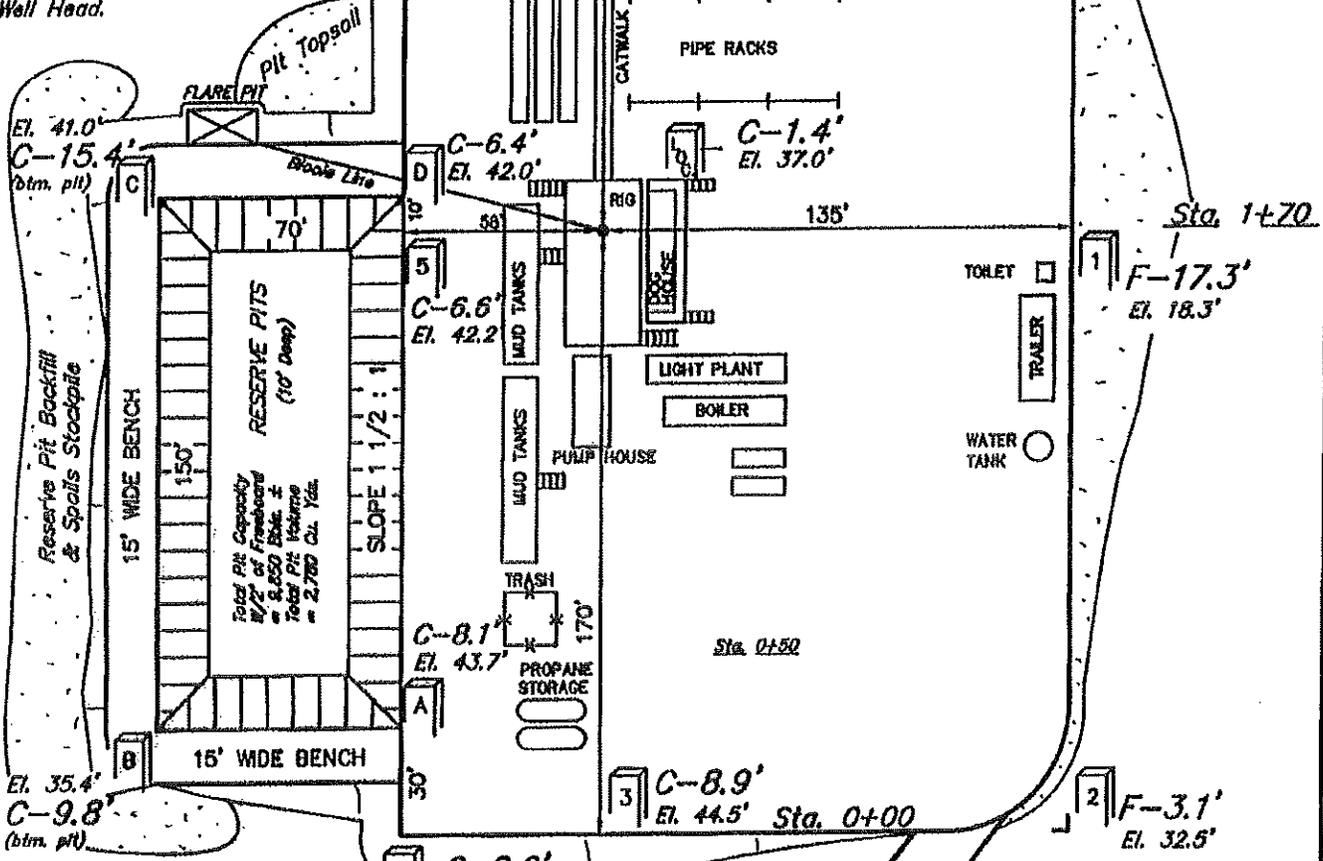
Approx. Top of Cut Slope

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Approx. Toe of Fill Slope



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5437.0'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5435.6'

Proposed Access Road For #27H

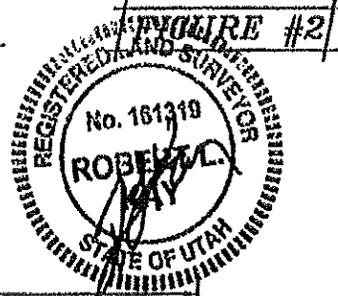
FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (435) 788-1017

Kerr-McGee Oil & Gas Onshore LP

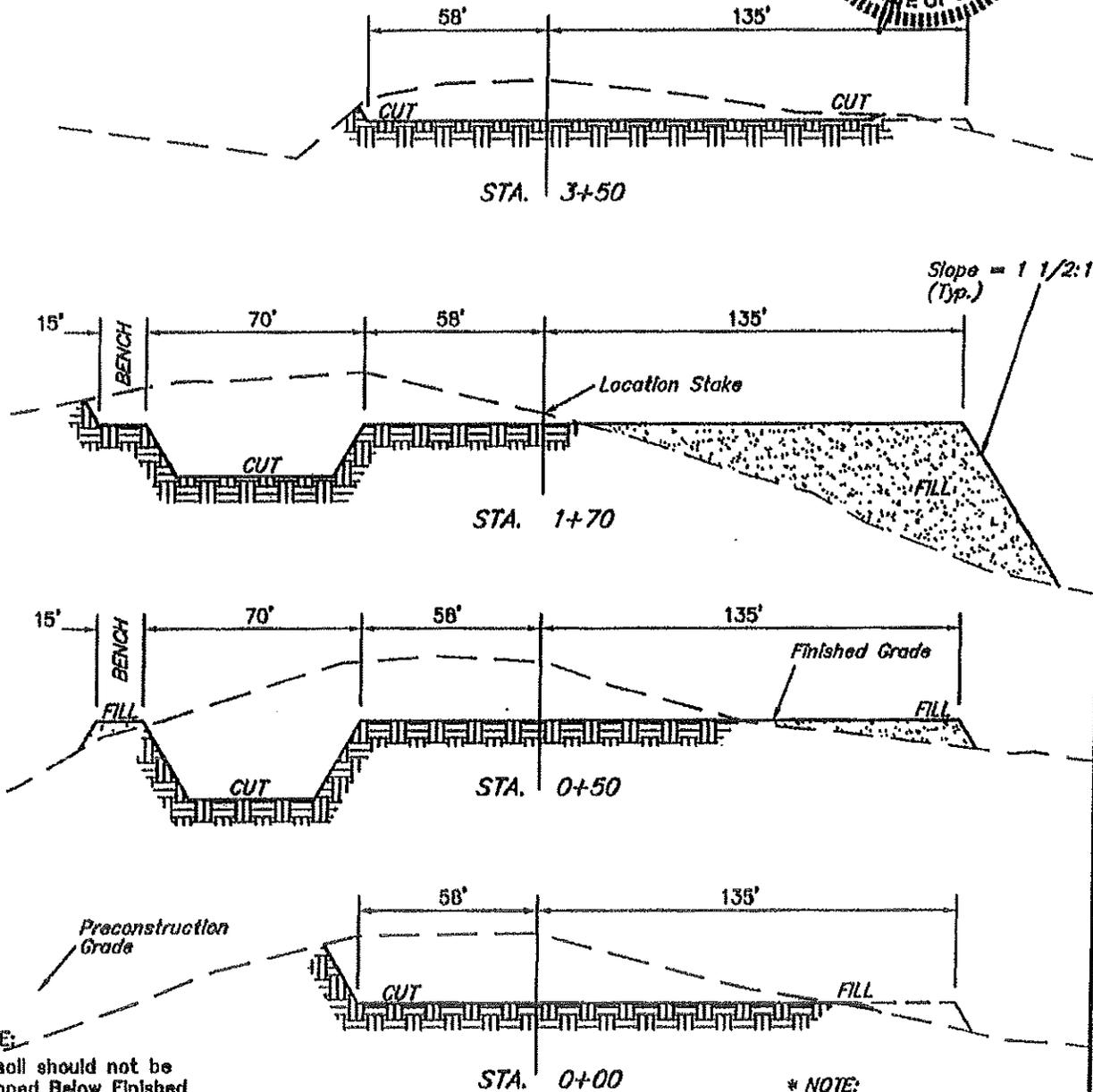
TYPICAL CROSS SECTIONS FOR

NBU #1022-27A
SECTION 27, T10S, R22E, S.L.B.&M.
1058' FNL 413' FEL



1" = 20'
X-Section
Scale
1" = 50'

DATE: 05-03-07
Drawn By: C.H.



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,780 Cu. Yds.
Remaining Location	= 10,810 Cu. Yds.
TOTAL CUT	= 12,590 CU.YDS.
FILL	= 7,740 CU.YDS.

EXCESS MATERIAL	= 4,850 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Val.)	= 3,170 Cu. Yds.
EXCESS UNBALANCE	= 1,680 Cu. Yds.
(After Interim Rehabilitation)	

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 799-1017

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-27A

PIPELINE ALIGNMENT

LOCATED IN UTAH COUNTY, UTAH

SECTION 27, T10S, R22E, S.L.B.&M.



TIE-IN POINT

PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHWESTERLY



**U
E
L
S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

- Since 1964 -

PIPELINE PHOTOS

05 01 07
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K. DRAWN BY: C.R.

REVISED: 00-00-00