

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ST UO 15630	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Unit 891008900A	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		9. WELL NAME and NUMBER: NBU 921-33F SWD	
3. ADDRESS OF OPERATOR: P.O. Box 173779 Denver Colorado 80217-3779		PHONE NUMBER: 720-929-6226	10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1762' FNL & 1755' FWL LAT 39.994944 LON -109.559158 (NAD 27) AT PROPOSED PRODUCING ZONE: N/A		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW Sec. 33 T 9 S - R 21 E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.8 miles east of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1755'	16. NUMBER OF ACRES IN LEASE: 285.29	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 100'	19. PROPOSED DEPTH: 2200'	20. BOND DESCRIPTION: RLB0005237	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4954' GR	22. APPROXIMATE DATE WORK WILL START: ASAP	23. ESTIMATED DURATION: 10 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8" J-55 36#	2200'	Premium Cement 140 sx 3.82 11.0
			Premium Cement 360 sx 1.18 15.6

25. 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 checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Kevin McIntyre TITLE Regulatory Analyst I

SIGNATURE  DATE July 23, 2008

(This space for State use only)

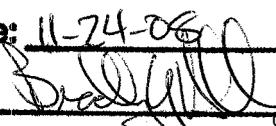
API NUMBER ASSIGNED: 43-047-40253

(11/2001)

**Approved by the
Utah Division of
Oil, Gas and Mining**

APPROVAL:

Date: 11-24-08

By: 

RECEIVED

JUL 25 2008

DIV. OF OIL, GAS & MINING

UT Form 3 APD Updated UDOGM 2-2008.xls Utah APD Form 3

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

Kerr-McGee Oil & Gas Onshore LP.

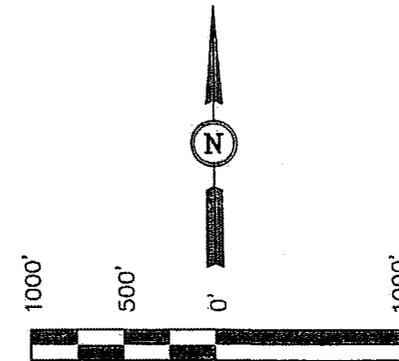
Well location, NBU #921-33F SWD, located as shown in the SE 1/4 NW 1/4 of Section 33, T9S, R21E, S.L.B.&M. Uintah County, Utah.

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

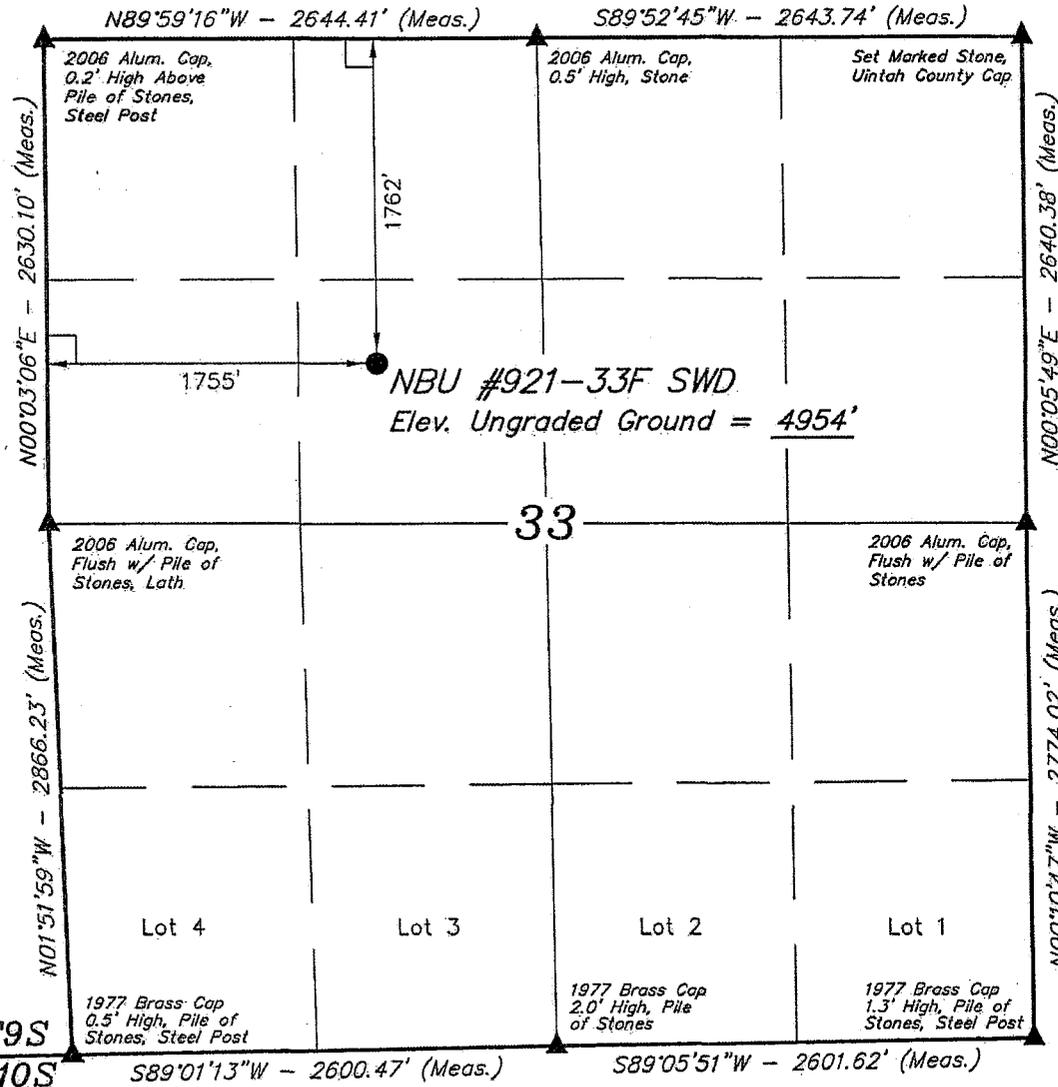
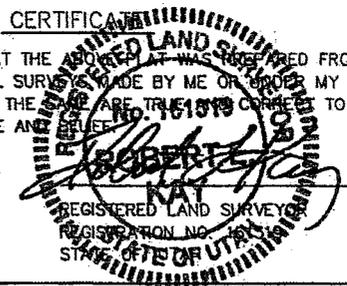
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATION

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



T9S

T10S

LEGEND:

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

(NAD 83)
 LATITUDE = 39°59'41.67" (39.994908)
 LONGITUDE = 109°33'35.45" (109.559847)

(NAD 27)
 LATITUDE = 39°59'41.80" (39.994944)
 LONGITUDE = 109°33'32.97" (109.559158)

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

SCALE 1" = 1000'	DATE SURVEYED: 1-4-07	DATE DRAWN: 1-12-07
PARTY L.K. J.M. K.G.		REFERENCES G.L.O. PLAT
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 921-33F SWD
SENW, SEC. 33, T9S, R21E
UINTAH COUNTY, UTAH
ST UO-15630**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1514'
Base of Upper Confining	1645'
Top of Lower Confining	1970'
Base of Lower Confining	2044'
TD	2200'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1514'
Water	Base of Upper Confining	1645'
Water	Top of Lower Confining	1970'
Water	Base of Lwr Confining	2044'
Gas	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Not Applicable. Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Air Mist/Aerated Water. Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

None Anticipated.

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.

NBU 921-33F SWD
SENW SEC 33-T9S-R21E
Uintah County, UT
ST UO 15630

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

The existing road for the NBU 921-33F will be utilized. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

No new access road is proposed. Refer to Topo Map B for the location of the existing access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

No new pipeline, as this is a SWD location. No TOPO D attached.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. CIGE 112D SWD – SESE, SECTION 19, T9S, R21E, NBU 47N2 SWD – SESW, SECTION 30, T10S, R22E, NBU 159 SWD – NESW, SECTION 35, T9S, R21E, NBU 347 – NWSW, SECTION 11, T10S, R22E, Ouray #1 SWD – NENE SECTION 1, T9S, R21E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface/Mineral Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and will be submitted.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Kevin McIntyre
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO BOX 173779
Denver, CO 80217-3779
(720) 929-6226

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

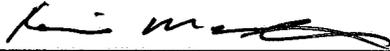
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Kevin McIntyre
Regulatory Analyst

7/23/2008

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-33F SWD

SECTION 33, 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 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY 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 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND THE EXISTING ACCESS ROAD TO THE #438 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 50' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.0 MILES.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE July 28, 2008
 WELL NAME NBU 921-33F SWD TD 2,200' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,954' GL KB NA
 SURFACE LOCATION SE/NW SEC. 33, T9S, R21E 1762'FNL, 1755'FWL BHL Straight Hole
 Latitude: 39.994944 Longitude: -109.559158 NAD 27
 OBJECTIVE ZONE(S) Bird's Nest (Base of Lower Confining)
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9 5/8", 36#, J55, STC	Air mist Aerated water
	Green River @	1,514			
	Base of Upper Confining @	1,645			
	Top of Lower Confining @	1,970			
	Base of Lower Confining @	2,044			
	Preset ff GL @				
		2200 MD			

Either open hole or cased hole logs will be run f/TD - surface

Max anticipated
 Mud required
 8.4 ppg



**KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	394000
SURFACE	9 5/8"	0 to 2200	36.00	J-55	STC	7.38	1.96	5.68

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE						
LEAD	1200	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	140	35%	11.00	3.82
TAIL	1000	Premium cmt + 2% CaCl +.25 pps flocele	360	35%	15.60	1.18
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
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ADDITIONAL INFORMATION

Drilling will be done utilizing a small air rig. An air hammer will be utilized to approximately 1000', tripped, and replaced by a tricone which will TD the well.

No BOPE will be utilized other than a rotating head as there is no potential for hydrocarbons. This type of equipment drills all of our existing surface casing presets for our typical Wasatch/Mesaverde development.

DRILLING ENGINEER: _____

Steve McPherson

DATE: _____

DRILLING SUPERINTENDENT: _____

Randy Bayne NBU 921-33F SWD.xls

DATE: _____

Kerr-McGee Oil & Gas Onshore LP
NBU #921-33F SWD
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 33, T9S, R21E, S.L.B.&M.

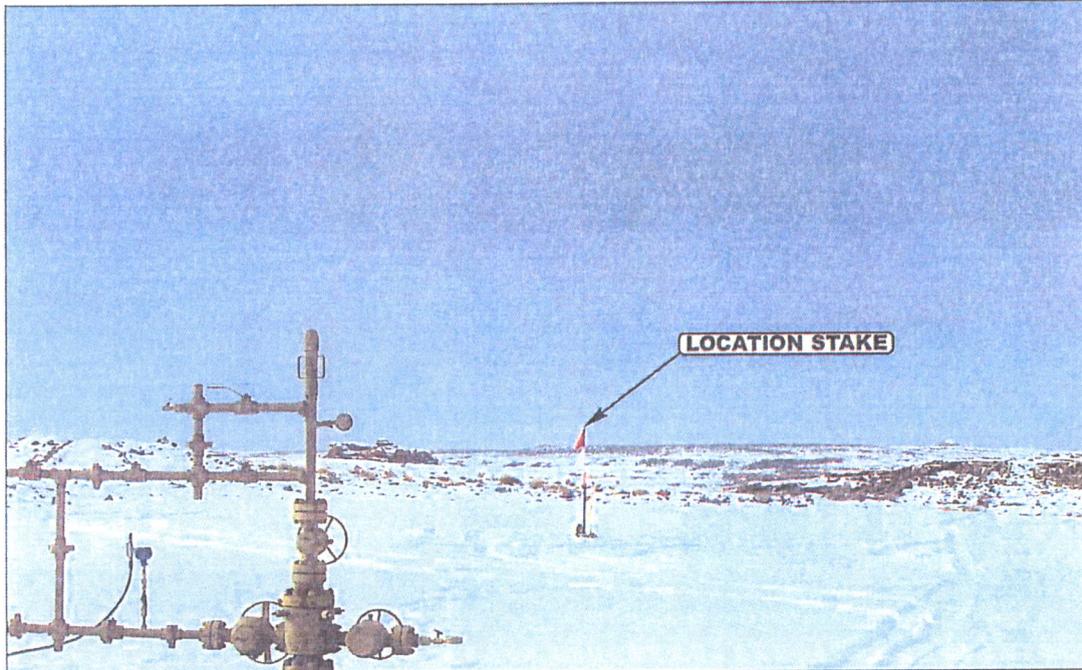


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

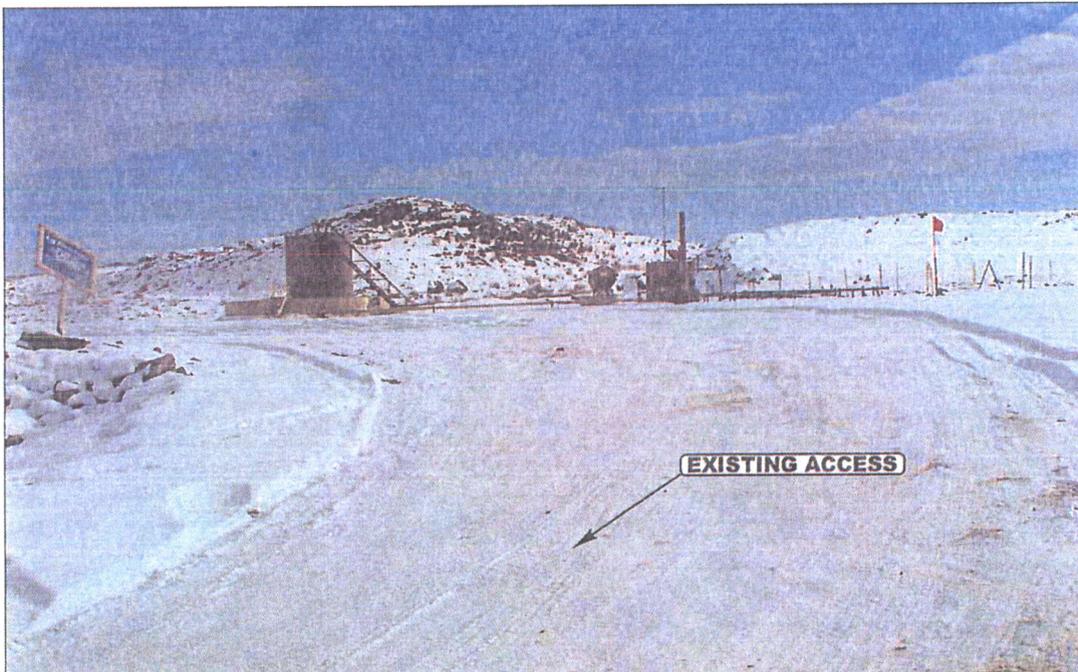


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

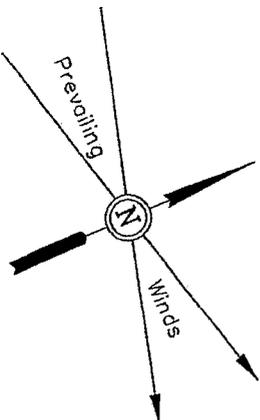
UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS			01	05	07	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: L.K.	REVISED: 00-00-00				

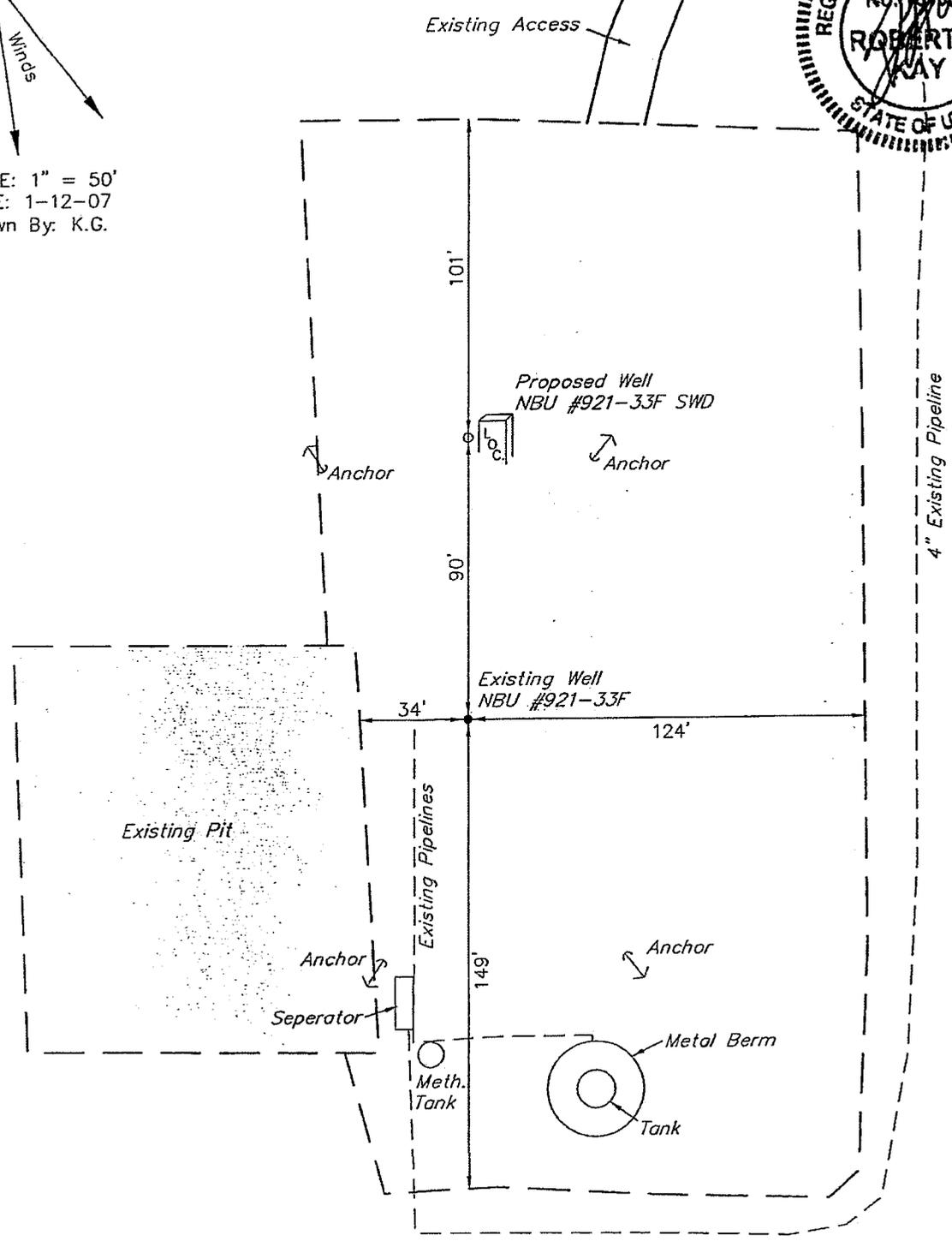
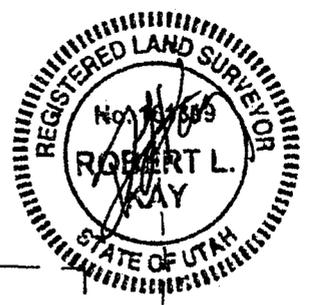
Kerr-McGee Oil & Gas Onshore LP

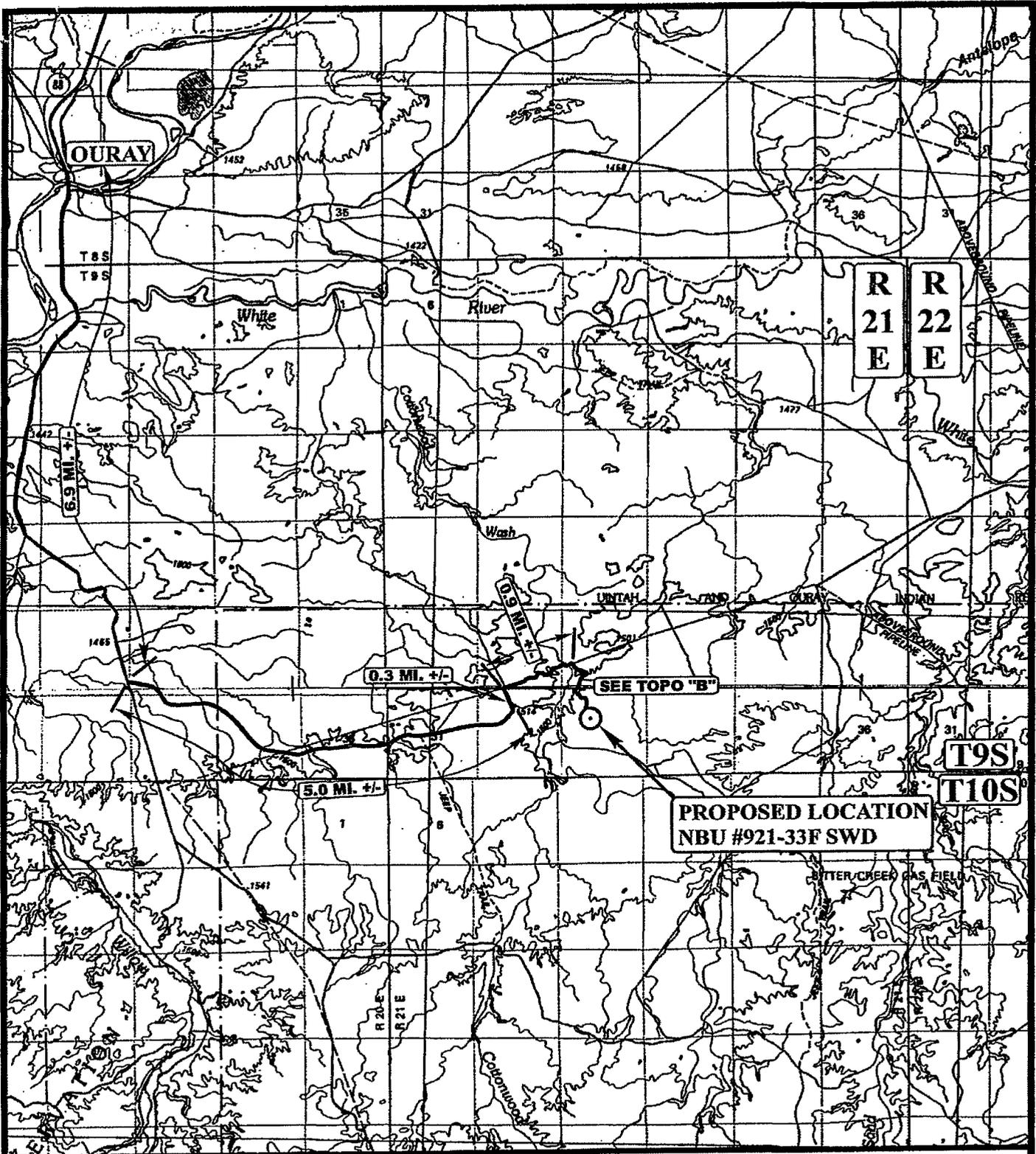
LOCATION LAYOUT FOR

NBU #921-33F SWD
SECTION 33, T9S, R21E, S.L.B.&M.
1762' FNL 1755' FEL



SCALE: 1" = 50'
DATE: 1-12-07
Drawn By: K.G.





LEGEND:

○ PROPOSED LOCATION

N



Kerr-McGee Oil & Gas Onshore LP

NBU #921-33F SWD
SECTION 33, T9S, R21E, S.L.B.&M.
1762' FNL 1755' FWL



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

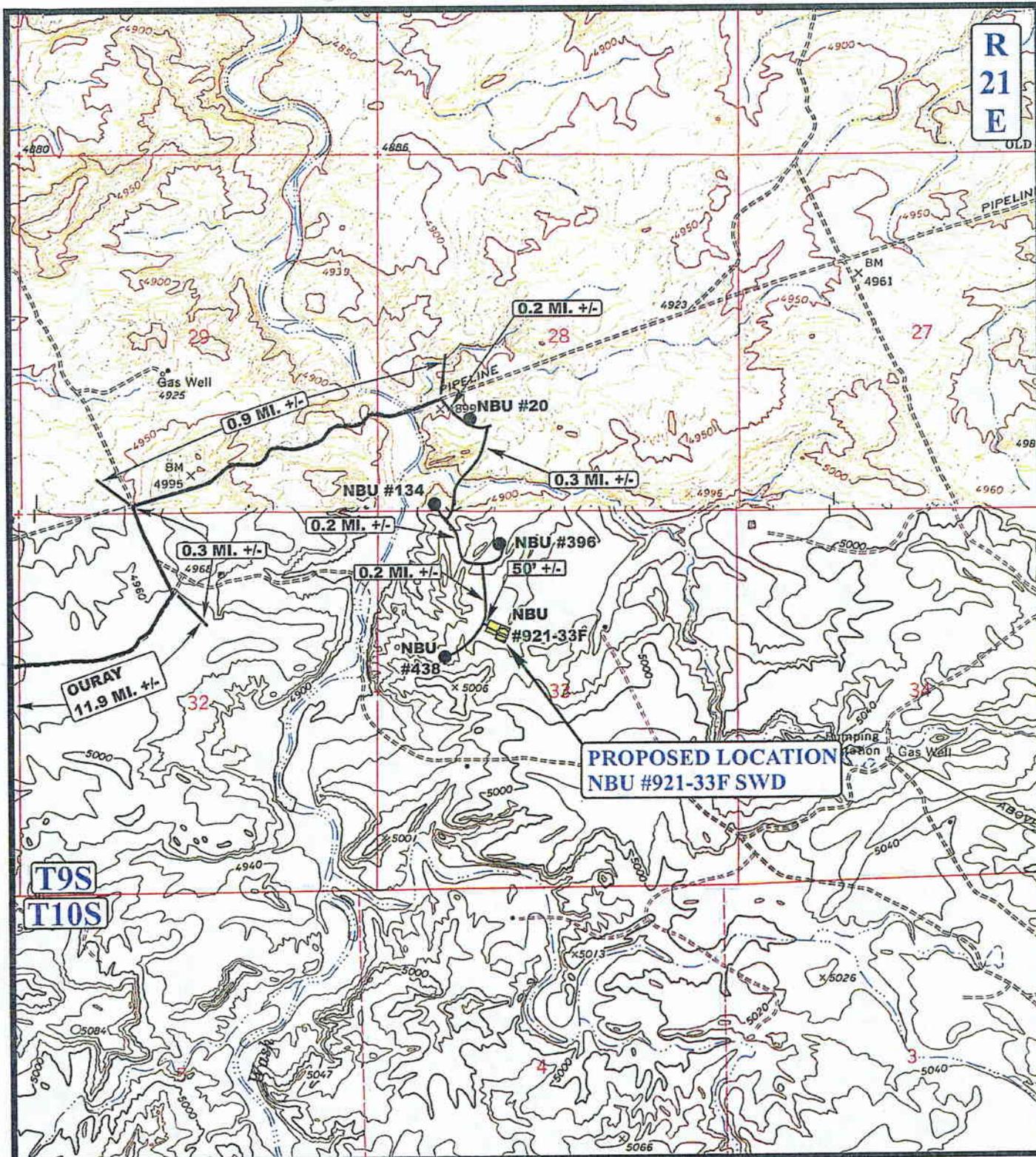
TOPOGRAPHIC
MAP

01 05 07
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00

TOPO



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #921-33F SWD
 SECTION 33, T9S, R21E, S.L.B.&M.
 1762' FNL 1755' FWL



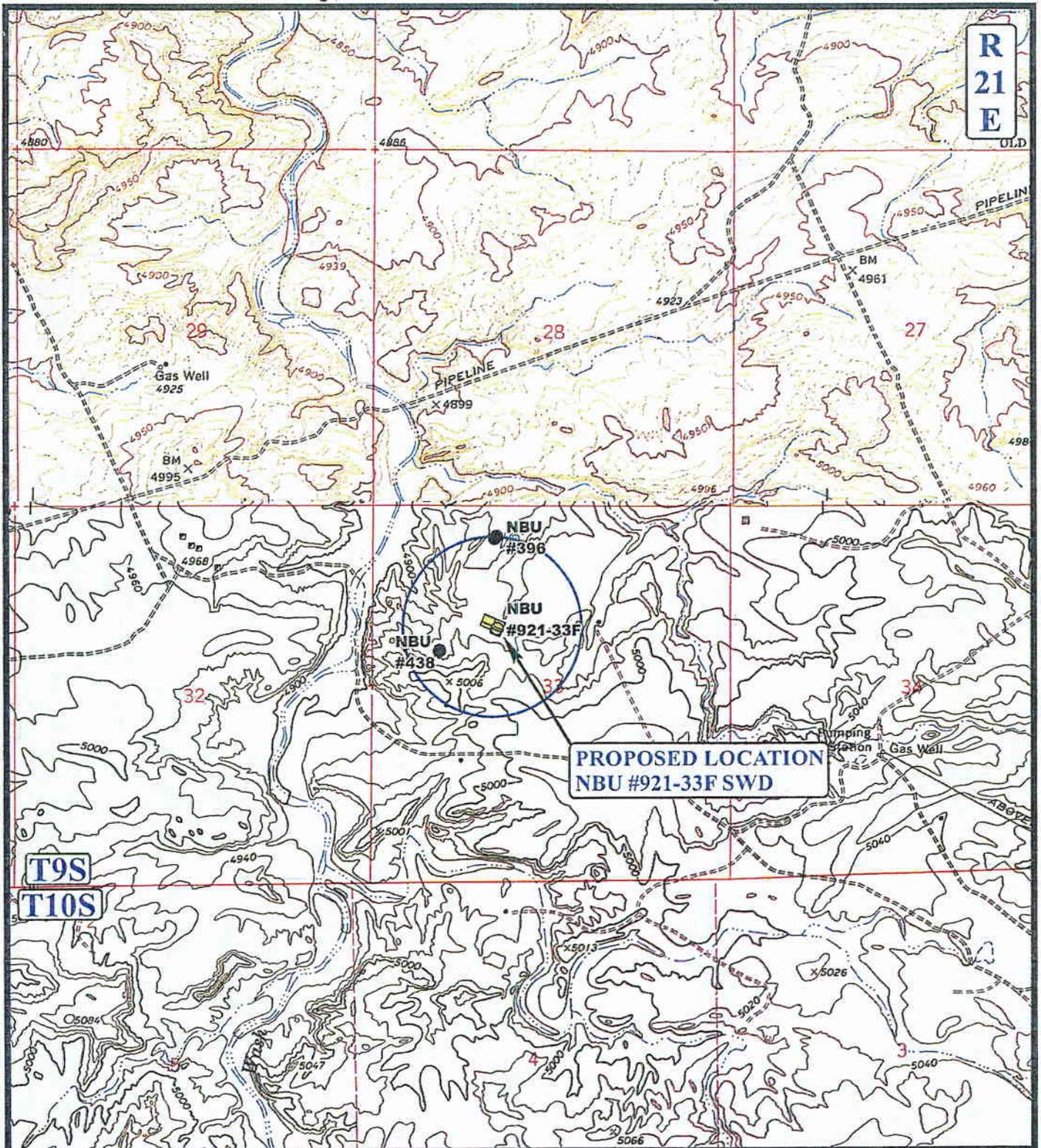
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

01	05	07
MONTH	DAY	YEAR



SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00



**R
21
E**
O.L.D.

**T9S
T10S**

**PROPOSED LOCATION
NBU #921-33F SWD**

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS |
| ⊖ SHUT IN WELLS | ⊖ TEMPORARILY ABANDONED |



Kerr-McGee Oil & Gas Onshore LP

**NBU #921-33F SWD
SECTION 33, T9S, R21E, S.L.B.&M.
1762' FNL 1755' FWL**



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

TOPOGRAPHIC MAP **01 05 07**
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/25/2008

API NO. ASSIGNED: 43-047-40253

WELL NAME: NBU 921-33F SWD
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: KEVIN MCINTYRE

PHONE NUMBER: 720-929-6226

PROPOSED LOCATION:

SENW 33 090S 210E
 SURFACE: 1762 FNL 1755 FWL
 BOTTOM: 1762 FNL 1755 FWL
 COUNTY: UINTAH
 LATITUDE: 39.99493 LONGITUDE: -109.5590
 UTM SURF EASTINGS: 623017 NORTHINGS: 4427979
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKCD	9/30/08
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ST UO 15630
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRVU
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 22013542)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

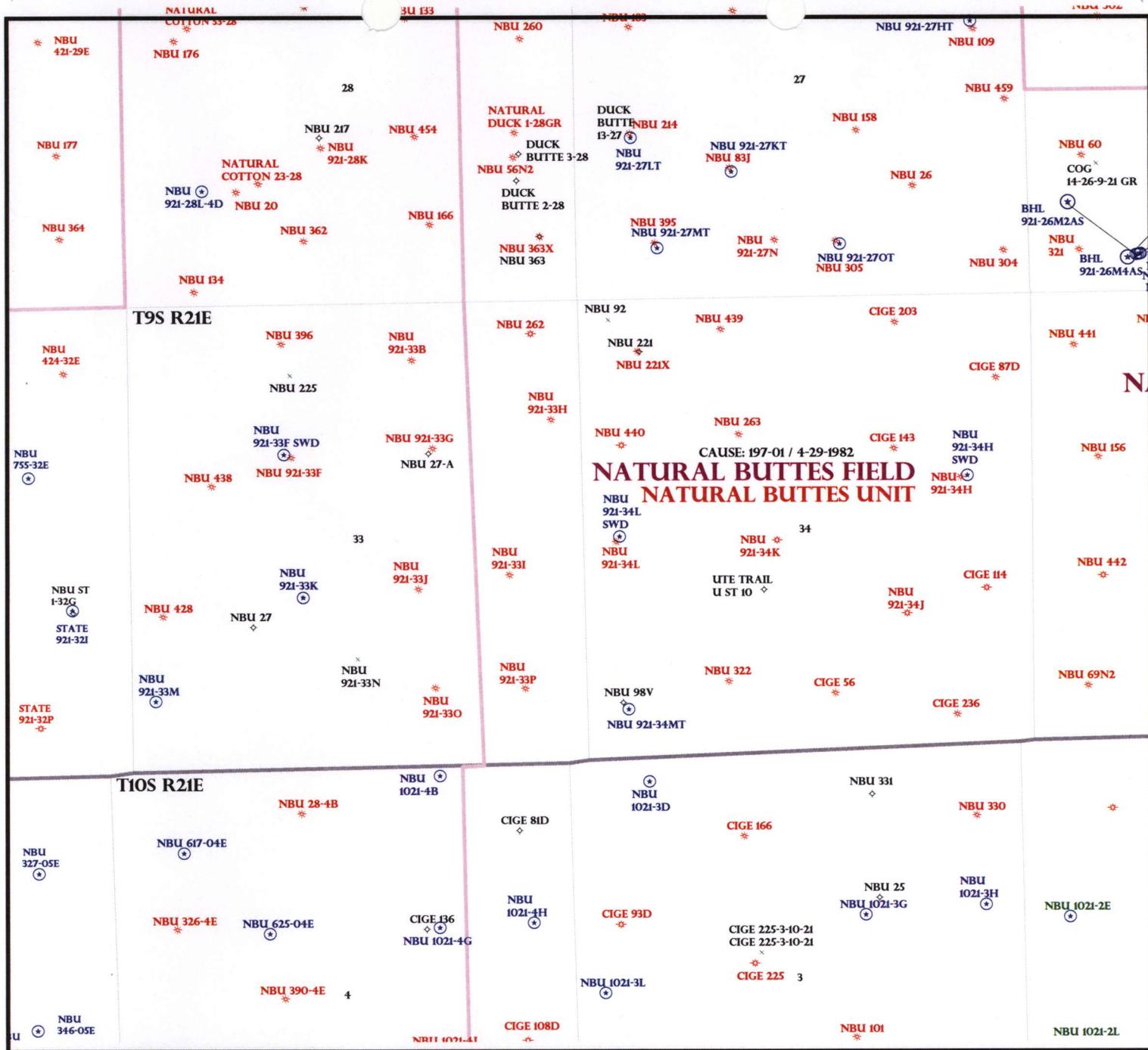
- _____ R649-2-3.
- Unit: NATURAL BUTTES * NEW PA
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- _____ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (08-26-08)

STIPULATIONS:

- 1- STATEMENT OF BASIS
- 2- OIL SHALE
- 3- Surface Csg Cont Stop



**NATURAL BUTTES FIELD
NATURAL BUTTES UNIT**

CAUSE: 197-01 / 4-29-1982

OPERATOR: KERR MCGEE O&G (N2995)
 SEC: 33,34 T.9S R. 21E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 197-01 / 4-29-1982

- Wells Status**
- ⊗ GAS INJECTION
 - ⊕ GAS STORAGE
 - ⊘ LOCATION ABANDONED
 - ⊙ NEW LOCATION
 - ⊛ PLUGGED & ABANDONED
 - ⊕ PRODUCING GAS
 - PRODUCING OIL
 - ⊖ SHUT-IN GAS
 - ⊖ SHUT-IN OIL
 - ⊗ TEMP. ABANDONED
 - TEST WELL
 - △ WATER INJECTION
 - ⊕ WATER SUPPLY
 - ⊖ WATER DISPOSAL
 - ⊕ DRILLING

- Field Status**
- ⬜ ABANDONED
 - ⬜ ACTIVE
 - ⬜ COMBINED
 - ⬜ INACTIVE
 - ⬜ PROPOSED
 - ⬜ STORAGE
 - ⬜ TERMINATED

- Unit Status**
- ⬜ EXPLORATORY
 - ⬜ GAS STORAGE
 - ⬜ NF PP OIL
 - ⬜ NF SECONDARY
 - ⬜ PENDING
 - ⬜ PI OIL
 - ⬜ PP GAS
 - ⬜ PP GEOTHERML
 - ⬜ PP OIL
 - ⬜ SECONDARY
 - ⬜ TERMINATED



PREPARED BY: DIANA MASON
 DATE: 29-JULY-2008

Application for Permit to Drill

Statement of Basis

9/8/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
893	43-047-40253-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.		Surface Owner-APD		
Well Name	NBU 921-33F SWD	Unit	NATURAL BUTTES		
Field	NATURAL BUTTES		Type of Work		
Location	SENW 33 9S 21E S 1762 FNL 1755 FWL GPS Coord (UTM) 623017E 4427979N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,200' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,600'. A search of Division of Water Rights records shows two water wells within a 10,000 foot radius of the center of Section 33. The wells are listed as 200 and 2,640 feet deep and used for oilfield drilling water. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect. Any usable ground water.

Brad Hill
APD Evaluator

9/8/2008
Date / Time

Surface Statement of Basis

The NBU 921-33F SWD is a water disposal well to be drilled on the existing pad of the NBU 921-33F which is a producing gas well. No enlargement is planned to the existing pad. The well will be drilled using an air drill, which will not require a drilling fluid reserve pit. The existing pad is stable and no surface problems should be encountered in drilling the proposed well.

Jim Davis and Kurt Higgins represented SITLA at the site review. They had no concerns regarding the proposal.

Floyd Bartlett
Onsite Evaluator

8/26/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
	None

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, L.P.
Well Name NBU 921-33F SWD
API Number 43-047-40253-0 **APD No** 893 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 SENW **Sec** 33 **Tw** 9S **Rng** 21E 1762 FNL 1755 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ramie Hoopes (Kerr McGee), Jim Davis and Kurt Higgins (SITLA), David Kay (ULES), Ben Williams and Pat Rainbolt (UDWR)

Regional/Local Setting & Topography

The NBU 921-33F SWD is a water disposal well to be drilled on the existing pad of the NBU 921-33F which is a producing gas well. No enlargement is planned to the existing pad. The well will be drilled using an air drill, which will not require a drilling fluid reserve pit. The existing pad is stable and no surface problems should be encountered in drilling the proposed well.

Jim Davis and Kurt Higgins represented SITLA at the site review. They had no concerns regarding the proposal.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road

Miles	Well Pad	Length	Src Const Material	Surface Formation
	Width			

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland

Flora / Fauna

Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diversion Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?

Paleo Potential Observed?

Cultural Survey Run?

Cultural Resources?

Reserve Pit

Site-Specific Factors

- Distance to Groundwater (feet)**
- Distance to Surface Water (feet)**
- Dist. Nearest Municipal Well (ft)**
- Distance to Other Wells (feet)**
- Native Soil Type**
- Fluid Type**
- Drill Cuttings**
- Annual Precipitation (inches)**
- Affected Populations**
- Presence Nearby Utility Conduits**

Site Ranking

Final Score

Sensitivity Level

Characteristics / Requirements

Closed Loop Mud Required?

Liner Required?

Liner Thickness

Pit Underlayment Required?

Other Observations / Comments

Floyd Bartlett
Evaluator

8/26/2008
Date / Time

43047402530000 NBU 921-33F SWD

Casing Schematic

Surface

15 1/2"

Uenta

TOC @ 537.

to surf w/ 7%, tail 1215'
* STOP ✓

✓ Stop surf. cont.

- 1464' tail
- 1514' Green River
- 1600' ± BMS W
- 1645' Base Upper Confining

- 1970' Top Lower Confining
- 2044' Base Lower Confining

9-5/8"
MW 8.3
Frac 19.3

Surface
2200. MD

Well name:	43047402530000 NBU 921-33F SWD		
Operator:	Kerr McGee Oil & Gas Onshore L.P.		
String type:	Surface	Project ID:	43-047-40253-0000
Location:	Uintah County, Utah		

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,936 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 2,200 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor: 1.125

Burst:
Design factor: 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,929 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 106 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,300 ft

Cement top: 537 ft

Completion type is subs
Non-directional string.

Re subsequent strings:
Next setting depth: 9,200 ft
Next mud weight: 11.500 ppg
Next setting BHP: 5,496 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,200 ft
Injection pressure: 2,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2200	9.625	36.00	J-55	ST&C	2200	2200	8.796	954.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	952	2020	2.122	2200	3520	1.60	69	394	5.67 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: September 22, 2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

BOPE REVIEW

Kerr-McGee NBU 921-33F SWD API 43-047-40253-0000

INPUT

Well Name

Kerr-McGee NBU 921-33F SWD API 43-047-40253-0000			
String 1	String 2		
9 5/8			
2200			
40	2200		
8.4			
500			
3520			
697	#VALUE!	ppg	

Casing Size (")
 Setting Depth (TVD)
 Previous Shoe Setting Depth (TVD)
 Max Mud Weight (ppg)
 BOPE Proposed (psi)
 Casing Internal Yield (psi)
 Operators Max Anticipated Pressure (psi)

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	961	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	697	BOPE Adequate For Drilling And Setting Casing at Depth? NO OK Air Drill to surface shoe with diverter
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	477	YES
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	486	*Can Full Expected Pressure Be Held At Previous Shoe? NO <i>Reasonable depth in area - no expected pressures</i>
Required Casing/BOPE Test Pressure		2200 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	"	
Max BHP [psi]	.052*Setting Depth*MW =	#VALUE!	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	#VALUE!	BOPE Adequate For Drilling And Setting Casing at Depth? #VALUE!
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	#VALUE!	#VALUE!
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	#VALUE!	*Can Full Expected Pressure Be Held At Previous Shoe? #VALUE!
Required Casing/BOPE Test Pressure		#VALUE! psi	
*Max Pressure Allowed @ Previous Casing Shoe =		#VALUE! psi	*Assumes 1psi/ft frac gradient



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

OCT 03 2008

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Grizz Oleen
Kerr McGee Oil and Gas Onshore, LP
1368 South 1200 East
Vernal, UT 84078

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

43 047 40253
95 21E 33

Re: FINAL Permit
EPA UIC Permit UT21143-07788
Well: NBU 921-33F SWD
Uintah County, UT

Dear Mr. Oleen:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed NBU 921-33F SWD injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on AUG 15 2008. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at <http://www.epa.gov/safewater/uic/reportingforms.html>. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III,



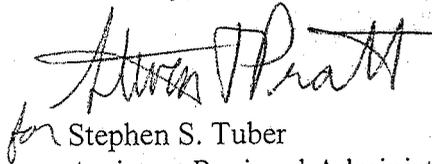
OCT 16 2008

DIV. OF OIL, GAS & MINING

Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Chuck Tinsley of my staff at (303) 312-6266, or toll-free at (800) 227-8917, ext. 312-6266.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis
Form 7520-7 Application to Transfer Permit
Form 7520-11 Monitoring Report
Form 7520-14 Plugging Plan
Form 7520-12 Well Rework Record
Groundwater Section Guidance 34
Groundwater Section Guidance 35
Groundwater Section Guidance 37
Groundwater Section Guidance 39

cc: Gil Hunt, Utah Division of Oil Gas and Mining
Matt Baker, Fluid Minerals Engineering Office, Bureau of Land Management
Robin Hansen, Fluid Minerals Engineering Office, Bureau of Land Management
Stan Perkes, Solid Minerals Office, Bureau of Land Management
Larry Love, Director, Energy and Minerals Department, Ute Indian Tribe
Michelle Sabori, Land Use Department, Ute Indian Tribe
Elaine Willie, GAP Coordinator, Ute Indian Tribe
Daniel Picard, Bureau of Indian Affairs, U&O Agency
Curtis Cesspooch, Chairman, Uintah & Ouray Business Committee
Irene Cuch, Vice-Chairwoman, Uintah & Ouray Business Committee
Ronald Groves, Councilman, Uintah & Ouray Business Committee
Frances Poowegup, Councilwoman, Uintah & Ouray Business Committee
Phillip Chimburas, Councilman, Uintah & Ouray Business Committee
Steven Cesspooch, Councilman, Uintah & Ouray Business Committee



From: Jim Davis
To: Bonner, Ed; Higgins, Kurt; Mason, Diana
Date: 11/24/2008 12:41 PM
Subject: Kerr McGee SWD approvals

CC: Garrison, LaVonne

I spoke to Kurt Higgins this morning, he said I could go ahead and send the approval em-mail for these wells.

The following wells have been approved by SITLA.

4304740253	NBU 921-33F SWD Kerr-McGee Oil & Gas	Natural Buttes	SENW	33	090S	210E
S	UINTAH					
4304740254	NBU 921-34H SWD Kerr-McGee Oil & Gas	Natural Buttes	SENE	34	090S	
210E	S UINTAH					
4304740255	NBU 921-34L SWD Kerr-McGee Oil & Gas	Natural Buttes	NWSW	34	090S	210E
S	UINTAH					

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 24, 2008

Kerr-McGee Oil & Gas Onshore, LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 921-33F SWD Well, 1762' FNL, 1755' FWL, SE NW, Sec. 33, T. 9 South,
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40253.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Field Office
SITLA

Operator: Kerr-McGee Oil & Gas Onshore, LP
Well Name & Number NBU 921-33F SWD
API Number: 43-047-40253
Lease: ST UO 15630

Location: SE NW Sec. 33 T. 9 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2

43-047-40253

November 24, 2008

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 921-33F SWD

Api No: 43-047-40253 Lease Type: STATE

Section 33 Township 09S Range 21E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 03/03/09

Time 2:00 PM

How DRY

Drilling will Commence: _____

Reported by KENNEY

Telephone # (435) 828-1680

Date 03/03/09 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750078	NBU 922-29P3AS		SESE	29	9S,	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	3/4/2009			<u>3/5/09</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 03/04/2009 AT 1000 HRS. <u>BNL = SESE</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740255	NBU 921-34L SWD		NWSW	34	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>A</u>	99999	<u>17293</u>	3/3/2009			<u>3/5/09</u>	
Comments: <u>GRW</u> MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 03/03/2009 AT 1030 HRS							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740253	NBU 921-33F SWD		SENW	33	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>A</u>	99999	<u>17292</u>	3/3/2009			<u>3/5/09</u>	
Comments: <u>GRW</u> MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 03/03/2009 AT 1430 HRS							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

3/5/2009

Date

RECEIVED

MAR 05 2009

DIV OF OIL GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO-15630
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
			8. WELL NAME and NUMBER: NBU 921-33F SWD
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP			9. API NUMBER: 4304740253
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 1762'FNL, 1755'FWL		COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 33 9S, 21E		STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>WELL SPUD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 03/03/2009 AT 1430 HRS

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>3/5/2009</u>

(This space for State use only)

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MAR 09 2009

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO-15630
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP			8. WELL NAME and NUMBER: NBU 921-33F SWD
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304740253
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762'FNL, 1755'FWL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 33 9S, 21E			COUNTY: UINTAH
			STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SET SURFACE CSG
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PROPETRO AIR RIG ON 03/14/2009. DRILLED 12 1/4" SURFACE HOLE TO 2260'. RAN 9 5/8" 36# J-55 SURFACE CSG. CMT W/310 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DROP PLUG DISPLACE W/167 BBL BBL BUMP PLUG W/235 PSI LIFT TO 830 PSI INFLATE PACKER TO 2200 PSI RELEASE PSI FLOATS HELD 1.5 BBL BLEED BACK OPEN DV TOOL @2750 PSI. CIRCULATE WELL 16 BBL CMT BACK TO PIT. CMT 2ND STAGE W/960 SX PREM CLASS G @15.8 PPG 1.15 YIELD. LOST RETURNS 180 BBL INTO CMT FINISH MIXING CMT 196 BBL CMT DROP PLUG DISPLACE W/122 BBL BUMP PLUG W/2250 PSI CLOSE DV TOOL NO CMT TO SURFACE. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 3/19/2009



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

Ref: 8P-W-GW

NOV 12 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Grizz Oleen
Kerr McGee Onshore Oil and Gas, LP
1368 South 1200 East
Vernal, UT 84078

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Authorization to Inject
EPA UIC Permit UT21143-07788
Well: NBU 921-33F SWD
SENW Sec. 33-T9S-R21E
Uintah County, UT
API No.: 43-047-40253

Dear Mr. Oleen:

Thank you for submitting information regarding completion of construction and testing for the above referenced injection well. Requirements of your UIC Permit required submittal of the following information to the Director:

1. Well Completion forms and diagrams
2. Mechanical Integrity Test results
3. Injection Zone Pore Pressure
4. CBL
5. Injection Fluid Sample
6. Open Hole Logs
7. Temperature Logs
8. Radioactive Tracer Surveys
9. Corrective Action on AOR Wells

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NOV 23 2009
DIV. OF OIL, GAS & MINING

All required information has been submitted, and has been reviewed and approved by the EPA. Therefore, effective upon your receipt of this letter, Administrative approval hereby is granted for injection under the conditions of your UIC Permit.

As of this approval, responsibility for permit compliance and enforcement is transferred to the Region 8 UIC Technical Enforcement Program office. Please direct all future notification, reporting, monitoring and compliance correspondence to the following address, and reference

your UIC Permit number and well name.

U.S. Environmental Protection Agency
 Region 8 UIC Technical Enforcement Program, 8ENF-UFO
 1595 Wynkoop Street
 Denver, Colorado 80202-1129

NOTE FOR FOLLOW-UP TEMPERATURE SURVEYS on the 921-33F Production Well

On 5/13/09, a Radioactive Tracer Survey was conducted on the nearby 921-33F production well to prove that no flow could migrate out of the injection formation along the cemented wellbore. When this survey was conducted, flow was detected moving from the perforations at 1942 ft. downward to 2020 ft. where logging ended. Following this test, the perforations at 1942 ft. were squeezed and tested to 1000 psi.

Although this zone at 1942 ft. was squeezed, subsequent annual Temperature Logs will be designed and conducted with emphasis placed on determining the existence of any fluid flow downward from 1942 ft. This interval should receive particular attention during the logging and the followup review.

As of this approval, responsibility for permit compliance and enforcement is transferred to the Region 8 UIC Technical Enforcement Program office. Please direct all future notification, reporting, monitoring and compliance correspondence to the following address, and reference your UIC Permit number and well name.

If you have any questions regarding this Authorization, please call Dan Jackson of my staff at (303) 312-6155. For questions regarding notification, testing, monitoring, reporting or other Permit requirements, please contact Nathan Wisner of the UIC Technical Enforcement Program by calling (303) 312-6211.

Sincerely,



Steven J. Pratt, P.E., CAPM (inactive)
 Director, Ground Water Program

cc: Gil Hunt, Utah Division of Oil Gas and Mining
 Fluid Minerals Engineering Office, Bureau of Land Management

cc: Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice Chairwoman
Steven Cesspooch, Councilman
Phillip Chimbraus, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency
Ute Indian Tribe

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 15630
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 921-33F SWD
------------------------------------	----------------------------------------------------

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047402530000
-------------------------------------------------------------------	-----------------------------------------

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
-------------------------------------------------------------------------------------------------------	------------------------------------------	--------------------------------------------------------

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762 FNL 1755 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 33 Township: 09.0S Range: 21.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/20/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: FIRST INJECTION

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL HAS BEEN COMPLETED. FIRST INJECTION FOR THE SUBJECT WELL OCCURED ON 11/20/2009. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY. THE OPERATOR WILL SUBMIT A WELL COMPLETION REPORT FOR THE SUBJECT SWD WELL.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 December 15, 2009

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/7/2009	

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH		Site: NBU 921-33F SWD	Rig Name No: PROPETRO/
Event: DRILLING		Start Date: 3/14/2009	End Date: 3/18/2009
Active Datum: RKB @4,954.00ft (above Mean Sea Level)		UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/14/2009	14:00 - 20:00	6.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1400 HR 3/14/09 DRILL TO 300' W/ HAMMER CONDITION HOLE TO TFNB
	20:00 - 21:30	1.50	DRLSUR	06		P		TRIP DP OUT OF HOLE LAY DOWN HAMMER
	21:30 - 23:00	1.50	DRLSUR	06		P		RIH W/ MUD MOTOR AND PDC BIT
	23:00 - 0:00	1.00	DRLSUR	02		P		RIG DRILL FROM 300'-390' @ REPORT TIME
3/15/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL/MIN. FULL RETURNS 910' RUN SURVEY .75 DEG.
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL/MIN FULL RETURNS 1400' RUN SURVEY .5 DEG.
3/16/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/ MUD MOTOR AND PDC CIRCULATING WITH SKID PUMP AND CEMENT PUMP @ 15 BBL PER/MIN 100 % RETURNS HAVE NOT HIT ANY WATER OR FRACTURES 1620"
	12:00 - 23:30	11.50	DRLSUR	02		P		RIG DRILLED TO 2010' W/ MM AND PDC CIRCULATING W/ SKID PUMP AND CEMENT PUMP 15 BBL MIN 100% RETURNS HAVE NOT HIT ANY WATER OR FRACTURES PRESSURED UP TO 2500 PSI WOULD NOT DRILL WAS DECIDED TO TOOH TO CHECK MUD MOTOR
3/17/2009	23:30 - 0:00	0.50	DRLSUR	06	H	P		TRIP DP OUT OF HOLE @ REPORT TIME
	0:00 - 6:00	6.00	DRLSUR	06	H	Z		TRIP OUT AND LAY DOWN MUD MOTOR AND PDC BIT
	6:00 - 8:00	2.00	DRLSUR	06		P		RIH W/ TRI CONE BIT AND COLLARS
	8:00 - 12:00	4.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING W/ SKID PUMP AND CEMENT PUMP 13 BBL/MIN FULL RETURNS 2160' DA
3/18/2009	12:00 - 22:30	10.50	DRLSUR	02		P		RIG T/D @ 2260' AIR FOAM MIST TO CONDITION HOLE 1 HR
	22:30 - 23:00	0.50	DRLSUR	05		P		CIRCULATE HOLE W/ POLY SWEEPS AND FREASH WATER
	23:00 - 0:00	1.00	DRLSUR	06		P		TRIP DP OUT OF HOLE @ REPORT TIME
	0:00 - 3:30	3.50	DRLSUR	06		P		FINISH LAYING DOWN DP
	3:30 - 9:00	5.50	DRLSUR	11		P		RIH W/ OPEN HOLE LOGS TAG @ 2257' LOG OUT
	9:00 - 14:00	5.00	DRLSUR	12		P		RUN 15 JNTS 9 5/8 40# J-55 INSTALL PACKER AND WETHERFORD PUP JNT @ 1622' AND INSTALL TWO STAGE DV TOOL @ 1606' RUN 34 JNTS 9 5/8 TO 2246.1'
3/18/2009	14:00 - 17:30	3.50	DRLSUR	05	A	P		RIG UP PROPETRO AND CIRCULATE UNTILL BJ GETS RIGGED UP FULL RETURNS.
	17:30 - 18:30	1.00	DRLSUR	12		P		CEMENT 1ST STAGE WITH 310 SKS @ 15.8# 1.15 5.0 GAL/SK DROP PLUG DISPLACE W/ 167 BBL BUMP PLUG W/ 235 PSI LIFT TO 830 PSI INFLATE PACKER TO 2200 PSI REALEASE PSI FLOATS HELD 1.5 BBL BLEED BACK. OPEN DV TOOL @ 2750 PSI
	18:30 - 19:30	1.00	DRLSUR	05		P		CIRCULATE WELL 16 BBL CEMENT BACK TO PIT
	19:30 - 20:30	1.00	DRLSUR	12		P		CEMENT 2ND STAGE WITH 960 SKS @ 15.8# 1.15 5.0 GAL/SK LOST RETURNS 180 BBL INTO CEMENT FINISH MIXING CEMENT 196 BBL CMT DROP PLUG DISPLACE W/ 122 BBL BUMP PLUG W/ 330 PSI TO 2250 PSI CLOSE DV TOOL NO CEMENT TO SURFACE

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD				Spud Date: 3/14/2009				
Project: UTAH-UINTAH			Site: NBU 921-33F SWD			Rig Name No: PROPETRO/		
Event: DRILLING			Start Date: 3/14/2009		End Date: 3/18/2009			
Active Datum: RKB @4,954.00ft (above Mean Sea Level)				UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/O/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	20:30 - 23:00	2.50	DRLSUR	12		P		1ST TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
	23:00 - 23:00	0.00	DRLSUR					NO VISIBLE LEAKS PIT 5% FULL

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH	Site: NBU 921-33F SWD	Rig Name No:	
Event: COMPLETION	Start Date: 4/1/2009	End Date:	
Active Datum: RKB @4,954.00ft (above Mean Sea Level)	UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/1/2009	-							
4/13/2009	7:00 - 7:30	0.50	COMP	48		P		DAY 1 - JSA & SM #1
	7:30 - 19:00	11.50	COMP	30	A	P		ROAD RIG FROM NBU NBU 352 TO NBU 921-33F SWD. MIRU, SPOT EQUIP. NU HYDRILL & WH. RU PMP & FLOWBACK LINES. PREP & TALLY TBG. PU 8 1/2" BIT, BIT SUB & CHANGE OVER. RIH ON 51 JTS 2 7/8" 6.5# N80 SH TBG. TAG FILL @ 1563'. DV TOOL @ 1603'. RU PWR SWWL & PMP. C/O 40' OF CMT. DLRG ON DV TOOL FROM 16:30 UNTIL 18:45. MADE 3" OF HOLE. CIRC WELL CLEAN. PICK UP 15' OFF BTM. SDFN. PREP WELL TO CONT. TO DRLG DV TOOL IN AM. DAY 2 - JSA & SM #2. NO H2S
4/14/2009	7:00 - 7:15	0.25	COMP	48		P		WHP = 0 PSI. EOT @ 1608' RIH TAG DV TOOL @ 1611'. CONT TO DRLG OUT DV TOOL. DRLG ON DV TOOL FROM 07:15 UNTIL 13:33. THRU DV TOOL @ 1615'. DRLG OUT 50' CMT STRINGERS UNDER DV TOOL. RIH TAG FILL @ 2201', FLOAT COLLAR @ 2204'. CIRC WELL CLEAN W/2% KCL WTR. R/D PWR SWWL, RU TBG EQUIP. POOH & LD TBG ON FLOAT. EOT @ 1439'. 17:00 - SWI - SDFN. PREP WELL TO CONT TO POOH W/TBG & RUN CBL.
	7:15 - 17:00	9.75	COMP	44	D	P		
4/15/2009	7:00 - 7:15	0.25	COMP	48		P		DAY 3 - JSA & SM #3. NO H2S. WHP = 0 PSI EOT @ 1439'. CONT TO POOH W/TBG & LD ON FLOAT. L/D 8 1/2" BIT, BIT SUB & CHANGE OVER. MIRU CUTTERS WIRELINE. RIH W/CCL & CBL. RUN CBL FROM 2191' TO SURFACE. PRESSURE UP ON CSG TO 1000 PSI & RE-RUN CBL. RDMO CUTTERS WIRELINE.
	7:15 - 11:30	4.25	COMP	41	A	P		
	11:30 - 12:30	1.00	COMP	30	C	P		RDMO SERVICE UNIT. ROAD RIG TO NBU 921-9K.

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH		Site: NBU 921-33F SWD	Rig Name No:
Event: COMPLETION		Start Date: 11/24/2009	End Date: 12/1/2009
Active Datum: RKB @4,954.00ft (above Mean Sea Level)		UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/2/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. SWABBING
	7:30 - 18:30	11.00	COMP	42	B	P		RIG UP RIG. NU BOP. PU SN & NC & RIH W/ 53 JTS OF 2 3/8" J-55 4.7# TBG RIH TO 1,663'. RIG UP LUBACATOR RIH SWAB FLUID TO 1,164'. LD SWAB EQUIPMENT. POOH W/ TBG. ND 7 1/16 BOP NU 11 BOP. MIRU CUTTERS. PU 4" PORTED GNS, 23 GRM, .4" HOLE, 90 DEG PHASING. RIH PERF 1,914' - 44', 4 SPF, 120 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,892' - 1,908', 4SPF, 64 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,846' - 78', 4SPF, 128 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,794' - 1,814', 4SPF, 80 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,770' - 84', 4SPF, 56 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,698' - 1,714', 4SPF, 64 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,664' - 80', 4SPF, 64 HOLES. POOH. TOTAL HOLES SHOT 576. RDMO CUTTERS. PU NC & RIH W/ 53 JTS OF 2 3/8" YELLOW BAND TBG. EOT @ 1,663'. MIRU DELSCO SLICK LINE. RIH W/ BOTTOM HOLE GAUGE TO 1,804' FOR 24 HR TEST. SWI SDFWE.
7/6/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ SLICK LINE.
	7:30 - 8:00	0.50	COMP	35		P		SICP 100 PSI, POOH W/ SLICK LINE GAUGES.
	8:00 - 16:00	8.00	COMP	33	D	P		RU SHLUMBERGER, PUMPED 36,985 SCF N2 DWN CSG @ 640 PSI, GOT RETURNS UP TBG, RECOVERED 62 BBLS WTR, 10,000 CHLORIDES, 10.00 PH. HOLE BLEW DRY. SHUT TBG PRESSURE UP ON CSG W/ 46,802 SCF N2, TO TRY TO BREAK DWN ZONESS NO BREAK. RU FILL HOLE W/ 117 BBLS TREATED FRESH WTR, PUMPED IN TO ZONES @ 3 BPM @ 100# PSI, SHUT DWN OPEN TBG, PUMPED 36,366 SCF N2, RECOVERED 122 BBLS LOAD WTR, STARTED SAMPLES, RECOVERED 42 BBLS FORMATION WTR FLOW STOPPED. LAST SAMPLE WAS 3800 CHLORIDES AND 9.8 PH SWI SDFN.
7/7/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ SAND LINE.
	7:30 - 14:00	6.50	COMP	33	D	P		SHLUMBERGER LOST ALL N2 OVERNIGHT. SLIGHT BLOW OF PSI ON WELL. START SWABBING IFL @ 1163' MADE 15, 15 MIN RUNS, REC 3.75 BBLS WATER. TAKEING SAMPELS OF EVERY RUN. FINAL CHLORIDES WERE 10000, PH WAS 9.5. FFL @ 1463 RD SWAB EQUIP.

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No:

Event: COMPLETION

Start Date: 11/24/2009

End Date: 12/1/2009

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/O/SENW/6/PM/N/1,762.00/W/0/1,755.00/O/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:00 - 17:00	3.00	COMP	31	G	P		
7/8/2009	7:00 - 7:30	0.50	COMP	48		P		POOH L/D 53 JTS 23/8 J-55 YELLOW BAND TBG, AND NOTCHED COLLAR. X/O TBG EQUIP AND PIPE RAMS TO 2 7/8. PU 9/58 RBP AND 10 JTS 2 7/8 N-80 TBG EOT @ 309.22' SWI SDFN.
	7:30 - 18:00	10.50	COMP	40	C	P		HSM, PICKING UP 27/8 TBG, AND WORKING W/ ACID PUMP TRUCK. 0 WELL PRESSURE, PU REM 54 JTS 2/78 N-80, TOTAL 64 JTS SET RBP @ 1970'. RU SCHLUBERGER TEST LINES TO 2000# OK. (1ST STDG) RBP @ 1970', PERFS 1892'-1944' PKR @ 1885' FILL TBG W/ 6.8 BBLS WTR. BROKE ZONE @ 620# PSI, SPOT ACID PUMPING @ 3.8 BPM 300# ACID ON PERFS TBG ON VACUME, 22 BBLS 15% HCL FLUSH W/ 11 BBLS, SHUT DWN, MOVE TOOLS (2ND STDG) RBP @ 1885', PERFS 1846'-78' PKR @ 1830', FILL TBG W/ 3.6 BBLS WTR, BROKE @ 525# START ACID PUMPING @ 3.8 BPM @ 287# PSI, PUMPED 15.2 BBLS 15% ACID FLUSHED W/ 14 BBLS WTR TBG ON VAC, SHUT DWN MOVE TOOLS. (3RD STDG) RBP @ 1830', PERFS 1770'-1814', PKR @ 1753', FILL TBG W/ 1 BBL WTR BROKE @ 255# PSI, PUMPED 16.2 BBLS 15% ACID @ 3.3 BPM @ 300 PSI, ISIP 215# PSI. WELL COMUNICATED W/ PERFS 1664'-1714' MOVE PKR. (4TH STDG) RBP @ 1830', PERFS 1664'-1714' PKR @ 1659', PUMPED 2.9 BBLS WTR @ 1.6 BPM @ 170 PSI, PUMPED 3.3 BBLS ACID FLUSH W/ 13.7 BBLS @ 3.5 BPM @ 335 PSI, ISIP 207# PSI, BLEAD OF TBG, HAD TO OPED BY PASS ON PKR AND KILL TBG W/ 10 BBLS WTR. POOH L/D PKR, RIH UNSET RBP @ 1830' SWI SDFN. TOTAL PUMPED 139.7 BBLS TREATED WTR 71 BBLS 15% HCL W/ ADDITIVES.
7/9/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, TRIPPING TBG AND WORKING W/ CUDD N2 UNIT.
	7:30 - 9:00	1.50	COMP	31	I	P		0 PSI ON WELL. POOH W/ 27/8 N-8- L/D 95/8 RBP. RIH OPEN ENDED W/ 54 JTS 27/8 N-80 TO 1655' RU CUDD TO N2 DWN CSG TO RECOVER LOAD WTR.
	9:00 - 10:40	1.67	COMP	33	D	P		PUMPED 51,550 SCF N2 DWN CSG RECOVERED 142 BBLS WTR AND ACID WELL BLEW DRY.
	10:40 - 12:40	2.00	COMP	46		P		WAIT FOR FLUID ENTRY.
	12:40 - 13:00	0.33	COMP	33	D	P		PUMPED 10,000 SCF N2 DWN CSG NO FLUID RETURNS.
	13:00 - 15:30	2.50	COMP	31	I	P		RD CUDD, POOH L/D 54 JTS 27/8, X/O EQUIP TO 31/2 SWI SDFN.
7/10/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, PU 3 1/2 LINED 9.3# J-55 TBG.

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH		Site: NBU 921-33F SWD	Rig Name No:
Event: COMPLETION		Start Date: 11/24/2009	End Date: 12/1/2009
Active Datum: RKB @4,954.00ft (above Mean Sea Level)		UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:00	9.50	COMP	31	C	P		0 PSI ON WELL, PU 9 5/8 ARROW SET 1 PKR W/ 2 SEALS IN COLLAR, AND 51JTS 31/2 9.3# J-55 & 10.05 SUB LINED TBG. PU HANGER W/ 5 SEALS IN BTM TO FILL VOID ABOVE PUP JT THREADS, (WILL HAVE TO WATCH SEALS WHEN HANGER IS BROKE OFF). LAND 31/2 ND 11" BOPS, PUMP 120 BBLs PKR FLUID SET PKR @ 1633.44' PACKED OFF PKR 30,000# OVER STRING WEIGHT. LAND TBG IN NEUTRAL. PRESSUR UP ON CSG TO 500# W/ BC QUICK TEST FOR 30 MIN ON CHART. NU WH SWI SDFWE. KB 0' 11 HANGER = 1.00' 31/2 PUP JT = 9.80' LIED F/ TUBOSCOPE. 51 JT 31/2 9.30# J-55 = 1613.35' LINED FROM TUBOSCOPE 9 5/8 ARROW SET1 PKR = 9.29' EOT @ 1633.44' (2-SEALS INTOP OF PKR) (5-SEALS IN BTM OF HANGER) PUMPED 120 BBLs PKR FLUID PRIOR TO SETTING PKR.
7/13/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. PUMPING STEP RATE TEST
	7:30 - 9:40	2.17	COMP	33	G	P		MIRU BJ SERVICES. PRESSURE TEST SURFACE EQUIPMENT TO 4,828 PSI. MIRU DELSCO RIH W/ DOWN HOLE GUAGES TO 1,804'. START STEP RATE TEST. FILL HOLE W/ TREATED WATER.
	9:40 - 10:40	1.00	COMP	33	G	P		START PUMPING .75 BPM @ 115 PSI, 10 MIN. 169 PSI, 20 MIN. 196 PSI, 30 MIN. 211 PSI, 40 MIN. 222 PSI, 50 MIN 232 PSI, 60 MIN. 239 PSI.
	10:40 - 11:40	1.00	COMP	33	G	P		INCREASE RATE TO 1.5 BPM @ 259 PSI, 10 MIN. 268 PSI, 20 MIN. 269 PSI, 30 MIN. 270 PSI, 40 MIN. 264 PSI, 50 MIN. 259 PSI, 60 MIN. 253 PSI.
	11:40 - 12:40	1.00	COMP	33	G	P		INCREASE RATE TO 3.0 BPM @ 301 PSI, 10 MIN. 312 PSI, 20 MIN. 315 PSI, 30 MIN. 322 PSI, 40 MIN. 317 PSI, 50 MIN. 313 PSI, 60 MIN. 315 PSI.
	12:40 - 13:40	1.00	COMP	33	G	P		INCREASE RATE TO 6.0 BPM @ 446 PSI, 10 MIN. 457 PSI, 20 MIN. 464 PSI, 30 MIN. 475 PSI, 40 MIN. 485 PSI, 50 MIN. 487 PSI, 60 MIN. 493 PSI.
	13:40 - 14:40	1.00	COMP	33	G	P		INCREASE RATE TO 9.0 BPM @ 693 PSI, 10 MIN 690 PSI, 20 MIN. 688 PSI, 30 MIN. 690 PSI, 40 MIN. 701 PSI, 50 MIN. 702 PSI, 60 MIN. 691 PSI.
	14:40 - 15:40	1.00	COMP	33	G	P		INCREASE RATE TO 12 BPM @ 935 PSI, 10 MIN. 936 PSI, 20 MIN. 937 PSI, 30 MIN. 928 PSI, 40 MIN. 927 PSI, 50 MIN. 929 PSI, 60 MIN. 930 PSI.
	15:40 - 16:40	1.00	COMP	33	G	P		INCREASE RATE 10 15 BPM @ 1,272 PSI, 10 MIN. 1,253 PSI, 20 MIN. 1,240 PSI, 30 MIN. 1,222 PSI, 40 MIN. 1,201 PSI, 50 MIN. 1,189 PSI, 53 MIN. 1,196 PSI.
	16:40 - 17:00	0.33	COMP	33	G	P		ISIP 310 PSI. F.G. .61. POOH W/ DOWN HOLE PRESSURE GUAGES. SWI. RDMO DELSCO & BJ. TURN WELL OVER TO PRODUCTION.
11/24/2009	7:00 - 7:30	0.50	MAINT	48		P		RU RIG

RECEIVED December 07, 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No:

Event: COMPLETION

Start Date: 11/24/2009

End Date: 12/1/2009

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/O/O

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:30	10.00	MAINT	33		P		MIRU, BLOW DWN TGB 120#, CSG 100#,TGB FLOWING WILL NOT DIE, CSG 0#, FLOWED BACK 320 BBLs, 4 HRS., PUMPED 25 BBLs 10# BRINE DWN TBG TO KILL NU WH, RELEASE PACKER, NU BOP'S,LAY DWN HANGER RU EQUIP. SWIFN
11/25/2009	7:00 - 7:30	0.50	MAINT	48		P		POOH TBG
	7:30 - 7:30	0.00	MAINT	33		P		RU WASHINGTON HEAD, POOH 25 STANDS TBG, CHANGE OUT PACKERS, RU S/N 2 7/8" BELOW PACKER,RIH WITH ASSY, LAND TBG, RU DELSCO, RIH WITH XN TBG PLUG, RD DELSCO, WILL NOT TEST PLUG WON'T SEAT,POOH PLUG, RIH STANDING VALVE, PRESSURE TEST 500# 30 MIN, TBG TESTED OK, RD B& C QUICK TEST, RU DELSCO, PULL STANDING VALVE .PUMP PACKER FLUID, SEAT PACKER. LAND TBG. PRESSURED CSG UP , HANGER FAILED AT 200# PU RELEASE PACKER PULL HANGER TO SURFACE, RUBBER SEAL RUINED. SWIFWE
11/30/2009	7:00 - 7:30	0.50	MAINT	48		P		ND BOP'S
	7:30 - 15:00	7.50	MAINT	33				CSG 80#,TRY TO DRESS HANGER, PROBLEMS WITH COMPRESSION RUBBER AND SNAP RING, SEN TO VERNAL TO MACHINE AND REDRESS. SWIFN
12/1/2009	7:00 - 7:30	0.50	MAINT	48		P		ND BOP'S, LAND TBG
	7:30 - 7:30	0.00	MAINT	33				NU TBG HANGER, PUMP 110 BBLs PACKER FLUID, SET PACKER, LAND TBG. NU WH,TEST HANGER INTERGERTY TO 5000#, CSG 500# 30 MIN, TBG 500# 30 MIN.RDMO

RECEIVED December 07, 2009



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

DEC - 7 2009

Ref: 8ENF-UFO

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DEC 10 2009
DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7005-1160-0005-8589
RETURN RECEIPT REQUESTED

Grizz Oleen, Staff Environmental Analyst
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

43 047 40253
95 21E 33

Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #921-33F SWD Well
EPA Permit #UT21143-07788
Natural Buttes Oil Field
Uintah County, Utah

Dear Mr. Oleen:

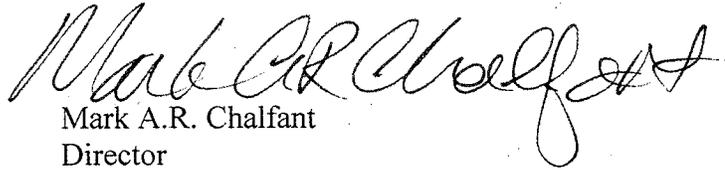
On December 2, 2009, EPA received information from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the workover to address its leaking tubing hanger and the followup mechanical integrity test (MIT) conducted on December 1, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before December 1, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ST UO 15630

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER **SWD W1**

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER

7. UNIT or CA AGREEMENT NAME
UNIT # 891008900A

8. WELL NAME and NUMBER:
NBU 921-33F SWD

2. NAME OF OPERATOR:
KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER:
4304740253

3. ADDRESS OF OPERATOR: **P.O. BOX 173779** CITY **DENVER** STATE **CO** ZIP **80217** PHONE NUMBER: **(720) 929-6100**

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **SENW 1762 FNL & 1755 FWL**

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENW 33 9S 21E

12. COUNTY **UINTAH** 13. STATE **UTAH**

14. DATE SPURRED: **3/3/2009** 15. DATE T.D. REACHED: **3/17/2009** 16. DATE COMPLETED: **11/20/2009** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
4954' GL

18. TOTAL DEPTH: MD **2,260** TVD **2,260** 19. PLUG BACK T.D.: MD **2,204** TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
SDL/DSN/HRI-CBL/GR

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,246		1370			

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25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1,633							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) BIRDS NEST	1,664	1,944			1,664 1,944	0.41	576	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) GRPV								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
1,664-1,944	PMP 139 BBLs TREATED WATER & 71 BBLs 15% HCL WITH ADDITIVES.

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
SWD

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Ventad, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER MAHOGAN Y WASATCH MESAVERDE	1,583				

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35. ADDITIONAL REMARKS (Include plugging procedure)

FIRST INJECTION ON ON 11/20/2009. CHRONOLOGICAL WELL HISTORY IS ATTACHED.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) ANDY LYTLE

TITLE REGULATORY ANALYST

SIGNATURE 

DATE 12/8/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top -- Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD Spud Date: 3/14/2009
 Project: UTAH-UINTAH Site: NBU 921-33F SWD Rig Name No: PROPETRO/
 Event: DRILLING Start Date: 3/14/2009 End Date: 3/18/2009
 Active Datum: RKB @4,954.00ft (above Mean Sea Level) UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/14/2009	14:00 - 20:00	6.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1400 HR 3/14/09 DRILL TO 300' W/ HAMMER CONDITION HOLE TO TFNB
	20:00 - 21:30	1.50	DRLSUR	06		P		TRIP DP OUT OF HOLE LAY DOWN HAMMER
	21:30 - 23:00	1.50	DRLSUR	06		P		RIH W/ MUD MOTOR AND PDC BIT
	23:00 - 0:00	1.00	DRLSUR	02		P		RIG DRILL FROM 300'-390' @ REPORT TIME
3/15/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL/MIN. FULL RETURNS 910' RUN SURVEY .75 DEG.
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL/MIN FULL RETURNS 1400' RUN SURVEY .5 DEG.
3/16/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/ MUD MOTOR AND PDC CIRCULATING WITH SKID PUMP AND CEMENT PUMP @ 15 BBL PER/MIN 100 % RETURNS HAVE NOT HIT ANY WATER OR FRACTURES 1620"
	12:00 - 23:30	11.50	DRLSUR	02		P		RIG DRILLED TO 2010' W/ MM AND PDC CIRCULATING W/ SKID PUMP AND CEMENT PUMP 15 BBL MIN 100% RETURNS HAVE NOT HIT ANY WATER OR FRACTURES PRESSURED UP TO 2500 PSI WOULD NOT DRILL WAS DECIDED TO TOOH TO CHECK MUD MOTOR
3/17/2009	23:30 - 0:00	0.50	DRLSUR	06	H	P		TRIP DP OUT OF HOLE @ REPORT TIME
	0:00 - 6:00	6.00	DRLSUR	06	H	Z		TRIP OUT AND LAY DOWN MUD MOTOR AND PDC BIT
	6:00 - 8:00	2.00	DRLSUR	06		P		RIH W/ TRI CONE BIT AND COLLARS
	8:00 - 12:00	4.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING W/ SKID PUMP AND CEMENT PUMP 13 BBL/MIN FULL RETURNS 2160' DA
	12:00 - 22:30	10.50	DRLSUR	02		P		RIG T/D @ 2260' AIR FOAM MIST TO CONDITION HOLE 1 HR
	22:30 - 23:00	0.50	DRLSUR	05		P		CIRCULATE HOLE W/ POLY SWEEPS AND FRESH WATER
3/18/2009	23:00 - 0:00	1.00	DRLSUR	06		P		TRIP DP OUT OF HOLE @ REPORT TIME
	0:00 - 3:30	3.50	DRLSUR	06		P		FINISH LAYING DOWN DP
	3:30 - 9:00	5.50	DRLSUR	11		P		RIH W/ OPEN HOLE LOGS TAG @ 2257' LOG OUT
	9:00 - 14:00	5.00	DRLSUR	12		P		RUN 15 JNTS 9 5/8 40# J-55 INSTALL PACKER AND WETHERFORD PUP JNT @ 1622' AND INSTALL TWO STAGE DV TOOL @ 1606' RUN 34 JNTS 9 5/8 TO 2246.1'
	14:00 - 17:30	3.50	DRLSUR	05	A	P		RIG UP PROPETRO AND CIRCULATE UNTILL BJ GETS RIGGED UP FULL RETURNS.
	17:30 - 18:30	1.00	DRLSUR	12		P		CEMENT 1ST STAGE WITH 310 SKS @ 15.8# 1.15 5.0 GAL/SK DROP PLUG DISPLACE W/ 167 BBL BUMP PLUG W/ 235 PSI LIFT TO 830 PSI INFLATE PACKER TO 2200 PSI REALEASE PSI FLOATS HELD 1.5 BBL BLEED BACK. OPEN DV TOOL @ 2750 PSI
	18:30 - 19:30	1.00	DRLSUR	05		P		CIRCULATE WELL 16 BBL CEMENT BACK TO PIT
	19:30 - 20:30	1.00	DRLSUR	12		P		CEMENT 2ND STAGE WITH 960 SKS @ 15.8# 1.15 5.0 GAL/SK LOST RETURNS 180 BBL INTO CEMENT FINISH MIXING CEMENT 196 BBL CMT DROP PLUG DISPLACE W/ 122 BBL BUMP PLUG W/ 330 PSI TO 2250 PSI CLOSE DV TOOL NO CEMENT TO SURFACE

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DIV. OF OIL, GAS & MINING

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH		Site: NBU 921-33F SWD	Rig Name No: PROPETRO/
Event: DRILLING		Start Date: 3/14/2009	End Date: 3/18/2009
Active Datum: RKB @4,954.00ft (above Mean Sea Level)		UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	20:30 - 23:00	2.50	DRLSUR	12		P		1ST TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
	23:00 - 23:00	0.00	DRLSUR					NO VISIBLE LEAKS PIT 5% FULL

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DIV. OF OIL, GAS & MINING

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No:

Event: COMPLETION

Start Date: 4/1/2009

End Date:

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/1/2009	-							
4/13/2009	7:00 - 7:30	0.50	COMP	48		P		<p>DAY 1 - JSA & SM #1</p> <p>ROAD RIG FROM NBU NBU 352 TO NBU 921-33F SWD. MIRU, SPOT EQUIP. NU HYDRILL & WH. RU PMP & FLOWBACK LINES. PREP & TALLY TBG.</p> <p>PU 8 1/2" BIT, BIT SUB & CHANGE OVER. RIH ON 51 JTS 2 7/8" 6.5# N80 SH TBG. TAG FILL @ 1563'. DV TOOL @ 1603'. RU PWR SWVL & PMP. C/O 40' OF CMT.</p> <p>DLRG ON DV TOOL FROM 16:30 UNTIL 18:45. MADE 3" OF HOLE. CIRC WELL CLEAN. PICK UP 15' OFF BTM. SDFN. PREP WELL TO CONT. TO DRLG DV TOOL IN AM.</p>
	7:30 - 19:00	11.50	COMP	30	A	P		
4/14/2009	7:00 - 7:15	0.25	COMP	48		P		<p>DAY 2 - JSA & SM #2. NO H2S</p> <p>WHP = 0 PSI. EOT @ 1608' RIH TAG DV TOOL @ 1611'. CONT TO DRLG OUT DV TOOL. DRLG ON DV TOOL FROM 07:15 UNTIL 13:33. THRU DV TOOL @ 1615'. DRLG OUT 50' CMT STRINGERS UNDER DV TOOL.</p> <p>RIH TAG FILL @ 2201', FLOAT COLLAR @ 2204'. CIRC WELL CLEAN W/2% KCL WTR. R/D PWR SWVL, RU TBG EQUIP. POOH & LD TBG ON FLOAT. EOT @ 1439'.</p> <p>17:00 - SWI - SDFN. PREP WELL TO CONT TO POOH W/TBG & RUN CBL.</p>
	7:15 - 17:00	9.75	COMP	44	D	P		
4/15/2009	7:00 - 7:15	0.25	COMP	48		P		<p>DAY 3 - JSA & SM #3. NO H2S. WHP = 0 PSI</p> <p>EOT @ 1439'. CONT TO POOH W/TBG & LD ON FLOAT. L/D 8 1/2" BIT, BIT SUB & CHANGE OVER.</p> <p>MIRU CUTTERS WIRELINE. RIH W/CCL & CBL. RUN CBL FROM 2191' TO SURFACE. PRESSURE UP ON CSG TO 1000 PSI & RE-RUN CBL. RDMO CUTTERS WIRELINE.</p>
	7:15 - 11:30	4.25	COMP	41	A	P		
	11:30 - 12:30	1.00	COMP	30	C	P		<p>RDMO SERVICE UNIT. ROAD RIG TO NBU 921-9K.</p>

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DEC 14 2009

DIV. OF OIL, GAS & MINING

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD Spud Date: 3/14/2009
 Project: UTAH-UINTAH Site: NBU 921-33F SWD Rig Name No:
 Event: COMPLETION Start Date: 11/24/2009 End Date: 12/1/2009
 Active Datum: RKB @4,954.00ft (above Mean Sea Level) UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/2/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. SWABBING
	7:30 - 18:30	11.00	COMP	42	B	P		RIG UP RIG. NU BOP. PU SN & NC & RIH W/ 53 JTS OF 2 3/8" J-55 4.7# TBG RIH TO 1,663'. RIG UP LUBACATOR RIH SWAB FLUID TO 1,164'. LD SWAB EQUIPMENT. POOH W/ TBG. ND 7 1/16 BOP NU 11 BOP. MIRU CUTTERS. PU 4" PORTED GNS, 23 GRM, .4" HOLE, 90 DEG PHASING. RIH PERF 1,914' - 44', 4 SPF, 120 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,892' - 1,908', 4SPF, 64 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,846' - 78', 4SPF, 128 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,794' - 1,814', 4SPF, 80 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,770' - 84', 4SPF, 56 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,698' - 1,714', 4SPF, 64 HOLES. POOH. PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH PERF 1,664' - 80', 4SPF, 64 HOLES. POOH. TOTAL HOLES SHOT 576. RDMO CUTTERS. PU NC & RIH W/ 53 JTS OF 2 3/8" YELLOW BAND TBG. EOT @ 1,663'. MIRU DELSCO SLICK LINE. RIH W/ BOTTOM HOLE GAUGE TO 1,804' FOR 24 HR TEST. SWI SDFWE.
7/6/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ SLICK LINE.
	7:30 - 8:00	0.50	COMP	35		P		SICP 100 PSI, POOH W/ SLICK LINE GAUGES.
	8:00 - 16:00	8.00	COMP	33	D	P		RU SHLUMBERGER, PUMPED 36,985 SCF N2 DWN CSG @ 640 PSI, GOT RETURNS UP TBG, RECOVERED 62 BBLS WTR, 10,000 CHLORIDES, 10.00 PH. HOLE BLEW DRY. SHUT TBG PRESSURE UP ON CSG W/ 46,802 SCF N2, TO TRY TO BREAK DWN ZONES NO BREAK. RU FILL HOLE W/ 117 BBLS TREATED FRESH WTR, PUMPED IN TO ZONES @ 3 BPM @ 100# PSI, SHUT DWN OPEN TBG, PUMPED 36,366 SCF N2, RECOVERED 122 BBLS LOAD WTR, STARTED SAMPLES, RECOVERED 42 BBLS FORMATION WTR FLOW STOPPED. LAST SAMPLE WAS 3800 CHLORIDES AND 9.8 PH SWI SDFN.
7/7/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ SAND LINE.
	7:30 - 14:00	6.50	COMP	33	D	P		SHLUMBERGER LOST ALL N2 OVERNIGHT. SLIGHT BLOW OF PSI ON WELL. START SWABBING IFL @ 1163' MADE 15, 15 MIN RUNS, REC 3.75 BBLS WATER. TAKEING SAMPELS OF EVERY RUN. FINAL CHLORIDES WERE 10000, PH WAS 9.5. FFL @ 1463 RD SWAB EQUIP.

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DEC 14 2009

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No:

Event: COMPLETION

Start Date: 11/24/2009

End Date: 12/11/2009

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:00 - 17:00	3.00	COMP	31	G	P		POOH L/D 53 JTS 23/8 J-55 YELLOW BAND TBG, AND NOTCHED COLLAR. X/O TBG EQUIP AND PIPE RAMS TO 2 7/8. PU 9/58 RBP AND 10 JTS 2 7/8 N-80 TBG EOT @ 309.22' SWI SDFN.
7/8/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, PICKING UP 27/8 TBG, AND WORKING W/ ACID PUMP TRUCK.
	7:30 - 18:00	10.50	COMP	40	C	P		0 WELL PRESSURE, PU REM 54 JTS 2/78 N-80, TOTAL 64 JTS SET RBP @ 1970'. RU SCHLUBERGER TEST LINES TO 2000# OK. (1ST STDG) RBP @ 1970', PERFS 1892'-1944' PKR @ 1885' FILL TBG W/ 6.8 BBLS WTR. BROKE ZONE @ 620# PSI, SPOT ACID PUMPING @ 3.8 BPM 300# ACID ON PERFS TBG ON VACUME, 22 BBLS 15% HCL FLUSH W/ 11 BBLS, SHUT DWN, MOVE TOOLS (2ND STDG) RBP @ 1885', PERFS 1846'-78' PKR @ 1830', FILL TBG W/ 3.6 BBLS WTR, BROKE @ 525# START ACID PUMPING @ 3.8 BPM @ 287# PSI, PUMPED 15.2 BBLS 15% ACID FLUSHED W/ 14 BBLS WTR TBG ON VAC, SHUT DWN MOVE TOOLS. (3RD STDG) RBP @ 1830', PERFS 1770'-1814', PKR @ 1753', FILL TBG W/ 1 BBL WTR BROKE @ 255# PSI, PUMPED 16.2 BBLS 15% ACID @ 3.3 BPM @ 300 PSI, ISIP 215# PSI. WELL COMUNICATED W/ PERFS 1664'-1714' MOVE PKR. (4TH STDG) RBP @ 1830', PERFS 1664'-1714' PKR @ 1659', PUMPED 2.9 BBLS WTR @ 1.6 BPM @ 170 PSI, PUMPED 3.3 BBLS ACID FLUSH W/ 13.7 BBLS @ 3.5 BPM @ 335 PSI, ISIP 207# PSI, BLEAD OF TBG, HAD TO OPED BY PASS ON PKR AND KILL TBG W/ 10 BBLS WTR. POOH L/D PKR, RIH UNSET RBP @ 1830' SWI SDFN. TOTAL PUMPED 139.7 BBLS TREATED WTR 71 BBLS 15% HCL W/ ADDITIVES. HSM, TRIPPING TBG AND WORKING W/ CUDD N2 UNIT. 0 PSI ON WELL. POOH W/ 27/8 N-8- L/D 95/8 RBP. RIH OPEN ENDED W/ 54 JTS 27/8 N-80 TO 1655' RU CUDD TO N2 DWN CSG TO RECOVER LOAD WTR. PUMPED 51,550 SCF N2 DWN CSG RECOVERED 142 BBLS WTR AND ACID WELL BLEW DRY. WAIT FOR FLUID ENTRY. PUMPED 10,000 SCF N2 DWN CSG NO FLUID RETURNS. RD CUDD, POOH L/D 54 JTS 27/8, X/O EQUIP TO 31/2 SWI SDFN. HSM, PU 3 1/2 LINED 9.3# J-55 TBG.
7/9/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, TRIPPING TBG AND WORKING W/ CUDD N2 UNIT.
	7:30 - 9:00	1.50	COMP	31	I	P		0 PSI ON WELL. POOH W/ 27/8 N-8- L/D 95/8 RBP. RIH OPEN ENDED W/ 54 JTS 27/8 N-80 TO 1655' RU CUDD TO N2 DWN CSG TO RECOVER LOAD WTR.
	9:00 - 10:40	1.67	COMP	33	D	P		PUMPED 51,550 SCF N2 DWN CSG RECOVERED 142 BBLS WTR AND ACID WELL BLEW DRY.
	10:40 - 12:40	2.00	COMP	46		P		WAIT FOR FLUID ENTRY.
	12:40 - 13:00	0.33	COMP	33	D	P		PUMPED 10,000 SCF N2 DWN CSG NO FLUID RETURNS.
	13:00 - 15:30	2.50	COMP	31	I	P		RD CUDD, POOH L/D 54 JTS 27/8, X/O EQUIP TO 31/2 SWI SDFN.
7/10/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, PU 3 1/2 LINED 9.3# J-55 TBG.

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DEC 14 2009

DW. OF OIL, GAS & MINING

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD Spud Date: 3/14/2009
 Project: UTAH-UINTAH Site: NBU 921-33F SWD Rig Name No:
 Event: COMPLETION Start Date: 11/24/2009 End Date: 12/1/2009
 Active Datum: RKB @4,954.00ft (above Mean Sea Level) UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:00	9.50	COMP	31	C	P		<p>0 PSI ON WELL, PU 9 5/8 ARROW SET 1 PKR W/ 2 SEALS IN COLLAR, AND 51JTS 31/2 9.3# J-55 & 10.05 SUB LINED TBG. PU HANGER W/ 5 SEALS IN BTM TO FILL VOID ABOVE PUP JT THREADS, (WILL HAVE TO WATCH SEALS WHEN HANGER IS BROKE OFF). LAND 31/2 ND 11" BOPS, PUMP 120 BBLs PKR FLUID SET PKR @ 1633.44' PACKED OFF PKR 30,000# OVER STRING WEIGHT. LAND TBG IN NEUTRAL. PRESSUR UP ON CSG TO 500# W/ BC QUICK TEST FOR 30 MIN ON CHART. NU WH SWI SDFWE.</p> <p align="center">RECEIVED DEC 14 2009 DIV. OF OIL, GAS & MINING</p> <p>KB 0' 11 HANGER = 1.00' 31/2 PUP JT = 9.80' LIED F/ TUBOSCOPE. 51 JT 31/2 9.30# J-55 = 1613.35' LINED FROM TUBOSCOPE 9 5/8 ARROW SET1 PKR = 9.29' EOT @ 1633.44'</p> <p>(2-SEALS INTO OF PKR) (5-SEALS IN BTM OF HANGER) PUMPED 120 BBLs PKR FLUID PRIOR TO SETTING PKR. HSM. PUMPING STEP RATE TEST MIRU BJ SERVICES. PRESSURE TEST SURFACE EQUIPMENT TO 4,828 PSI. MIRU DELSCO RIH W/ DOWN HOLE GUAGES TO 1,804'. START STEP RATE TEST. FILL HOLE W/ TREATED WATER. START PUMPING .75 BPM @ 115 PSI, 10 MIN. 169 PSI, 20 MIN. 196 PSI, 30 MIN. 211 PSI, 40 MIN. 222 PSI. 50 MIN 232 PSI, 60 MIN. 239 PSI. INCREASE RATE TO 1.5 BPM @ 259 PSI, 10 MIN. 268 PSI, 20 MIN. 269 PSI, 30 MIN. 270 PSI, 40 MIN. 264 PSI, 50 MIN. 259 PSI, 60 MIN. 253 PSI. INCREASE RATE TO 3.0 BPM @ 301 PSI, 10 MIN. 312 PSI, 20 MIN. 315 PSI, 30 MIN. 322 PSI, 40 MIN. 317 PSI, 50 MIN. 313 PSI, 60 MIN. 315 PSI. INCREASE RATE TO 6.0 BPM @ 446 PSI, 10 MIN. 457 PSI, 20 MIN. 464 PSI, 30 MIN. 475 PSI, 40 MIN. 485 PSI, 50 MIN. 487 PSI, 60 MIN. 493 PSI. INCREASE RATE TO 9.0 BPM @ 693 PSI, 10 MIN 690 PSI, 20 MIN. 688 PSI, 30 MIN. 690 PSI, 40 MIN. 701 PSI, 50 MIN. 702 PSI, 60 MIN. 691 PSI. INCREASE RATE TO 12 BPM @ 935 PSI, 10 MIN. 936 PSI, 20 MIN. 937 PSI, 30 MIN. 928 PSI, 40 MIN. 927 PSI, 50 MIN. 929 PSI, 60 MIN. 930 PSI. INCREASE RATE 10 15 BPM @ 1,272 PSI, 10 MIN. 1,253 PSI, 20 MIN. 1,240 PSI, 30 MIN. 1,222 PSI, 40 MIN. 1,201 PSI, 50 MIN. 1,189 PSI, 53 MIN. 1,196 PSI. ISIP 310 PSI. F.G. .61. POOH W/ DOWN HOLE PRESSURE GUAGES. SWI. RDMO DELSCO & BJ. TURN WELL OVER TO PRODUCTION. RU RIG</p>
7/13/2009	7:00 - 7:30	0.50	COMP	48		P		
	7:30 - 9:40	2.17	COMP	33	G	P		
	9:40 - 10:40	1.00	COMP	33	G	P		
	10:40 - 11:40	1.00	COMP	33	G	P		
	11:40 - 12:40	1.00	COMP	33	G	P		
	12:40 - 13:40	1.00	COMP	33	G	P		
	13:40 - 14:40	1.00	COMP	33	G	P		
	14:40 - 15:40	1.00	COMP	33	G	P		
	15:40 - 16:40	1.00	COMP	33	G	P		
	16:40 - 17:00	0.33	COMP	33	G	P		
11/24/2009	7:00 - 7:30	0.50	MAINT	48		P		

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No:

Event: COMPLETION

Start Date: 11/24/2009

End Date: 12/1/2009

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:30	10.00	MAINT	33		P		MIRU, BLOW DWN TGB 120#, CSG 100#,TGB FLOWING WILL NOT DIE, CSG 0#, FLOWED BACK 320 BBLS, 4 HRS., PUMPED 25 BBLS 10# BRINE DWN TBG TO KILL NU WH, RELEASE PACKER, NU BOP'S,LAY DWN HANGER RU EQUIP. SWIFN
11/25/2009	7:00 - 7:30	0.50	MAINT	48		P		POOH TBG
	7:30 - 7:30	0.00	MAINT	33		P		RU WASHINGTON HEAD, POOH 25 STANDS TBG, CHANGE OUT PACKERS, RU S/N 2 7/8" BELOW PACKER,RIH WITH ASSY, LAND TBG, RU DELSCO, RIH WITH XN TBG PLUG, RD DELSCO, WILL NOT TEST PLUG WON'T SEAT,POOH PLUG, RIH STANDING VALVE, PRESSURE TEST 500# 30 MIN, TBG TESTED OK, RD B& C QUICK TEST, RU DELSCO, PULL STANDING VALVE .PUMP PACKER FLUID, SEAT PACKER. LAND TBG. PRESSURED CSG UP , HANGER FAILED AT 200# PU RELEASE PACKER PULL HANGER TO SURFACE, RUBBER SEAL RUINED. SWIFWE
11/30/2009	7:00 - 7:30	0.50	MAINT	48		P		ND BOP'S
	7:30 - 15:00	7.50	MAINT	33				CSG 80#,TRY TO DRESS HANGER, PROBLEMS WITH COMPRESSION RUBBER AND SNAP RING, SEN TO VERNAL TO MACHINE AND REDRESS. SWIFN
12/1/2009	7:00 - 7:30	0.50	MAINT	48		P		ND BOP'S, LAND TBG
	7:30 - 7:30	0.00	MAINT	33				NU TBG HANGER, PUMP 110 BBLS PACKER FLUID, SET PACKER, LAND TBG. NU WH,TEST HANGER INTERGERTY TO 5000#, CSG 500# 30 MIN, TBG 500# 30 MIN.RDMO

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DEC 14 2009

DIV. OF OIL, GAS & MINING



Kerr-McGee Oil & Gas Onshore LP

1368 South 1200 East Vernal Utah 84078
Telephone: 435-789-4433 Fax: 435-781-7094

April 20, 2010

Mr. Nathan Wisner
US Environmental Protection Agency
U.S. EPA Region 8 (8ENF-UFO)
1595 Wynkoop Street
Denver, Colorado 80202-2466

RECEIVED

MAY 05 2010

43 047 40253
9S 21E 33

DIV. OF OIL, GAS & MINING

Re: UIC SWD Permit UT21143-07788
NBU 921-33F SWD
Well rework and Part I MIT
Uintah County, Utah

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Dear Mr. WISER,

On April 5, 2010 Kerr McGee Oil & Gas reported to the EPA-UIC Program the loss of Mechanical Integrity on the NBU 921-33F SWD well. This is not the first loss of MIT on this well and it has been worked over before. In the past we have replaced the packer and tubing so it was decided that we had two options to restore MIT. The first and cheapest option is to raise the packer above the DV tool. The second option would be to run new 7" casing inside the current 9 5/8" casing and re-cement the well.

Also this well has a history of holding MIT for several days after being reworked and then a few weeks after injection resumes we see pressure on the backside. Therefore it was decided to go with the first option. So therefore the well was re-worked which consisted of removing one joint of tubing and raising the packer above the DV tool. We then conducted a pressure test and demonstrated successful part I MIT which has held for eleven days. So at this time we are requesting authorization to inject.

Please find enclosed the following:

- 1) Well Rework Record
- 2) MIT and chart 4-9-2010
- 3) Current Well bore diagram

The well is currently shut in and we are awaiting your response and permission to resume injection. Also if you need clarification of any of the attached materials or additional information, please feel free to contact me with any questions or requests.

Sincerely,

A handwritten signature in cursive script that reads "Grizz Oleen". The signature is written in black ink and is positioned above the typed name.

Grizz Oleen

Staff Environmental Analyst

Kerr McGee Oil and Gas Company, L.P.

435-781-7009

435-790-9669

Enclosure: Several

cc: Energy & Mineral Res Dept, Ute Indian Tribe
BIA, Uintah & Ouray Indian Agency
Gil Hunt UDOGM



United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee Kerr McGee Oil & Gas Onshore, L.P. 1368 S 1200 E Vernal, UT 84078	Name and Address of Contractor _____
--------------------------------------------------------------------------------------------------------------	------------------------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres 	State Utah	County Uintah	Permit Number UT21143-07788
Surface Location Description SE 1/4 of NW 1/4 of ___ 1/4 of ___ 1/4 of Section <u>33</u> Township 9S Range <u>21E</u>			
Locate well in two directions from nearest lines of quarter section and drilling unit Surface Location <u>1760</u> ft. frm (N/S) <u>N</u> Line of quarter section and <u>1755</u> ft. from (E/W) <u>W</u> Line of quarter section.			
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name NBU	Total Depth Before Rework 2240' Total Depth After Rework 2240' Date Rework Commenced 04/09/2010 Date Rework Completed 04/09/2010	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <u>1</u> Well Number NBU 921-33F SWD	

WELL CASING RECORD -- BEFORE REWORK						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9 5/8	2200'	2200'	Class G	1664'	1970'	
3 1/2	1625'					

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9 5/8	2200'	2200'	Class G	1664'	1970'	
3 1/2	1594'					

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY Pulled one joint of tubing and reset the packer above the DV tool. Then preformed a part I MIT.	WIRE LINE LOGS, LIST EACH TYPE <table border="1" style="width:100%"> <tr> <th>Log Types</th> <th>Logged Intervals</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		Log Types	Logged Intervals						
Log Types	Logged Intervals									

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print) Grizz Olcen Staff Environmental Analyst	Signature 	Date Signed 04/20/2010
--------------------------------------------------------------------------------------------------	----------------------	----------------------------------

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency Region 8
Underground Injection Control Program
1595 Wynkoop Street, Denver, CO 80202-1129

EPA Witness: NONE Date 4 / 09 / 2010

Test conducted by: BC QUICK TEST

Others present: BRET GARDINER, CASITY FELLINGEM BRAD GETCHELL

Well Name: <u>NBU 921-33F SWD</u>	Type: ER SWD	Status: AC
	TA UC	
Field: <u>Greater Natural Buttes</u>		
Location: _____ Sec: <u>33</u> T <u>9S</u> N/S R <u>21</u> E/W County: <u>UINTAH</u> State: <u>UT</u>		
Operator: <u>Anadarko Petroleum Corporation</u>		
Last MIT: <u>2 / 24 / 10</u> Maximum Allowable Pressure: <u>300</u> PSIG		

Is this a regularly scheduled test? [] Yes [] No

Initial test for permit? [] Yes [] No

Test after well rework? [] Yes [] No

Well injecting during test? [] Yes [] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ 0 _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	500 psig	psig	psig
5 minutes	500 psig	psig	psig
10 minutes	500 psig	psig	psig
15 minutes	500 psig	psig	psig
20 minutes	500 psig	psig	psig
25 minutes	500 psig	psig	psig
30 minutes	500 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[<input checked="" type="checkbox"/>] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

Does the annulus pressure build back up after the test? [] Yes [] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

UNLAND TUBING & RELEASED PACKER. CONTROLLED WELL. LAID DOWN ONE JOINT TUBING (31.28'). MIXED PACKER FLUID, SET PACKER @ 1594'-1603', LAND TUBING ON HANGER W/ 10.000# COMPRESSION. NU WELLHEAD, FILL HOLE W/ PACKER FLUID AND PRESSURE TESTED TO 500# AND HELD FOR 30 MIN. CHARTED NO PRESS DROP.

Signature of Witness: BRET GARDINER, CASITY FELLINGEM BRAD GETCHELL

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? YES NO

If not, why?

Possible violation identified? YES NO

If YES, what

If YES - followup initiated? YES

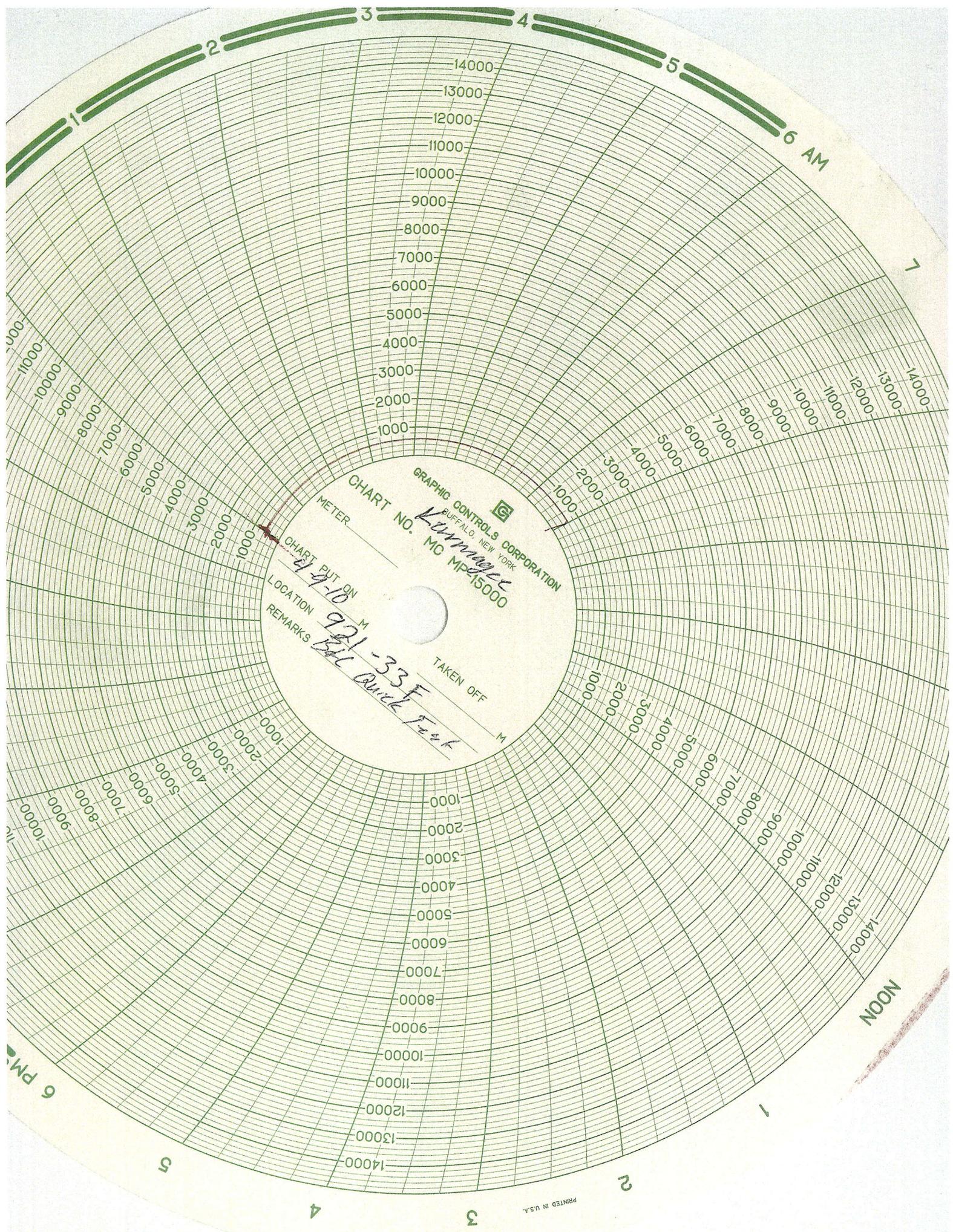
NO - why not?

Data Entry

Compliance Staff

2nd Data Entry

Hardcopy Filing



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. *Kammack*
MC MP15000

METER

CHART PUT ON *4-4-10* M

LOCATION *921-33F*

REMARKS *But Quick Test*

TAKEN OFF

WELL: NBU 921-33F SWD
 FIELD: NATURAL BUTTES
 API #: _____
 LEASE #: U-015630-ST
 EPA PERMIT #: _____

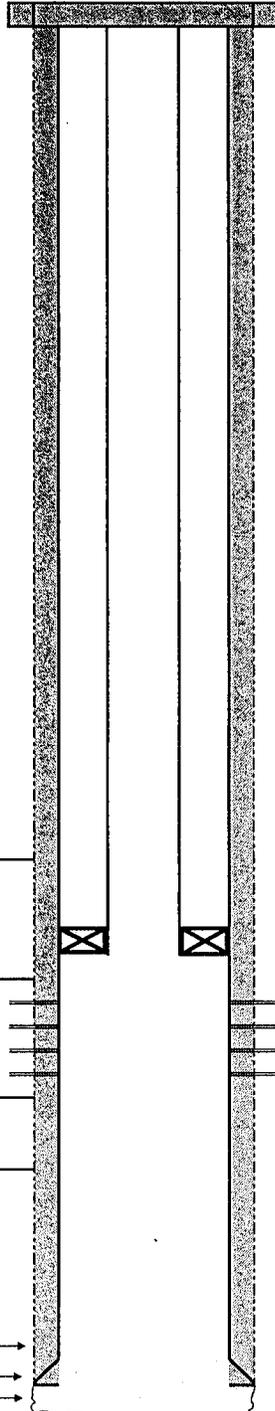
CNTY: UINTAH
 STATE: UTAH

FT.: 1762' FNL 1755' FWL
 Q-Q: SENW
 SEC.: 33
 TWS: 9S
 RGE: 21E

CURRENT WELLBORE DIAGRAM (4/9/2010)

KB (ft): _____
 GL (ft): 4954
 TD (ft): ~2240
 PBTD (ft): ~2160

Cement Top at Surface



CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)
12 1/4	9 5/8	36	J-55	0	~2200

TUBING RECORD

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)
3 1/2	9.3	J-55	0	~1630'
3 1/2	SN			~1630'
9 5/8	Packer			~1632'

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	DATE SHOT	STATUS
TO BE DETERMINED					

Base of USDW's <~1645'

Top of Green River,
 @ ~1514'
 Upper Confining Zone,
 ~1514' to ~1645'

Injection Zone,
 ~1645' to ~1970'

Lower Confining Zone,
 Zone, ~1970' to ~2044'

PBTD @ ~2160
 9.625" csg. @ ~2200
 TD @ ~2240'

Packer at 1594'-1603"

Birds Nest perforations within
 gross interval ~1645' through ~1970'



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAY 03 2010

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-7157
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Grizz Oleen, Staff Environmental Analyst
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

43 047 40253
95 21E 33

Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #921-33F SWD Well
EPA Permit #UT21143-07788
Natural Buttes Gas Field
Uintah County, Utah

RECEIVED
MAY 06 2010
DIV. OF OIL, GAS & MINING

Dear Mr. Oleen:

On April 28, 2010, EPA received a letter from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the workover to address the well's April 2, 2010, loss of mechanical integrity. This letter indicates Kerr McGee moved the packer on this well to a location above the DV tool in the 9-5/8" longstring casing but within 100 feet of the well's uppermost open perforation. After performing this well rework, Kerr McGee performed a mechanical integrity test (MIT) on April 9, 2010. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before April 9, 2015.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



for Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 15630
---------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NBU 921-33F SWD
------------------------------------------------	----------------------------------------------------

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047402530000
-------------------------------------------------------------------	-----------------------------------------

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
-------------------------------------------------------------------------------------------------------	------------------------------------------	--------------------------------------------------------

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762 FNL 1755 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 33 Township: 09.0S Range: 21.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/4/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR SUSPECTS THERE TO BE A CASING LEAK IN THIS WELL. THE OPERATOR REQUESTS AUTHORIZATION TO RUN NEW CASING IN THIS WELL. PLEASE SEE ATTACHED CASING RUN PROCEDURE.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 07, 2010
By: *Derek [Signature]*

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/2/2010

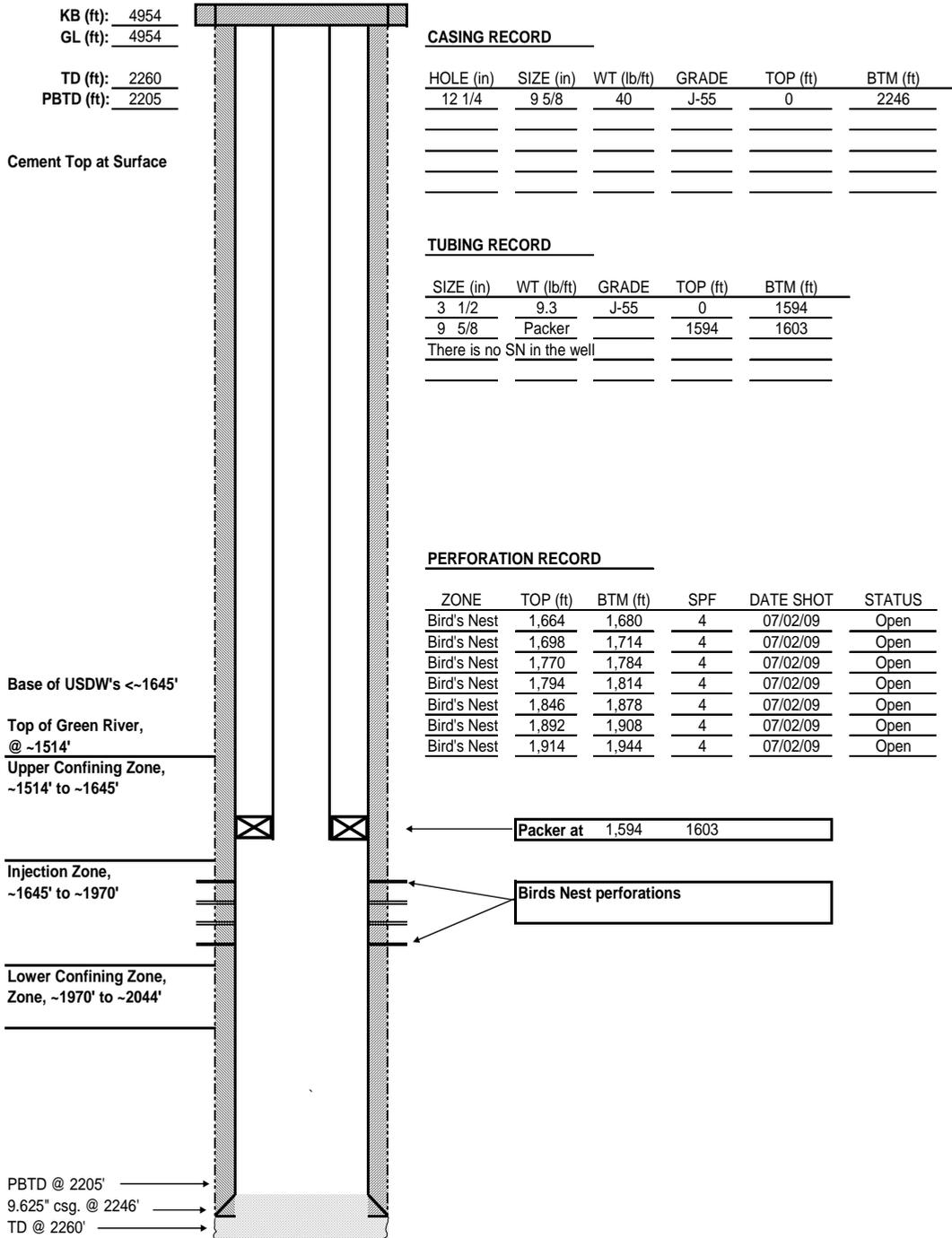
- MIRU. NDWH & NU BOPE.
- Kill well and release packer. POOH laying down 3 ½" FL injection string. Visually inspect tubing and hanger for possible leaks. Store tubing on pipe racks nearby to be rerun. Weatherford rep to be on location.
- Rig up wireline and RIH and set a 9 5/8" CBP ± 1654' (±10' above top perf).
- Pressure test casing to 1000 psi.
- Rig up casing crew and RIH w/ 7" 23# J-55 casing with associated cement float equipment and centralizers. Set casing as close to CBP as possible (±1645') for a good cement job. Note: Run centralizers on the bottom three joints and every third joint to surface.
- Cement 7" in place with class "G" cement. Ensure to circulated cement to surface. RDMOL and WOC. Modify wellhead for 7" casing.

After cement has cured (a minimum of 5 days);

- MIRU. NDWH & NU BOPE.
- P/U a work string. RIH w/ a 6 1/4" bit. D.O. float equipment, cement, CBP, and C/O to PBTD. POOH laying down work string.
- PU a new 7" packer and 3 ½" injection tubing. RIH. Land packer @ ± end of 7' casing. Do not run a SN
- Pump packer fluid, set Packer, and perform a charted MIT (500# for 30 min.).
- ND BOPE & NUWH
- RDMOL

WELL: NBU 921-33F SWD CNTY: UINTAH FT.: 1762' FNL 1755' FWL
 FIELD: NATURAL BUTTES STATE: UTAH Q-Q: SENW
 API #: _____ SEC.: 33
 LEASE #: U-015630-ST TWS: 9S
 EPA PERMIT #: _____ RGE: 21E

CURRENT WELLBORE DIAGRAM (4/9/2010)



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 15630
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
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-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/20/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR HAS CONCLUDED CASING REPAIR/REPLACEMENT OPERATIONS ON THE SUBJECT WELL ON 10/20/2010. WORK ON THE WELL CONSISTED OF RUNNING NEW 7" CASING. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY FOR DETAILS OF THE OPERATION.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/25/2010

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No: SWABBCO 1/1

Event: WELL WORK EXPENSE

Start Date: 10/7/2010

End Date: 10/20/2010

Active Datum: RKB @4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/11/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- ND/NU. WORKING 7" CSG.
	7:15 - 11:00	3.75	COMP	30	F	P		SITP 0, SICP 0. ND WH. NU 11" 5K BOP. RU FLOOR AND TBG EQUIP. UNLAND 11" 5K HANGER. RELEASE 9-5/8" PKR FROM 1594'. LD HANGER. POOH AS LD 3-1/2" X 10' TBG SUB. 50-JTS 3-1/2" F/L J-55 TBG. LD PKR. PKR LOOKED GOOD.
	11:00 - 12:30	1.50	COMP	34	I	P		MIRU CUTTERS. RIH W/ 9-5/8" CBP AND SET AT 1654'. POOH W/ EWL. FILL CSG W/ 10 BBLs AND P-TEST TO 1000#. GOOD. RD CUTTERS
	12:30 - 14:00	1.50	COMP	30	F	P		CHANGE OUT FOR 7" PIPE RAMS.
	14:00 - 19:00	5.00	COMP	31	I	P		MIRU FRANKS WESTATES CSG. MU AND RIH W/ 7" SURE SEAL FLOAT SHOE, 1-JT 7" 23# J-55 CSG, 7" SURE SEAL FLOAT COLLAR, 36-JTS 7" 23# J-55 CSG. RAN 4.4' IN W/ NEXT JT (#38). SHOE AT 1648'. FILLED CSG EVERY 8-JTS AS RIH. PU CMT HEAD AND SDFN.
10/12/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- CMT
	7:15 - 10:30	3.25	COMP	51	C	P		RU PROPETRO. HSM. P-TEST LINES TO 1000#. GOOD. PMP 5 BBLs TO GET CIRC. PMP 40 BBL TOT FRESH. PMP 258 SX G CMT (52.8 BBLs). DROP WIPER PLUG AND DISPLACE W/ 63.5 BBLs FRESH. LIFT PRESSURE 700, BUMP PLUG TO 900. DID NOT GET CMT TO SURFACE. CONFER WITH ROBERT. RD PROPETRO. PULL SLIPS AND SDFN. WOC. NOTE: FOUND OUT AFTER CMT WAS DONE WE WERE SHORTED ON CMT VOLUMES ONLY PUMPED 185 SX, 37.9 BBLs. EST TOC POSS 368' MAX.
10/13/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- LANDING CSG IN SLIPS.
	7:15 - 12:00	4.75	COMP	33		P		RACK OUT TBG EQUIP. UNBOLT BOP. SET 7" CSG SLIPS IN 23K COMP. RAISE BOP AND CUT OFF 7" CSG. MOVE OUT BOP AND LD CUT OFF 7" JT. DRESS UP 7" TOP AND NU 11"5K X 7" 10K B-SECTION. P-TEST VOID TO 4000#. SOLID TEST. NU WH. RDSU AND MOVE OFF. WAIT ON CMT.
10/18/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, DRIVING RIG & EQUIP IN MUDDY ROADS.
	7:30 - 13:00	5.50	COMP	30	A	P		RD OFF NBU 921-34H, MIRU ON MUDDY ROADS, ND WH NU 7" X 10" SPOOL & BOPS RU FLOOR X/O EQUIP TO 27/8.
	13:00 - 19:00	6.00	COMP	31	I	P		PU 61/4 BIT, BIT SUB & 51 JTS 27/8 N-80, TAG UP @ 1576.46'. RU DRLG EQUIP BROKE CIRC, DRILL F/ 1576' TO 1600'. D/O FLOAT DRILL TO 1630' CIRC CLEAN, L/D 2 JTS SWI SDFN.
10/19/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, TRIPPING TBG IN THE DERICK, WATCHING PINCH POINTS.
	7:30 - 8:00	0.50	COMP	31	I	P		0 PSI ON WELL, POOH W/ 50 JTS 27/8 N-80 L/D BIT. TOP OFF WELL W/ WTR.
	8:00 - 11:00	3.00	COMP	41	A	P		RU CUTTERS, RIH RAN CBL F/ 1619 WLM TO SURF UNDER 1,000# PSI. RD CUTTERS. CMT TOP @ 340'
	11:00 - 11:30	0.50	COMP	33	C	P		RU B&C TEST 7" CSG TO 3,000# FOR 30 MIN ON CHART GOOD TEST.
	11:30 - 12:30	1.00	COMP	31	I	P		RIH W/ 6 1/4 BIT, BIT SUB, 50 JTS TBG OUT OF DERICK PU 2 JTS, TAG UP @ 1630'.

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD

Spud Date: 3/14/2009

Project: UTAH-UINTAH

Site: NBU 921-33F SWD

Rig Name No: SWABBCO 1/1

Event: WELL WORK EXPENSE

Start Date: 10/7/2010

End Date: 10/20/2010

Active Datum: RKB @ 4,954.00ft (above Mean Sea Level)

UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:30 - 17:00	4.50	COMP	44	C	P		RU DRLG EQUIP BROKE CIRC DRL CMT F/ 1630' TO 1646' DRL TROUGH CSG SHOE, DRL TO 1654' DRL TO 1655.5' ON 95/8 CBP CIRC WELL CLEAN PULL UP OFF BTM SWI SDFN.
10/20/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, LAYING DWN TBG ON FLOAT.
	7:30 - 8:00	0.50	COMP	44	C	P		0 PSI ON WELL, D/O REM 95/8 CBP HANG BACK SWIVEL.
	8:00 - 18:00	10.00	COMP	31	I	P		RIH TAG UP @ 2196' PBD @ 2205'. L/D ALL 27/8 TBG & 61/4 BIT, RACK OUT SWIVEL. X/O EQUIP TO 31/2. PU WEATHERFORS 7" ARROW SET1 PKR & 51 JTS 3/12 9.3# J-55 TBG PU 9.70' PUP & CAMERON HANGER & LAND SAME, PMP 45 BBLS PKR FLUID, UNLAND & SET PKR CENTER RUBBER @ 1621.29' EOT @ 1607.27', NU WH TEST CSG TO 500 PSI W/ B&C FOR 30 MIN, GOOD TEST NO BLEAD OFF.RD B&C SWI SDFN. ALL TBG WAS RESEALED, SEALS ARE IN PKR & HANGER. KB= 0 71/6 CAMRON HANGER= .50' 31/2 9.3# PUP JT= 9.70' 51 JTS 31/2 9.3# J-55= 1607.27' 7" AS1 WEATHERFORD 23# NICKLE PLATED PKR= 8.30' CENTER RUBB @ 1621.29' EOT @ 1625.77' 45 BBLS PKR FLUID PUMPED DWN CSG.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED

NOV 04 2010

DIV. OF OIL, GAS & MINING

OCT 28 2010

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4846-7333
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Grizz Oleen, Staff EHS Representative
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #921-33F SWD Well
EPA Permit #UT21143-07788
API # 43-047-40253
Natural Buttes Gas Field
Uintah County, Utah

95 21E 33

Dear Mr. Oleen:

On October 26, 2010, EPA received information from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the workover to address its chronic loss of mechanical integrity by cementing a 7-inch liner inside the 9-5/8 inch casing from 1648 feet to surface, and the followup mechanical integrity test (MIT) conducted on October 20, 2010. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before October 20, 2015.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Sandra A. Stavnes, Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Frances Poowegup, Vice Chairwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

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Manuel Myore, Energy, Minerals and Air Director
Ute Indian Tribe
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Fort Duchesne, Utah 84026

Dan Jarvis
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 15630
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: NBU 921-33F SWD
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047402530000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762 FNL 1755 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 33 Township: 09.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/20/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR HAS CONCLUDED CASING REPAIR/REPLACEMENT OPERATIONS ON THE SUBJECT WELL ON 10/20/2010. WORK ON THE WELL CONSISTED OF RUNNING NEW 7" CASING. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY FOR DETAILS OF THE OPERATION.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/25/2010

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-33F SWD Spud Date: 3/14/2009
 Project: UTAH-UINTAH Site: NBU 921-33F SWD Rig Name No: SWABBCO 1/1
 Event: WELL WORK EXPENSE Start Date: 10/7/2010 End Date: 10/20/2010
 Active Datum: RKB @4,954.00ft (above Mean Sea Leve UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/11/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- ND/NU. WORKING 7" CSG.
	7:15 - 11:00	3.75	COMP	30	F	P		SITP 0, SICP 0. ND WH. NU 11" 5K BOP. RU FLOOR AND TBG EQUIP. UNLAND 11" 5K HANGER. RELEASE 9-5/8" PKR FROM 1594'. LD HANGER. POOH AS LD 3-1/2" X 10' TBG SUB. 50-JTS 3-1/2" F/L J-55 TBG. LD PKR. PKR LOOKED GOOD.
	11:00 - 12:30	1.50	COMP	34	I	P		MIRU CUTTERS. RIH W/ 9-5/8" CBP AND SET AT 1654'. POOH W/ EWL. FILL CSG W/ 10 BBLs AND P-TEST TO 1000#. GOOD. RD CUTTERS
	12:30 - 14:00	1.50	COMP	30	F	P		CHANGE OUT FOR 7" PIPE RAMS.
	14:00 - 19:00	5.00	COMP	31	I	P		MIRU FRANKS WESTATES CSG. MU AND RIH W/ 7" SURE SEAL FLOAT SHOE, 1-JT 7" 23# J-55 CSG, 7" SURE SEAL FLOAT COLLAR, 36-JTS 7" 23# J-55 CSG. RAN 4.4' IN W/ NEXT JT (#38). SHOE AT 1648'. FILLED CSG EVERY 8-JTS AS RIH. PU CMT HEAD AND SDFN.
10/12/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- CMT
	7:15 - 10:30	3.25	COMP	51	C	P		RU PROPETRO. HSM. P-TEST LINES TO 1000#. GOOD. PMP 5 BBLs TO GET CIRC. PMP 40 BBL TOT FRESH. PMP 258 SX G CMT (52.8 BBLs). DROP WIPER PLUG AND DISPLACE W/ 63.5 BBLs FRESH. LIFT PRESSURE 700, BUMP PLUG TO 900. DID NOT GET CMT TO SURFACE. CONFER WITH ROBERT. RD PROPETRO. PULL SLIPS AND SDFN. WOC. NOTE: FOUND OUT AFTER CMT WAS DONE WE WERE SHORTED ON CMT VOLUMES ONLY PUMPED 185 SX, 37.9 BBLs. EST TOC POSS 368' MAX.
10/13/2010	7:00 - 7:15	0.25	COMP	48		P		JSA- LANDING CSG IN SLIPS.
	7:15 - 12:00	4.75	COMP	33		P		RACK OUT TBG EQUIP. UNBOLT BOP. SET 7" CSG SLIPS IN 23K COMP. RAISE BOP AND CUT OFF 7" CSG. MOVE OUT BOP AND LD CUT OFF 7" JT. DRESS UP 7" TOP AND NU 11"5K X 7" 10K B-SECTION. P-TEST VOID TO 4000#, SOLID TEST. NU WH. RDSU AND MOVE OFF. WAIT ON CMT.
10/18/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, DRIVING RIG & EQUIP IN MUDDY ROADS.
	7:30 - 13:00	5.50	COMP	30	A	P		RD OFF NBU 921-34H, MIRU ON MUDDY ROADS, ND WH NU 7" X 10" SPOOL & BOPS RU FLOOR X/O EQUIP TO 27/8.
	13:00 - 19:00	6.00	COMP	31	I	P		PU 61/4 BIT, BIT SUB & 51 JTS 27/8 N-80, TAG UP @ 1576.46'. RU DRLG EQUIP BROKE CIRC, DRILL F/ 1576' TO 1600'. D/O FLOAT DRILL TO 1630' CIRC CLEAN, L/D 2 JTS SWI SDFN.
10/19/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, TRIPPING TBG IN THE DERICK, WATCHING PINCH POINTS.
	7:30 - 8:00	0.50	COMP	31	I	P		0 PSI ON WELL, POOH W/ 50 JTS 27/8 N-80 L/D BIT. TOP OFF WELL W/ WTR.
	8:00 - 11:00	3.00	COMP	41	A	P		RU CUTTERS, RIH RAN CBL F/ 1619 WLM TO SURF UNDER 1,000# PSI. RD CUTTERS. CMT TOP @ 340'
	11:00 - 11:30	0.50	COMP	33	C	P		RU B&C TEST 7" CSG TO 3,000# FOR 30 MIN ON CHART GOOD TEST.
	11:30 - 12:30	1.00	COMP	31	I	P		RIH W/ 6 1/4 BIT, BIT SUB, 50 JTS TBG OUT OF DERICK PU 2 JTS, TAG UP @ 1630'.

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-33F SWD		Spud Date: 3/14/2009	
Project: UTAH-UINTAH		Site: NBU 921-33F SWD	Rig Name No: SWABBCO 1/1
Event: WELL WORK EXPENSE		Start Date: 10/7/2010	End Date: 10/20/2010
Active Datum: RKB @4,954.00ft (above Mean Sea Leve			
UWI: 0/9/S/21/E/33/0/SENW/6/PM/N/1,762.00/W/0/1,755.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:30 - 17:00	4.50	COMP	44	C	P		RU DRLG EQUIP BROKE CIRC DRL CMT F/ 1630' TO 1646' DRL TROUGH CSG SHOE, DRL TO 1654' DRL TO 1655.5' ON 95/8 CBP CIRC WELL CLEAN PULL UP OFF BTM SWI SDFN.
10/20/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, LAYING DWN TBG ON FLOAT.
	7:30 - 8:00	0.50	COMP	44	C	P		0 PSI ON WELL, D/O REM 95/8 CBP HANG BACK SWIVEL.
	8:00 - 18:00	10.00	COMP	31	I	P		RIH TAG UP @ 2196' PBTD @ 2205'. L/D ALL 27/8 TBG & 61/4 BIT, RACK OUT SWIVEL. X/O EQUIP TO 31/2. PU WEATHERFORS 7" ARROW SET1 PKR & 51 JTS 3/12 9.3# J-55 TBG PU 9.70' PUP & CAMERON HANGER & LAND SAME, PMP 45 BBLS PKR FLUID, UNLAND & SET PKR CENTER RUBBER @ 1621.29' EOT @ 1607.27', NU WH TEST CSG TO 500 PSI W/ B&C FOR 30 MIN, GOOD TEST NO BLEAD OFF.RD B&C SWI SDFN. ALL TBG WAS RESEALED, SEALS ARE IN PKR & HANGER.
								KB= 0 71/6 CAMRON HANGER= .50' 31/2 9.3# PUP JT= 9.70' 51 JTS 31/2 9.3# J-55= 1607.27' 7" AS1 WEATHERFORD 23# NICKLE PLATED PKR= 8.30' CENTER RUBB @ 1621.29' EOT @ 1625.77'
								45 BBLS PKR FLUID PUMPED DWN CSG.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAY 21 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2595-7253
RETURN RECEIPT REQUESTED

RECEIVED

MAY 24 2012

Grizz Oleen, Staff EHS Representative
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

DIV. OF OIL, GAS & MINING

Re: *9S 21E 33*
Underground Injection Control (UIC)
Permission to Resume Injection
NBU 921-33F SWD Well
EPA ID# UT21143-07788
API # 43-047-40253
Natural Buttes Oil Field
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Oleen:

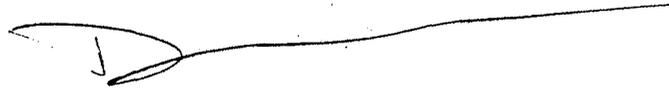
On May 17, 2012, the Environmental Protection Agency (EPA) received information from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on May 17, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before May 17, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

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If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
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