

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT 

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> NBU 921-21F4S	
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES	
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NATURAL BUTTES	
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.						<b>7. OPERATOR PHONE</b> 720 929-6587	
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217						<b>9. OPERATOR E-MAIL</b> mary.mondragon@anadarko.com	
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-0576			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>	
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>	
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>	2329 FNL 708 FWL	SWNW	21	9.0 S	21.0 E	S	
<b>Top of Uppermost Producing Zone</b>	2350 FNL 2535 FWL	SENW	21	9.0 S	21.0 E	S	
<b>At Total Depth</b>	2350 FNL 2535 FWL	SENW	21	9.0 S	21.0 E	S	
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 708			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1480	
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 20			<b>26. PROPOSED DEPTH</b> MD: 10544 TVD: 10100	
<b>27. ELEVATION - GROUND LEVEL</b> 4838			<b>28. BOND NUMBER</b> WYB000291			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Permit #43-8496	
<b>ATTACHMENTS</b>							
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>							
<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			
<b>NAME</b> Kevin McIntyre			<b>TITLE</b> Regulatory Analyst I			<b>PHONE</b> 720 929-6226	
<b>SIGNATURE</b>			<b>DATE</b> 09/17/2008			<b>EMAIL</b> Kevin.McIntyre@anadarko.com	
<b>API NUMBER ASSIGNED</b> 43047501040000			<b>APPROVAL</b>  Permit Manager				

**Kerr-McGee Oil & Gas Onshore LP**  
**NBU #921-21F4S, #921-21E4T, #921-21L1S & #921-21E1S**  
**SECTION 21, T9S, R21E, 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 DIRECTION APPROXIMATELY 6.9 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 DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE EXISTING ACCESS TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 25' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.3 MILES.

# Kerr-McGee Oil & Gas Onshore LP

NBU #921-21F4S, #921-21E4T, #921-21L1S & #921-21E1S  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 21, T9S, R21E, S.L.B.&M.

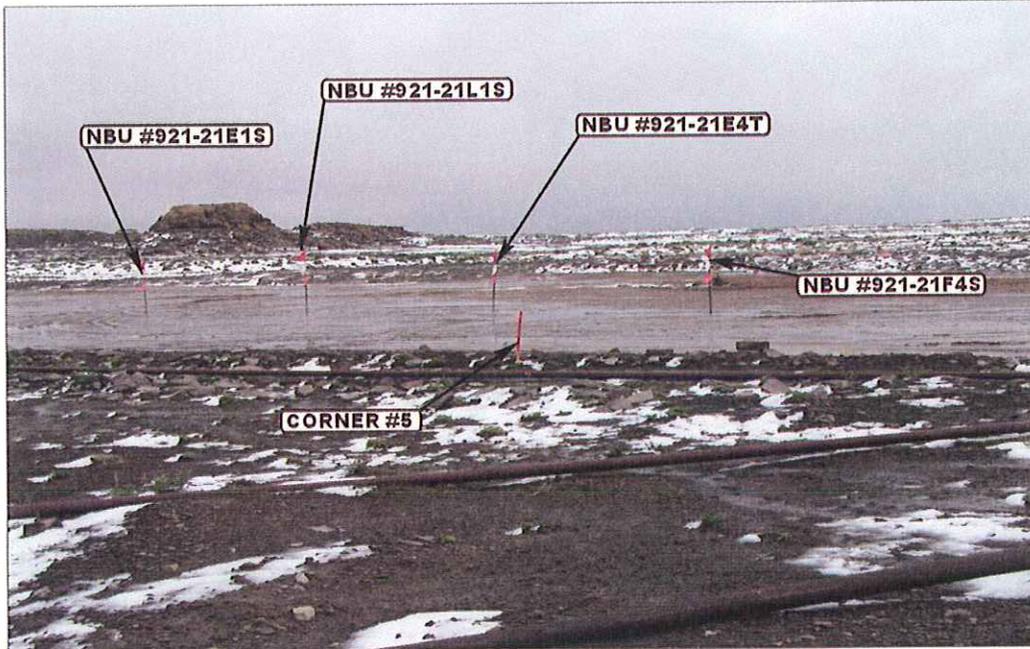


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: NORTHEASTERLY

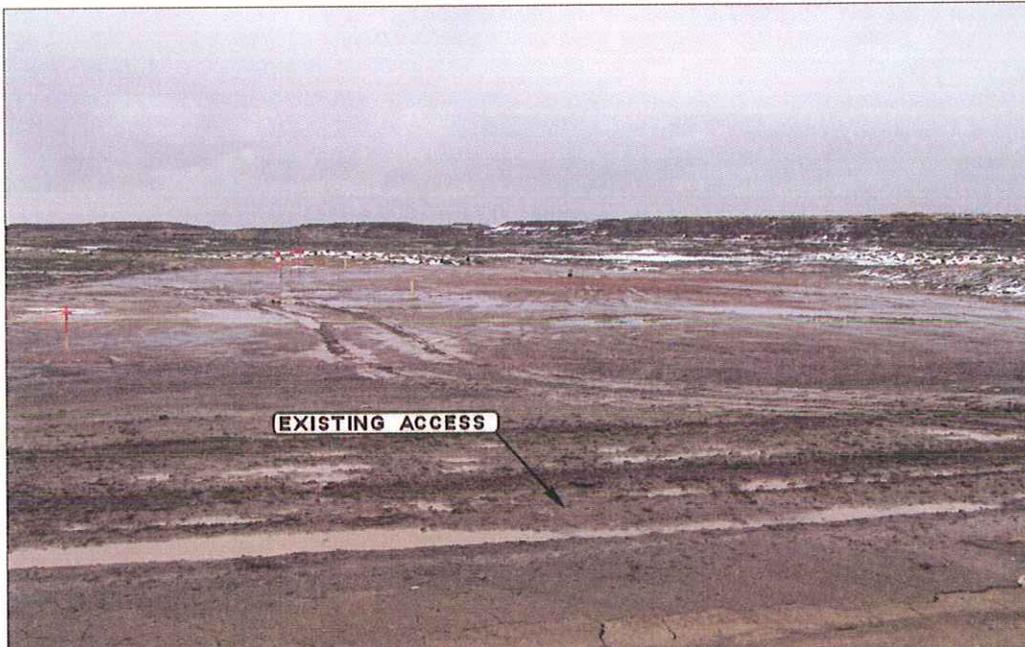


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

Since 1964

LOCATION PHOTOS			06	30	08	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: J.J.	REVISED: 00-00-00				



**Kerr-McGee Oil & Gas Onshore LP**  
 Well location, NBU #921-21F4S, located as shown in the SW 1/4 NW 1/4 of Section 21, T9S, R21E, 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, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC 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.



SCALE

**CERTIFICATE**

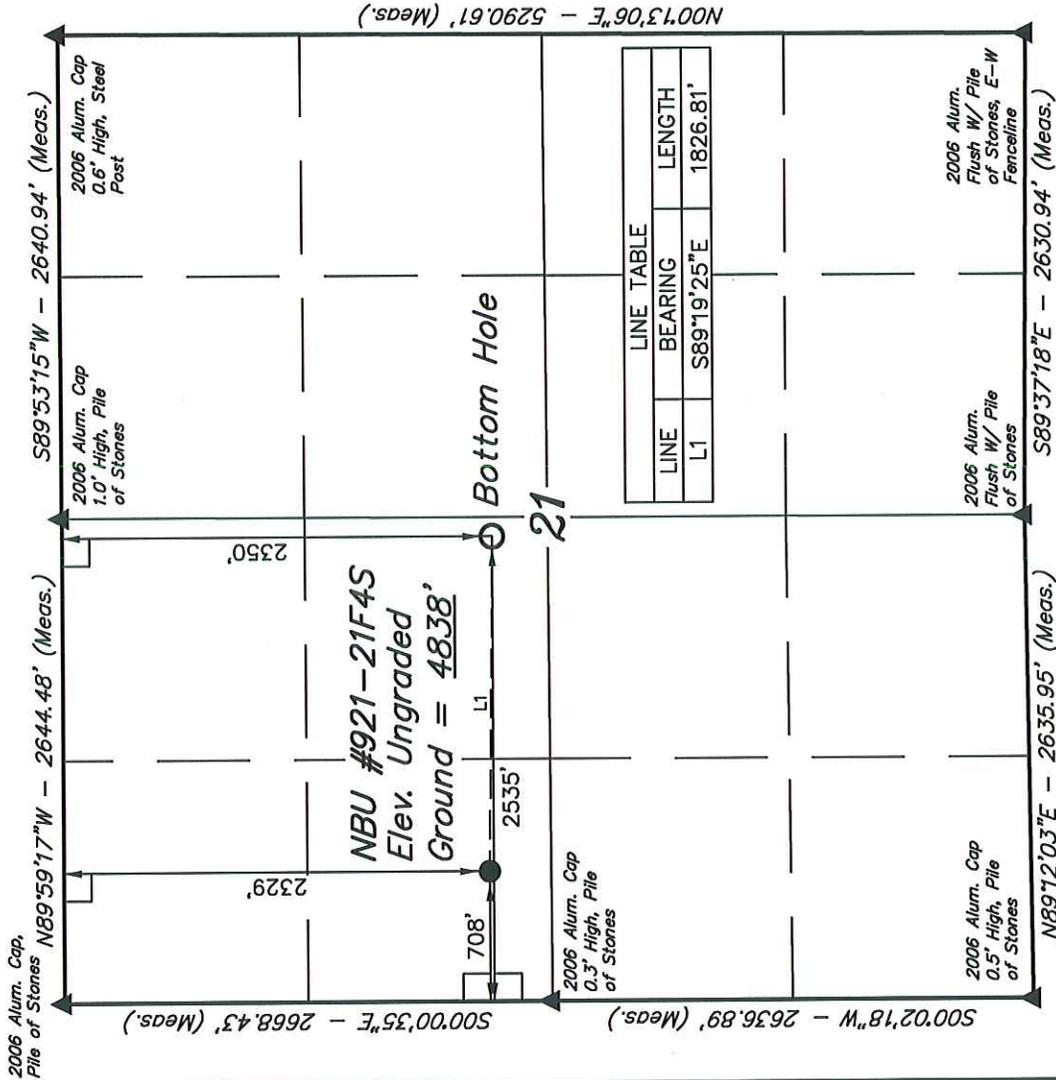
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert D. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	04-30-08	DATE DRAWN:	06-09-08
PARTY	D.K. C.K. C.C.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	Kerr-McGee Oil & Gas Onshore LP		

**T9S, R21E, S.L.B.&M.**



**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

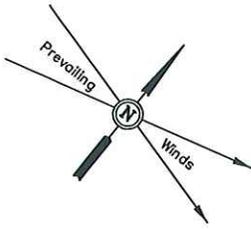
<b>NAD 83 (TARGET BOTTOM HOLE)</b>	<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°01'20.59" (40.022386)	LATITUDE = 40°01'20.78" (40.022439)
LONGITUDE = 109°33'25.60" (109.557111)	LONGITUDE = 109°33'49.08" (109.563633)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>	<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°01'20.72" (40.022422)	LATITUDE = 40°01'20.91" (40.022475)
LONGITUDE = 109°33'23.12" (109.556422)	LONGITUDE = 109°33'46.60" (109.562944)

**Kerr-McGee Oil & Gas Onshore LP**

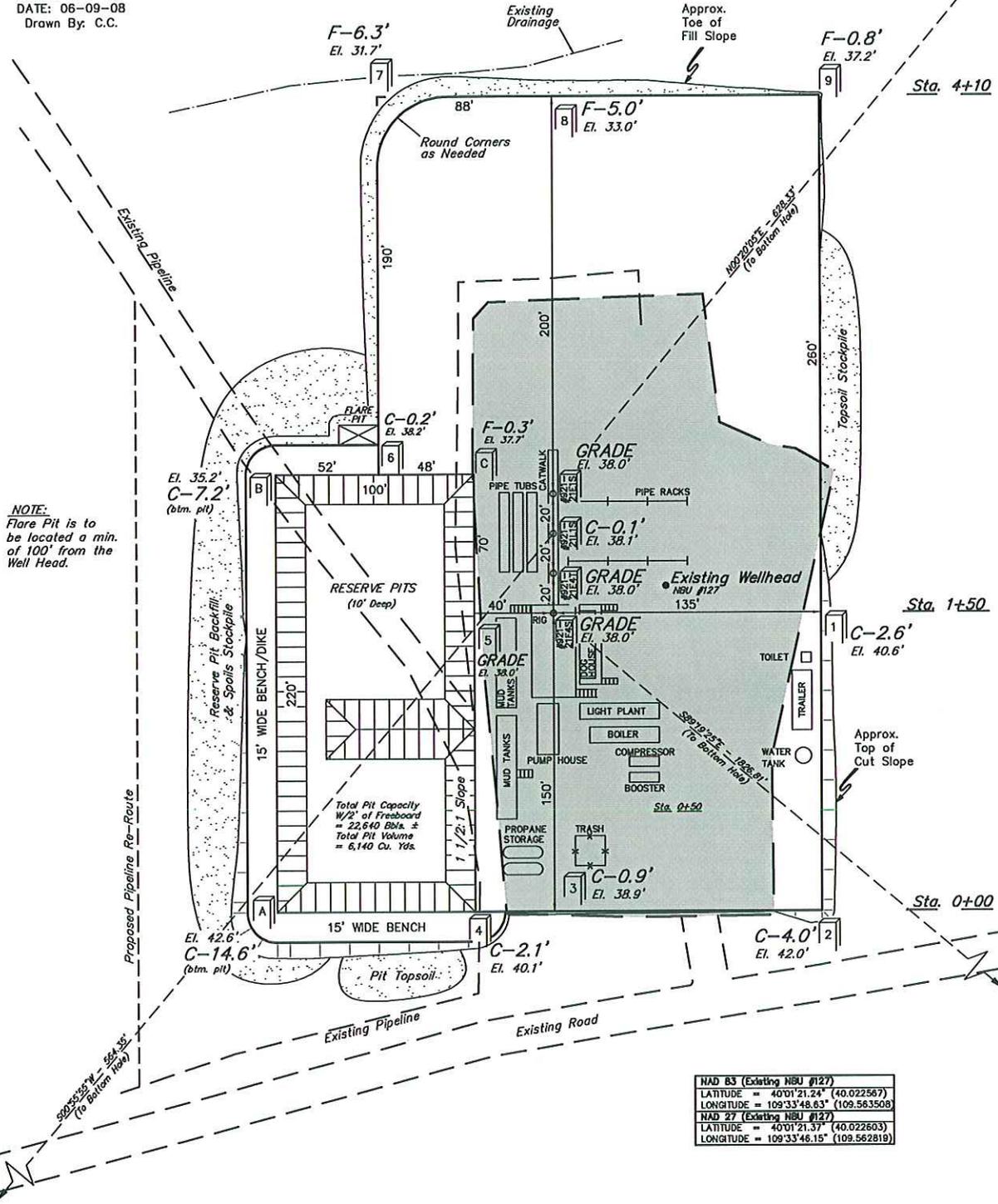
**SITE PLAN LAYOUT FOR**

NBU #921-21F4S, #921-21E4T,  
#921-21L1S & #921-21E1S  
SECTION 21, T9S, R21E, S.L.B.&M.  
SW 1/4 NW 1/4

**FIGURE #1**



SCALE: 1" = 50'  
DATE: 06-09-08  
Drawn By: C.C.



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

Total Pit Capacity  
W/2' of Freeboard  
= 22,640 Bbls. ±  
Total Pit Volume  
= 6,140 Cu. Yds.

<b>NAD 83 (Existing NBU #127)</b>	
LATITUDE =	40°01'21.24" (40.022567)
LONGITUDE =	109°33'48.63" (109.563508)
<b>NAD 27 (Existing NBU #127)</b>	
LATITUDE =	40°01'21.37" (40.022603)
LONGITUDE =	109°33'46.15" (109.562819)

**NOTES:**  
Elev. Ungraded Ground At #921-21F4S Loc. Stake = 4838.0'  
FINISHED GRADE ELEV. AT #921-21F4S LOC. STAKE = 4838.0'

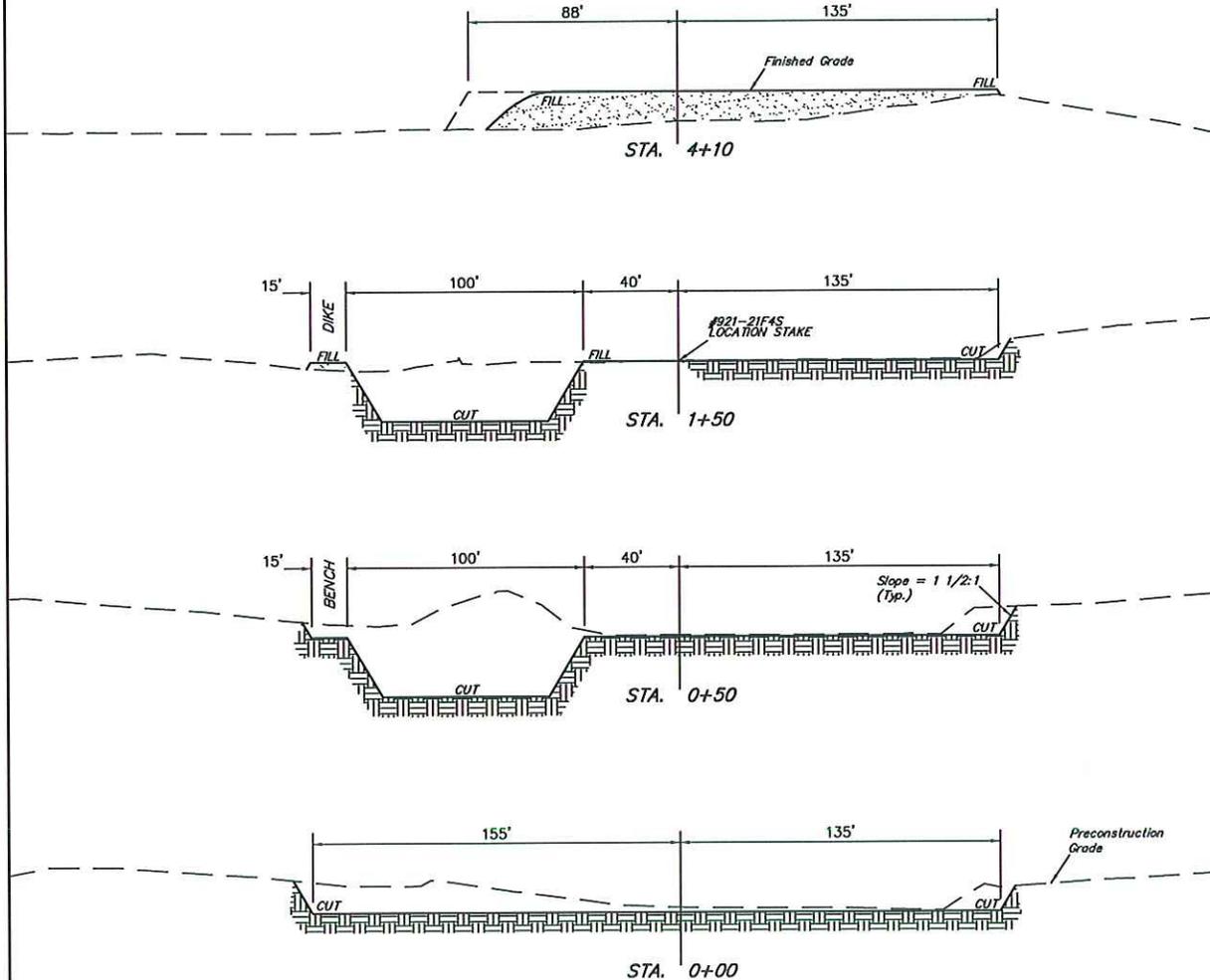
**Kerr-McGee Oil & Gas Onshore LP**

TYPICAL CROSS SECTIONS FOR

NBU #921-21F4S, #921-21E4T,  
 #921-21L1S & #921-21E1S  
 SECTION 21, T9S, R21E, S.L.B.&M.  
 SW 1/4 NW 1/4

FIGURE #2

1" = 20'  
 X-Section  
 Scale  
 1" = 50'  
 DATE: 06-09-08  
 Drawn By: C.C.



\* NOTE:  
 FILL QUANTITY INCLUDES  
 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

CUT  
 (12") Topsoil Stripping = 2,370 Cu. Yds.  
 (New Construction Only)  
 Remaining Location = 7,770 Cu. Yds.  
 TOTAL CUT = 10,140 CU.YDS.  
 FILL = 5,830 CU.YDS.

EXCESS MATERIAL = 4,310 Cu. Yds.  
 Topsoil & Pit Backfill = 5,440 Cu. Yds.  
 (1/2 Pit Vol.)  
 DEFECIT UNBALANCE = <1,130> Cu. Yds.  
 (After Interim Rehabilitation)