

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: ST UO 1194A	6. SURFACE: State
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"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP		8. UNIT or CA AGREEMENT NAME: Unit 891008900A	
3. ADDRESS OF OPERATOR: P.O. Box 173779 Denver Colorado 80217-3779		9. WELL NAME and NUMBER: NBU 921-34L SWD	
PHONE NUMBER: 720-929-6226		10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2649' FSL & 423' FWL LAT 39.992214 LON -109.54505(NAD 27) AT PROPOSED PRODUCING ZONE: N/A		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW Sec. 34 T 9 S - R 21 E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 16.2 miles east of Ouray, Utah		12. COUNTY: Uintah	13. STATE UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 423'	16. NUMBER OF ACRES IN LEASE: 1292.39	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 75'	19. PROPOSED DEPTH: 2200'	20. BOND DESCRIPTION: RLB0005237	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5005' GR	22. APPROXIMATE DATE WORK WILL START: ASAP	23. ESTIMATED DURATION: 10 days	

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

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 *Kevin McIntyre* DATE July 23, 2008

(This space for State use only)

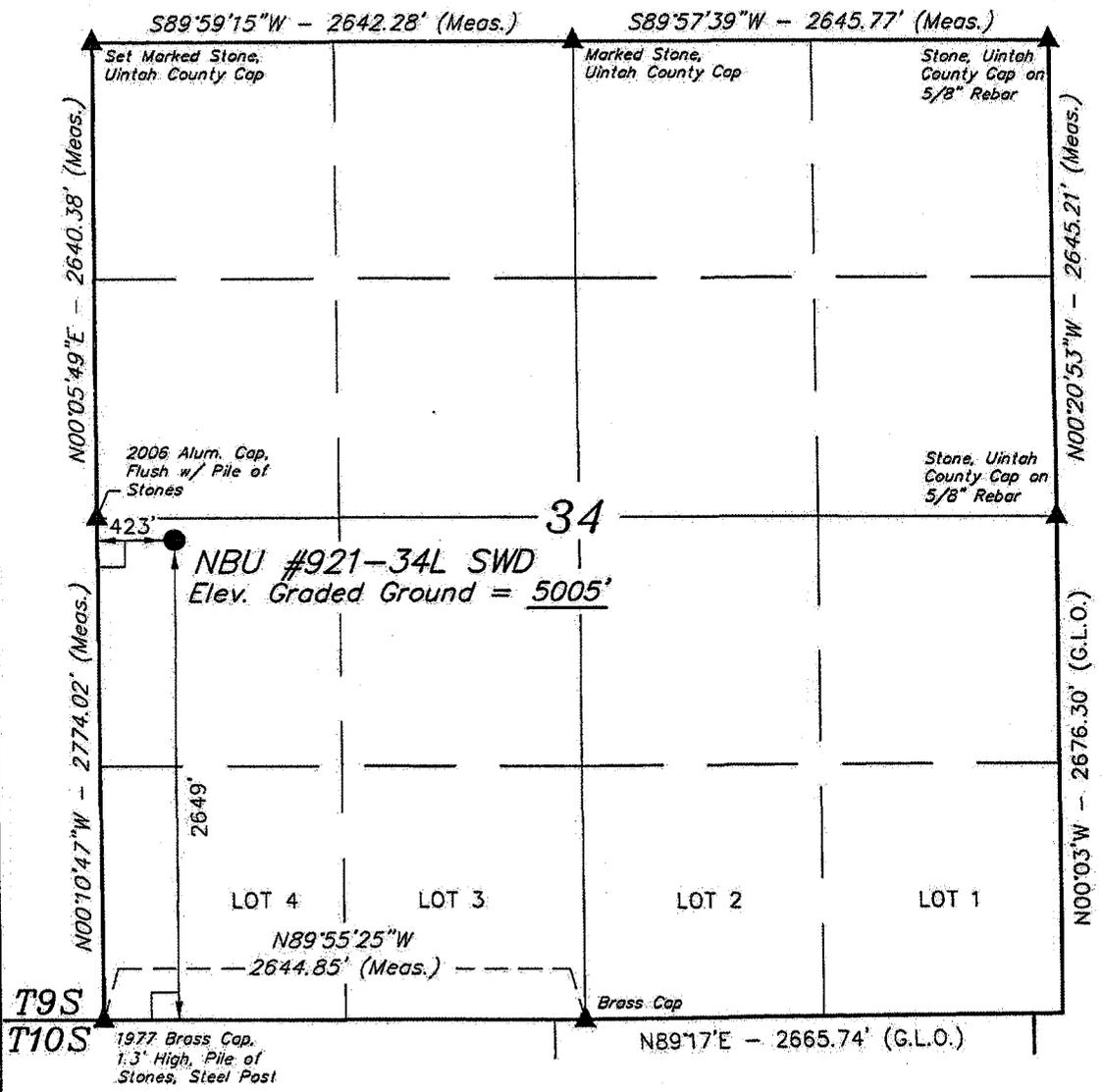
Approved by the
**Utah Division of
Oil, Gas and Mining**

RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-047-40255 APPROVAL: Date: 7-23-08

By: *[Signature]*

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



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°59'31.84" (39.992178)
 LONGITUDE = 109°32'44.66" (109.545739)
 (NAD 27)
 LATITUDE = 39°59'31.97" (39.992214)
 LONGITUDE = 109°32'42.18" (109.545050)

Kerr-McGee Oil & Gas Onshore LP

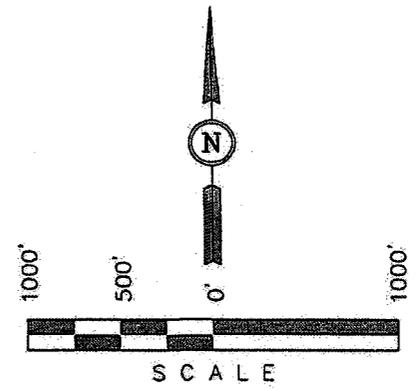
Well location, NBU #921-34L SWD, located as shown in the NW 1/4 SW 1/4 of Section 34, T9S; R21E, S.L.B.&M. Uintah County, Utah.

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, UTAH 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.

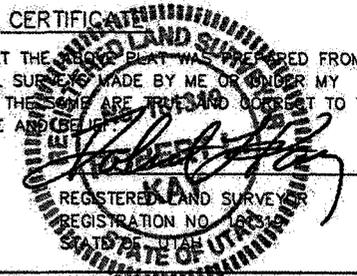
BASIS OF BEARINGS

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



CERTIFICATE OF SURVEY

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED 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.



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

SCALE 1" = 1000'	DATE SURVEYED: 1-4-07	DATE DRAWN: 1-11-07
PARTY D.K. M.B. K.G.		REFERENCES G.L.O. PLAT
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 921-34L SWD
NWSW, SEC. 34, T9S, R21E
UINTAH COUNTY, UTAH
ST UO-1194A**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1491'
Base of Upper Confining	1663'
Top of Lower Confining	1951'
Base of Lower Confining	2033'
TD	2200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1491'
Water	Base of Upper Confining	1663'
Water	Top of Lwr Confining	1951'
Water	Base of Lwr Confining	2033'
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. **Variations:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.

**NBU 921-34L SWD
NWSW SEC 34-T9S-R21E
Uintah County, UT
ST UO 1194A**

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 921-34L 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

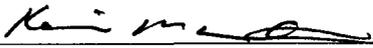
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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 #921-34L SWD

SECTION 34, 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 SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 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 NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.6 MILES.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	July 28, 2008
WELL NAME	NBU 921-34L SWD	TD	2,200' MD/TVD
FIELD	Natural Buttes	COUNTY	Utah STATE Utah ELEVATION 5,005' GL KB NA
SURFACE LOCATION	NW/SW SEC. 34, T9S, R21E 2649'FSL, 423'FWL		BHL Straight Hole
	Latitude: 39.982214	Longitude: -109.545050	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#, J65, STC	Air mist Aerated water
	Green River @	1,491			
	Base of Upper Confining @	1,663			
	Top of Lower Confining @	1,951			
	Base of Lower Confining @	2,033			
	Preset #/ 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'						
SURFACE	9 5/8"	0 to 2200	36.00	J-55	STC	3620	2020	394000
						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: _____ DATE: _____
 Steve McPherson

DRILLING SUPERINTENDENT: _____ DATE: _____
 Randy Bayne NBU 921-34L SWD.xls

Kerr-McGee Oil & Gas Onshore LP

NBU #921-34L SWD

LOCATED IN UINTAH COUNTY, UTAH
SECTION 34, T9S, R21E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

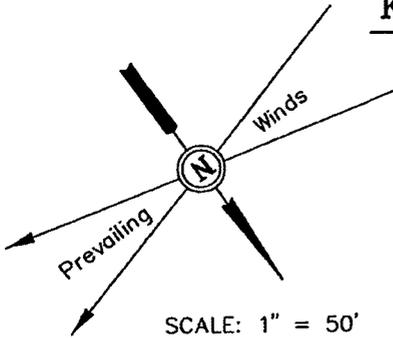
UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

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

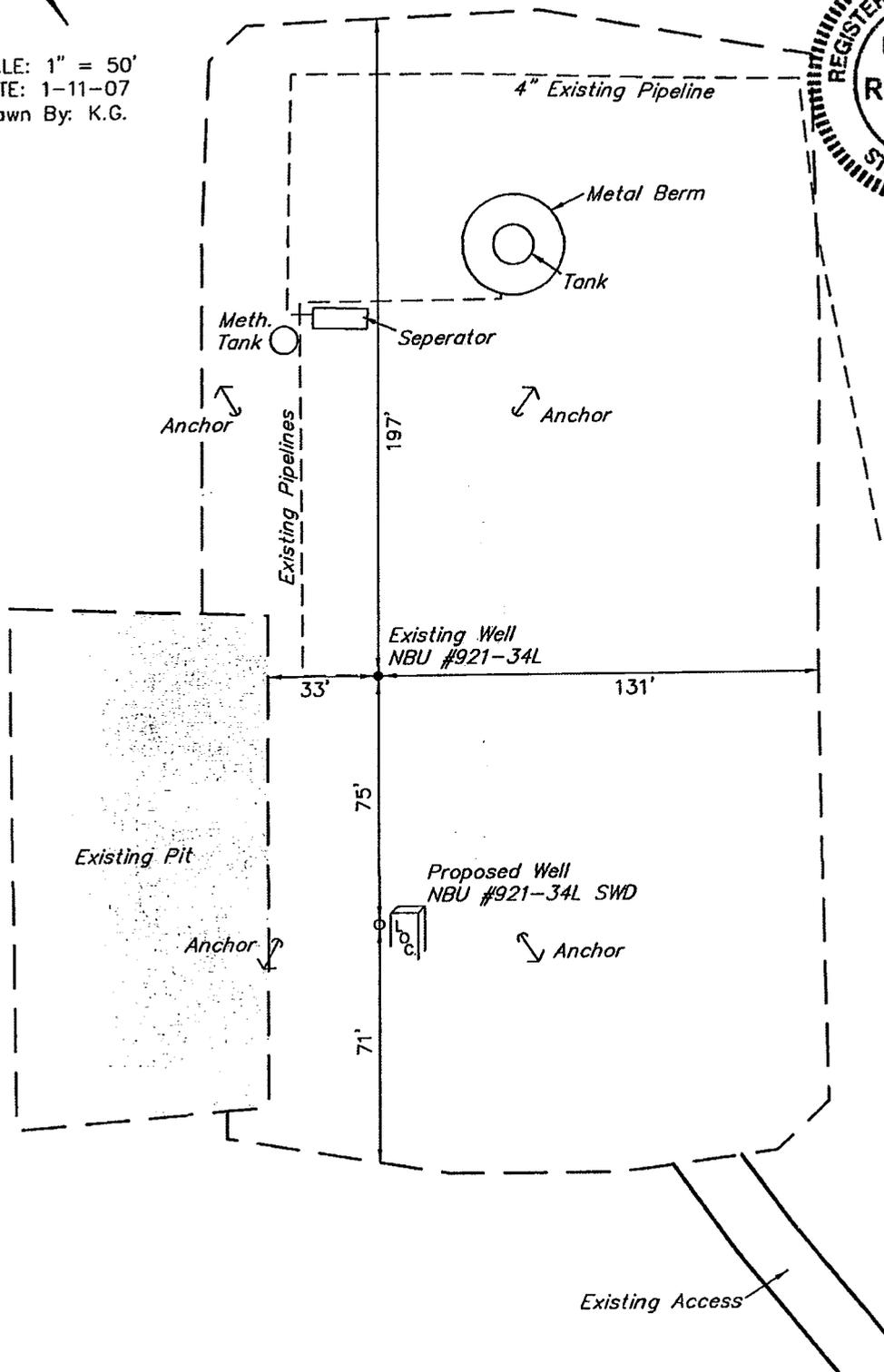
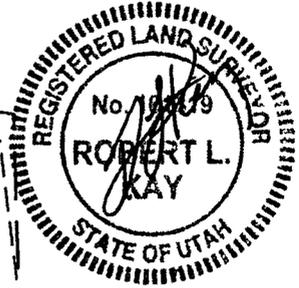
Kerr-McGee Oil & Gas Onshore LP

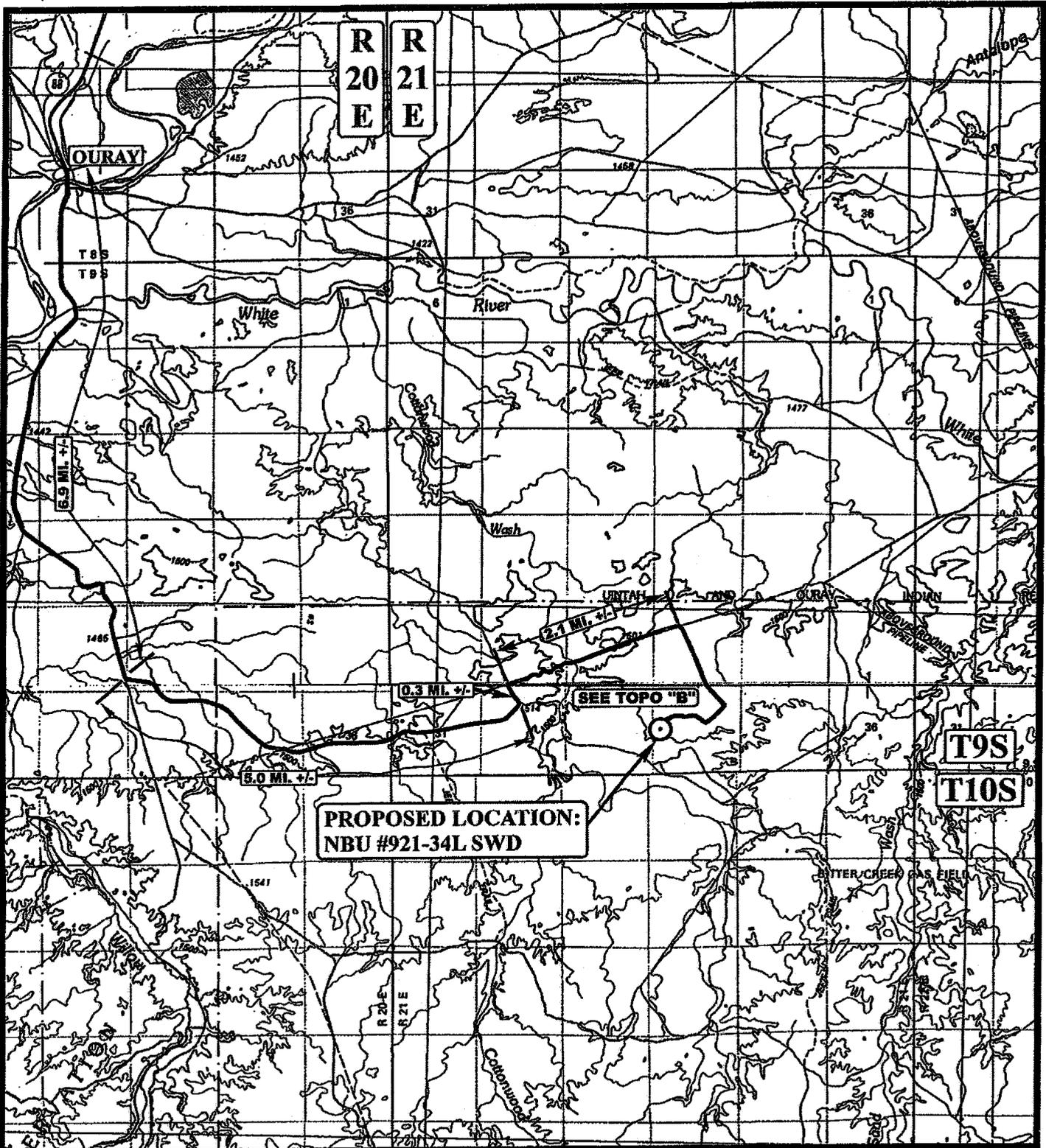
LOCATION LAYOUT FOR

NBU #921-34L SWD
SECTION 34, T9S, R21E, S.L.B.&M.
2649' FSL 423' FWL



SCALE: 1" = 50'
DATE: 1-11-07
Drawn By: K.G.





LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

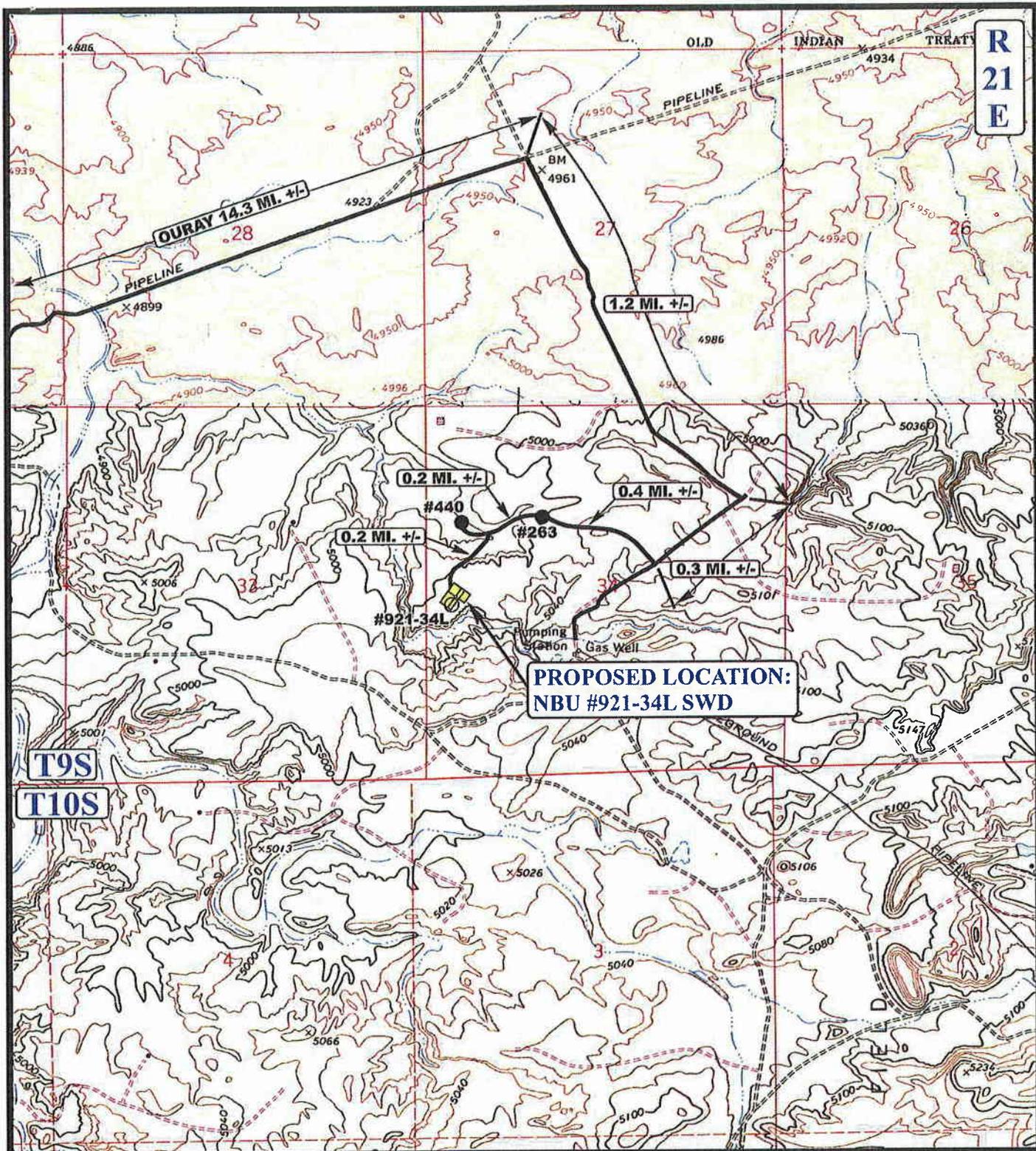
NBU #921-34L SWD
SECTION 34, T9S, R21E, S.L.B.&M.
2649' FSL 423' FWL



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





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



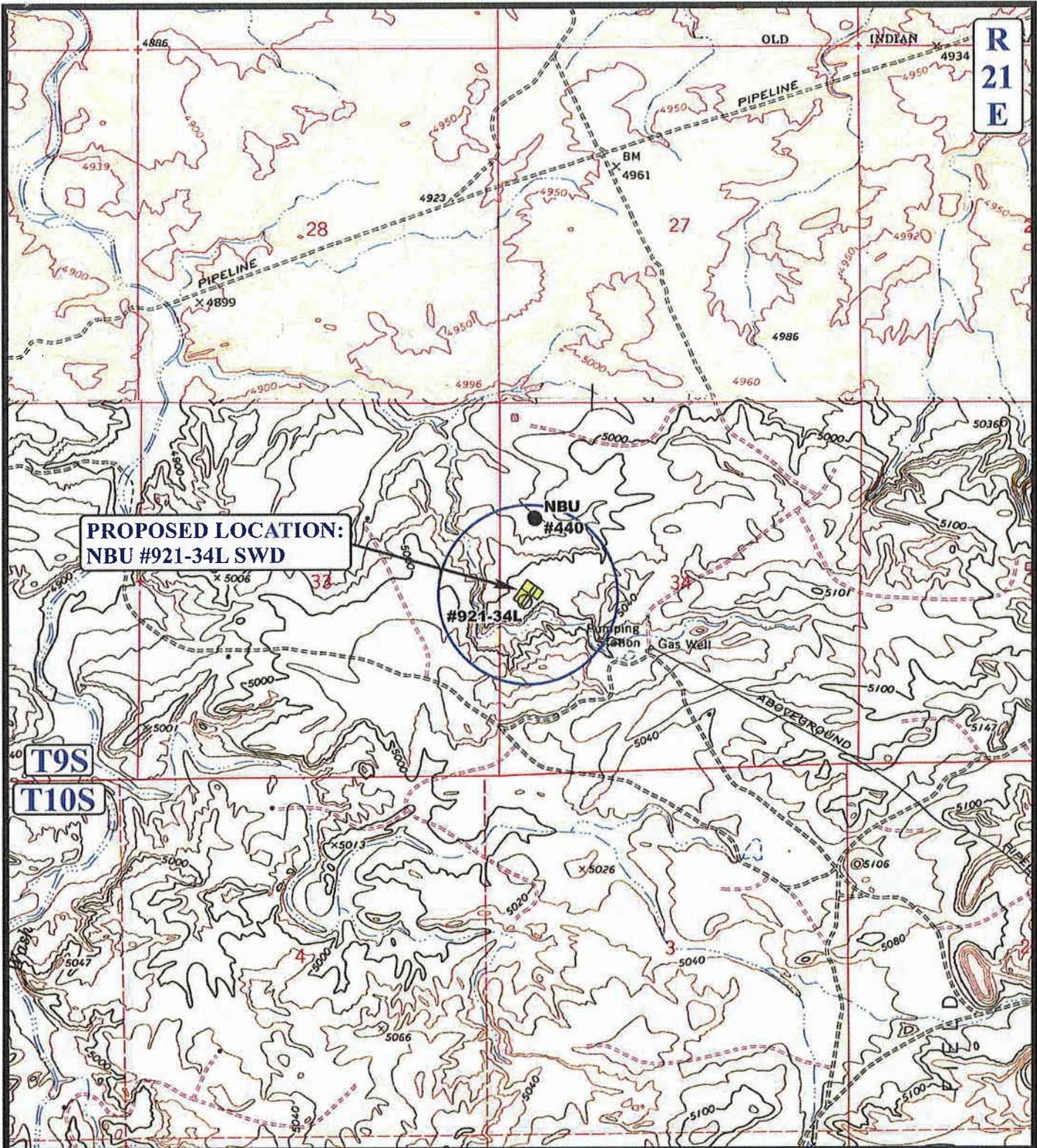
Kerr-McGee Oil & Gas Onshore LP

NBU #921-34L SWD
 SECTION 34, T9S, R21E, S.L.B.&M.
 2649' FSL 423' FWL

U E L S
 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

B
 TOPO



**PROPOSED LOCATION:
NBU #921-34L SWD**

LEGEND:

- | | |
|-------------------|-------------------------|
| ∅ DISPOSAL WELLS | ♂ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Kerr-McGee Oil & Gas Onshore LP

**NBU #921-34L SWD
SECTION 34, T9S, R21E, S.L.B.&M.
2649' FSL 423' 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: 43-047-40255

WELL NAME: NBU 921-34L SWD

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6226

CONTACT: KEVIN MCINTYRE

PROPOSED LOCATION:

NWSW 34 090S 210E
 SURFACE: 2649 FSL 0423 FWL
 BOTTOM: 2649 FSL 0423 FWL
 COUNTY: UINTAH
 LATITUDE: 39.99206 LONGITUDE: -109.5450
 UTM SURF EASTINGS: 624218 NORTHINGS: 4427680
 FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>DKD</i>	<i>9/30/08</i>
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ST UO 1194A
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRVU
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- ___ R649-2-3. ** Non PA*
- Unit: NATURAL BUTTES
- ___ 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 Strip

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

9/8/2008

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
895	43-047-40255-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.		Surface Owner-APD		
Well Name	NBU 921-34L SWD	Unit	NATURAL BUTTES		
Field	NATURAL BUTTES		Type of Work		
Location	NWSW 34 9S 21E S 2649 FSL 423 FWL GPS Coord (UTM) 624218E 4427680N				

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 34. 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 921-34LSWD is a water disposal well to be drilled on the existing pad of the NBU 921-34L 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 921-34L SWD
API Number 43-047-40255-0 **APD No** 895 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NWSW **Sec** 34 **Tw** 9S **Rng** 21E 2649 FSL 423 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 921-34LSWD is a water disposal well to be drilled on the existing pad of the NBU 921-34L 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 Width	Length	Src Const Material	Surface Formation
-------	-------------------	--------	--------------------	-------------------

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?

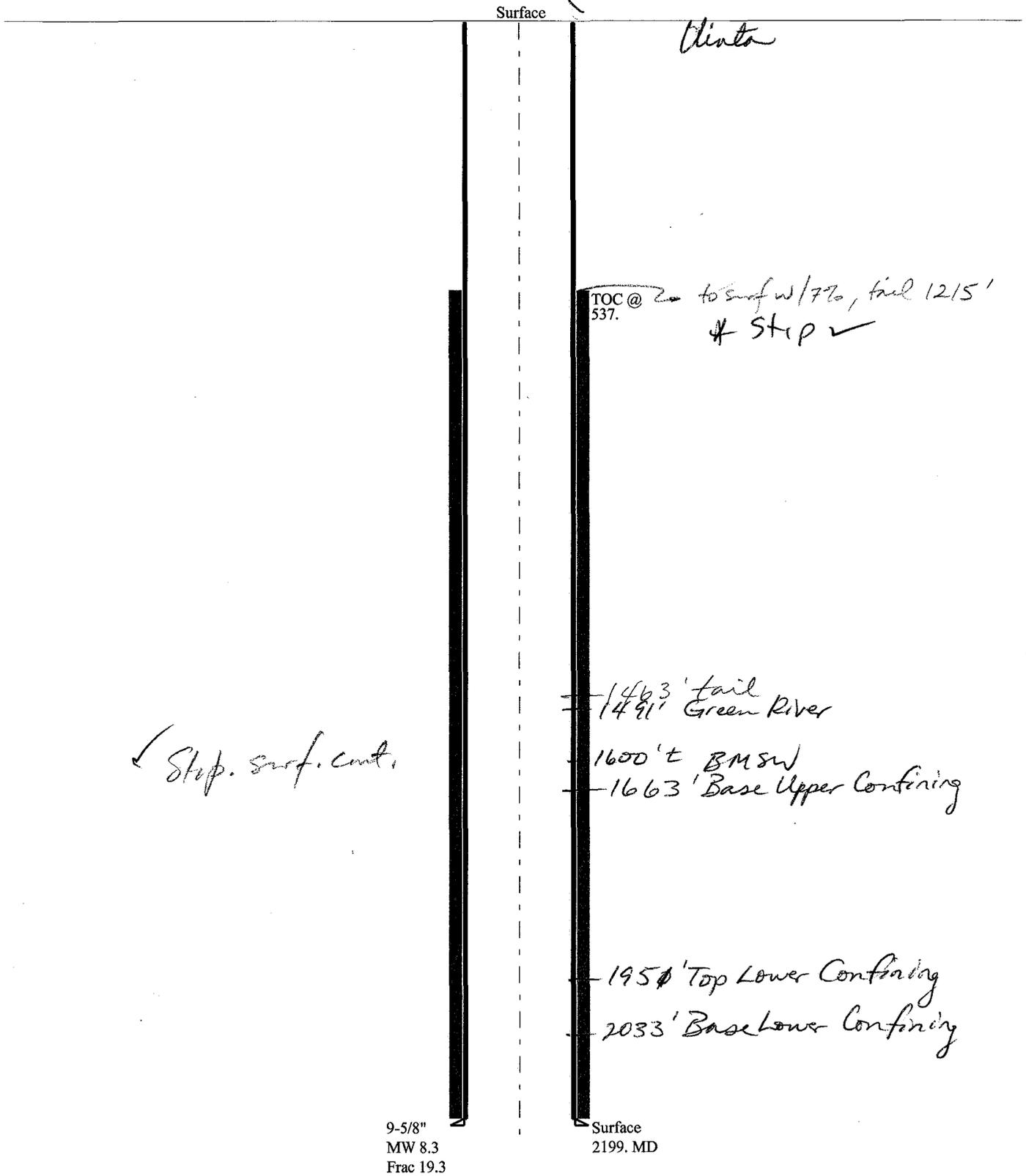
Other Observations / Comments

Floyd Bartlett
Evaluator

8/26/2008
Date / Time

43047402550000 NBU 921-34L SWD

Casing Schematic



Well name:	43047402550000 NBU 921-34L SWD	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	
String type:	Surface	Project ID: 43-047-40255-0000
Location:	Uintah County, Utah	

Design parameters:	Minimum design factors:	Environment:
Collapse	Collapse:	H2S considered? No
Mud weight: 8.330 ppg	Design factor 1.125	Surface temperature: 75 °F
Design is based on evacuated pipe.		Bottom hole temperature: 106 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 1,300 ft
	Burst:	Cement top: 537 ft
	Design factor 1.00	
Burst		Completion type is subs
Max anticipated surface pressure: 1,936 psi		Non-directional string.
Internal gradient: 0.120 psi/ft	Tension:	
Calculated BHP 2,200 psi	8 Round STC: 1.80 (J)	
	8 Round LTC: 1.80 (J)	
No backup mud specified.	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	Re subsequent strings:
	Tension is based on buoyed weight.	Next setting depth: 9,200 ft
	Neutral point: 1,928 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	2199	9.625	36.00	J-55	ST&C	2199	2199	8.796	954.7

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	5.68 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 2199 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 921-34L SWD API 43-047-40255-0000

INPUT

Well Name

Kerr-McGee NBU 921-34L SWD API 43-047-40255-0000			
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?
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	477	NO -0.12- Air Drill to surface shoe with diverter
			YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	486	NO Reasonable depth in area - no expected pressures
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!	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	#VALUE!	#VALUE!
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	#VALUE!	#VALUE!
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	#VALUE!	#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

Ref: 8P-W-GW

OCT 03 2008

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

43 097 40255
93 21E 3A

Re: FINAL Permit
EPA UIC Permit UT21146-07824
Well: NBU 921-34L SWD
Uintah County, UT

Dear Mr. Oleen:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed NBU 921-34L 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,



RECEIVED
Printed on Recycled Paper

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



Kerr-McGee Oil & Gas Onshore L.P.
P.O. Box 145801
Salt Lake City, UT 84114

December 11, 2008

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Exception Location
NBU 921-34L SWD
NWSW (2649' FSL, 423' FWL) Sec 34-T9S-R21E
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore L.P. has submitted a permit to drill the captioned well to inject salt water into the Bird's Nest of the Green River formation. The well is located at an exception location to State Rule **649-3-2 (State Wide)**. The well location was moved for topographic reasons. Kerr-McGee owns 100% of the leasehold within one quarter mile of the exception location of the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location under State Rule **649-3-3**. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6698.

Sincerely,

A handwritten signature in black ink, appearing to read 'James C. Colligan III', written over a horizontal line.

James C. Colligan III
Landman



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

December 11, 2008

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

Re: NBU 921-34L SWD Well, 2649' FSL, 423' FWL, NW SW, Sec. 34, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-40255.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Kerr-McGee Oil & Gas Onshore, LP
Well Name & Number NBU 921-34L SWD
API Number: 43-047-40255
Lease: ST UO 1194A

Location: NW SW Sec. 34 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

43-0047-40255

December 11, 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. Surface casing shall be cemented to the surface.
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. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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: <u>MIRU PETE MARTIN BUCKET RIG. 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>GRU</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		SENV	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>GRU</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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ST UO-1194A

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:
UNIT #891008900A

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
NBU 921-34L SWD

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

9. API NUMBER:
4304740255

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: **2649'FSL, 423'FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 34 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 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: <u>WELL SPUD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

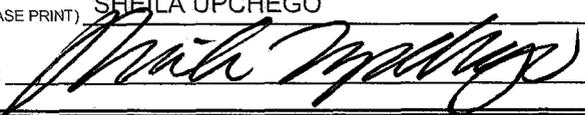
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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 1030 HRS

NAME (PLEASE PRINT) **SHEILA UPCHEGO**

TITLE **REGULATORY ANALYST**

SIGNATURE 

DATE **3/5/2009**

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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			5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO-1194A
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.			7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 921-34L SWD		9. API NUMBER: 4304740255
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP	3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2649'FSL, 423'FWL		COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 34 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 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 03/02/2009. DRILLED 12 1/4" SURFACE HOLE TO 2260'. RAN 9 5/8" 40# J-55 SURFACE CSG. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DROP PLUG DISPLACE W/165.5 BBL W/300 TO 800 PSI INFLATE PACKER TO 1600 PSI RELEASE PSI FLOATS HELD 1 BBL BLEED BACK OPEN DV TOOL 2830 PSI CIRCULATE WELL 100 BBL NO CMT TO PIT. CEMENT 2ND STAGE W/150 SX HIFILL CLASS G @11.0 PPG 3.32 YIELD. DROP PLUG AND DISPLACE W/124 BBL 320 PSI CLOSE DV TOOL WITH 1800 PSI 20 BBL LEAD CMT TO PIT CMT FELL BACK. RAN 200' OF 1" PIPE CMT W/120 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN 1" PIPE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 4/1/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JAN 14 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Carroll Estes
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

RECEIVED
JAN 21 2010

DIV. OF OIL, GAS & MINING

Re: Authorization to Inject
EPA UIC Permit UT21146-07824
Well: NBU 921-34L SWD
NWSW Sec. 34-T9S-R21E
Uintah County, UT
API No.: 43-047-40255

Dear Mr. Estes:

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. Injection Zone Fluid Sample
5. Cement Bond Log
6. Step Rate Test
7. Radioactive Tracer Surveys (injection and AOR wells)
8. Temperature Surveys (injection and AOR wells)
9. Open-hole logs

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.

A review of the Cement Bond Log for the injection well does not confirm 80% (or better) cement bond through the lower confining zone. As a result, the permit requires periodic Temperature Logging in order to provide a demonstration of Part II Mechanical Integrity. The



first Temperature Log shall be run one year after beginning injection operations. Follow up Temperature Logs shall be run within five years of each previous Temperature Log, as a demonstration of Mechanical Integrity. Current procedures for conducting Temperature Logs can be obtained by contacting the Region 8 UIC Technical Enforcement Program office.

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

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 and management
Lynn Becker, Director, Energy and Minerals department, Ute Indian Tribe

Uinta and Ouray Business Committee
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

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

Ferron Secakuku
Director, Natural resources
Ute Indian Tribe



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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>SWD WELL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO-1194A
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		7. UNIT or CA AGREEMENT NAME: UTU63047A
3. ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80217		8. WELL NAME and NUMBER: NBU 921-34L SWD
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NWSW 2649 FSL & 423 FWL		9. API NUMBER: 4304740255
AT TOP PRODUCING INTERVAL REPORTED BELOW:		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES
AT TOTAL DEPTH:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 34 9S 21E
		12. COUNTY UINTAH
		13. STATE UTAH

14. DATE SPUDED: 3/3/2009	15. DATE T.D. REACHED: 3/28/2009	16. DATE COMPLETED: 1/15/2010	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5005' GL
18. TOTAL DEPTH: MD 2,260 TVD 2,260	19. PLUG BACK T.D.: MD 2,183 TVD 2,183	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) CCL-BHV-SD/DSN/DUAL LATOROLOG-HRI-GR/CBL			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (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	40#		2,229		555			

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"	1,663							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) BIRD'S NEST	1,674	1,932			1,674 1,932	0.40	608	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								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"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

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29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

PROD

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: FLOWING
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: PROD

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, Vented, Etc.)

SOLD

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 MAHOGANY WASATCH MESAVERDE	1,491				

35. ADDITIONAL REMARKS (Include plugging procedure)

BIRD'S NEST IS 1663'-1951'. FIRST INJECTION WAS 1/15/2010.

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 6/22/2010

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 921-34L SWD Spud Date: 3/2/2009
 Project: UTAH-UINTAH Site: NBU 921-34L SWD Rig Name No: PROPETRO/
 Event: DRILLING Start Date: 3/23/2009 End Date: 3/29/2009
 Active Datum: RKB @5,005.00ft (above Mean Sea Leve UWI: 0/9/S/21/E/34/0/NWSW/6/PM/S/2,649.00/W/0/423.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/23/2009	11:30 - 14:00	2.50	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1130 HR 3/23/09 DRILL W/ AIR HAMMER TO 300' CONDITION HOLE AND PREP FOR TFNB
	14:00 - 20:00	6.00	DRLSUR	06		P		TRIP DP OUT OF HOLE RIH W/ PDC AND MUD MOTOR WASH AND REAM TO BOTTOM
	20:00 - 0:00	4.00	DRLSUR	02		P		DRILL FROM 300'-340' CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL/MIN FULL RETURNS
3/24/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL PER/MIN FULL RETURNS NO WATER 790'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL PER/MIN FULL RETURNS HAVE NOT HIT ANY WATER OR FRACTURES 1240' SURVEY .9 DEG.
3/25/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP AND CEMENT PUMP 15 BBL PER/MIN FULL RETURNS HAVE NOT HIT ANY WATER 1470' DA
	12:00 - 21:30	9.50	DRLSUR	02		P		D/F 1470'-1655' LOST CIRCULATION PREP TO TFNB
	21:30 - 23:00	1.50	DRLSUR	06	A	P		TRIP DP OUT OF HOLE LAY DOWN MUD MOTOR AND PDC BIT
3/26/2009	23:00 - 0:00	1.00	DRLSUR	06	A	P		TIH W/ TRI CONE BLOWING WELL DOWN W/ AIR MIST @ REPORT TIME
	0:00 - 4:30	4.50	DRLSUR	06	A	P		FINISH TRIPPING IN HOLE BLOWING WELL DOWN ON THE WAY TO BOTTOM
	4:30 - 12:00	7.50	DRLSUR	02		P		RIG DRILLING AHEAD W/AIR MIST AND CIRCULATING WITH SKID PUMP 5 BBL PER MIN 1770' DA GOOD RETURNS
3/27/2009	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/AIR MIST AND CIRCULATING WITH SKID PUMP 5 BBL PER MIN 1890' DA GOOD RETURNS
	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/AIR MIST AND CIRCULATING W/ SKID PUMP 5 BBL PER/MIN GOOD RETURNS 1990'
	12:00 - 0:00	12.00	DRLSUR	02		P		RIG DRILLING AHEAD W/AIR MIST AND CIRCULATING W/ SKID PUMP 5 BBL PER/MIN GOOD RETURNS 2040'
3/28/2009	0:00 - 1:00	1.00	DRLSUR	02		P		RIG T/D @ 2260' CONDITION HOLE 1 HR
	1:00 - 3:30	2.50	DRLSUR	05	C	P		CONDITION HOLE W/ AIR MIST RUN SURVEY . 5 DEG
	3:30 - 6:30	3.00	DRLSUR	06		P		TRIP DP OUT OF HOLE
	6:30 - 12:00	5.50	DRLSUR	11		P		MAKE TWO LOGGING RUNS TAG @ 2254' LOG OUT
	12:00 - 17:00	5.00	DRLSUR	12		P		RU 14 JNTS 9 5/8 J-55 40# CSG AND INSTALL CSG PACKERAND WETHERFORD PUP JOINT@ @ 1630' AND IN STALL DV TOOL @ 1613' RUN 38 JNTS 9 5/8 CSG TO 2224'
3/29/2009	17:00 - 0:00	7.00	DRLSUR	05	A	Z		RIG UP PROPETRO AND CIRCULATE UNTILL BJ ARRIVES AND GETS RIGGED UP
	0:00 - 1:30	1.50	DRLSUR	05	A	Z		CIRCULATE AND WAIT FOR BJ TO RIG UP
	1:30 - 3:00	1.50	DRLSUR	12		P		CEMENT 1ST STAGE WITH 100 SKS TAIL @ 15.8# 1.15 54.0 GAL/SK DROP PLUG DISPLACE W/ 165.5 BBL W/ 300 TO 800 PSI INFLATE PACKER TO 1600 PSI REALEASE PSI FLOATS HELD 1 BBL BLEED BACK OPEN DV TOOL 2830 PSI

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-34L SWD		Spud Date: 3/2/2009	
Project: UTAH-UINTAH		Site: NBU 921-34L SWD	Rig Name No: PROPETRO/
Event: DRILLING		Start Date: 3/23/2009	End Date: 3/29/2009
Active Datum: RKB @5,005.00ft (above Mean Sea Leve		UWI: 0/9/S/21/E/34/0/NWSW/6/PM/S/2,649.00/W/0/423.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	3:00 - 3:30	0.50	DRLSUR	05		P		CIRCULATE WELL 100 BBL NO CEMENT TO PIT
	3:30 - 4:30	1.00	DRLSUR	12		P		CEMENT 2ND STAGE WITH 150 SKS LEAD @ 11# 3.32 20.52 GAL/SK AND 185 SKS TAIL @ 15.8# 1.15 5.0 GAL SK DROP PLUG AND DISPLACE WITH 124 BBL W/ 320 PSI CLOSE DV TOOL WITH 1800 PSI 20 BBL LEAD CMT TO PIT CEMENT FELL BACK
	4:30 - 5:30	1.00	DRLSUR	12		P		1ST TOP JOB 120 SKS @ 15.8# 1.15 5.0 GAL/SK DOWN 1" PIPE GOOD CMT TO SURFACE AND STAYED AT SURFACE
	5:30 - 5:30	0.00	DRLSUR					NO VISIBLE LEAKS PIT 99% FULL

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-34L SWD				Spud Date: 3/2/2009				
Project: UTAH-UINTAH			Site: NBU 921-34L SWD			Rig Name No: MILES 2/2		
Event: COMPLETION			Start Date: 4/8/2009			End Date: 4/9/2009		
Active Datum: RKB @5,005.00ft (above Mean Sea Leve				UWI: 0/9/S/21/E/34/0/NWSW/6/PM/S/2,649.00/W/0/423.00/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/8/2009	11:00 - 11:30	0.50	COMP	48		P		HSM DISCUSS RU HEAVY EQUIP IN HIGH WIND WITH GIN TRK
	11:30 - 15:30	4.00	COMP	30		P		MIRU RIG SPOT EQUIP, RU C/O FLANGE AND HI-DRILL, PU 8 1/2" BITAND C/OSUB, TO 2 7/8" 6.5# N-80 TBG. HI-WINDS, SDFN.
4/9/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. DRLILING OUT W/ 8 1/2" BIT & PINCH POINTS
	7:30 - 17:00	9.50	COMP	44	A	P		SICP 0 PSI PU DRIFT AND TALLY 51 JTS 2 7/8' 8 RD N-80 6.5# TBG. TAG FILL AT 1576.39. RU POWER SWIVEL AND BRK CIRC.BRK CIRC DRLG 60' OF CEMENT IN 1 HR. TAG DV TOOL @ 1629' DRLG VERY SLOW 3 HRS 40 MIN. TO DRL DV TOOL. PU RIH W/ 17 JTS C/O TO PBTD OF 2,100'. POOH LD 68 JTS OF 2 7/8" TBG & BHA. RD RIG & MOVE OUT.

**US ROCKIES REGION
Operation Summary Report**

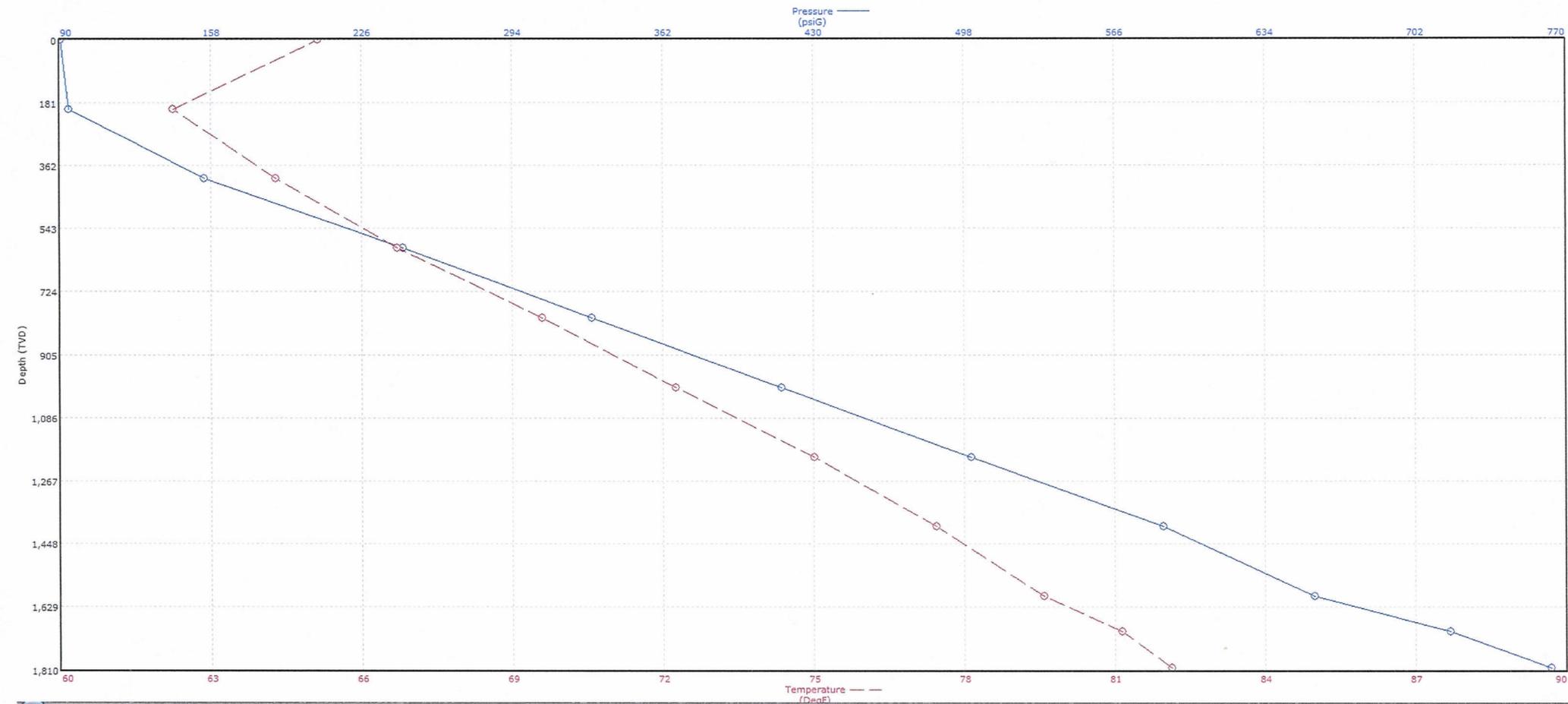
Well: NBU 921-34L SWD Spud Date: 3/2/2009
 Project: UTAH-UINTAH Site: NBU 921-34L SWD Rig Name No: LEED 698/698
 Event: COMPLETION Start Date: 7/14/2009 End Date: 7/14/2009
 Active Datum: RKB @5,005.00ft (above Mean Sea Leve) UWI: 0/9/S/21/E/34/0/NWSW/6/PM/S/2,649.00/W/0/423.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/14/2009	7:00 - 7:30	0.50	COMP	48		P		JSA RDMO
	7:30 - 19:00	11.50	COMP	33		P		MIRU, NUBOP'S, TEST BOP'S, MIRU CUTTERS. RIH WITH STATIIC TEMP LOG. LOG FROM SURFACE TO 2093' POOH W/ LOGGING TOOL. RD CUTTERS, RIH WITH 52 JTS. 2 3/8" TBG. EOT 1631.73' OF 4.7# L-80. RU SWABBING EQUIPMENT & SWAB WELL TO 1174' 80 BBLs WATER RECOVERED. POOH 52 JTS TBG. RU CUTTERS PU 4" PORTED GNS, 23 GRM, .4" HOLES, 90 DEG PHASING. RIH WITH GUNS. PERF. 1674' -1682', 1688' - 1704' 1716' - 1774', 1786' - 1806', 1820' - 1868', 1880' - 1896', 1902' - 1932' @ 4 SHOTS/ FT 608 TOTAL PERFS POOH, RDMO CUTTERS. WELL SHOWED PRESSURE AFTER PERFORATING @ 1820' - 1844'. NOT ENOUGH PRESS TO GAUGE. RIH WITH 2 3/8" 4.7# L-80 TBG. 53 JTS WITH NC, S/N LANDED WITH X/O SUB, 2 3/8" TO 3 1/2" EOT 1663.23' NU 5000# BY 11" 3 1/2" WELL HEAD. RU DELSCO, RIH WITH PRESS BOMB FOR 24 HR TEST SET BOMB AT 1803' SWIFN
7/20/2009	7:00 - 12:00	5.00	COMP	33		P		MOVE IN R/U FLOW BACK TANK, R/U FLOW LINE FROM TREE TO TANK.
7/21/2009	7:00 - 13:00	6.00	COMP	33		P		HSM, R/U CUDD PRESSURE CONTROL, PUMP NITROGEN DN CSG OUT TBG W/ FLOW WTR OUT TBG W/ GETTING WTR SAMPLES, CAUGHT 21 SAMPLES W/ 229 BBLs WTR, SAMPLES SHOWED @ CHLORIDES RUN AT 6,000, AND THE PH RUN AT 9.5, THE LAST SAMPLE SENT TO WEATHERFORD LABS, AND OTHER SAMPLE TO NALCO IN VERNAL, R/D CUDD PRESSURE CONTROL, LET WELL BLOW N2 OFF, SHUT WELL IN SD.

**US ROCKIES REGION
Operation Summary Report**

Well: NBU 921-34L SWD Spud Date: 3/2/2009
 Project: UTAH-UINTAH Site: NBU 921-34L SWD Rig Name No: SWABBCO 1/1
 Event: COMPLETION Start Date: 8/20/2009 End Date: 8/27/2009
 Active Datum: RKB @5,005.00ft (above Mean Sea Level) UWI: 0/9/S/21/E/34/0/NWSW/6/PM/S/2,649.00/W/0/423.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/21/2009	7:00 - 18:00	11.00	COMP	30		P		RRTL & ALL EQUIPMENT HSM SPOT IN RIG UP GUY OUT OPEN WELL FLOWING LAY HARDLINE KILL WELL NDWH NUBOP UNLTBG TOH 53 JNTS 2 3/8 C/O FOR 2 7/8 SPOT TBG TRAILER NOTICED 2 7/8 TBG HAS ALL SLIM HOLE COLLARS CALL FOR SLIP TYPE ELEVATORS WAIT ON ELEVATORS TIH 9 5/8 PKR STACK OUT @ 1629' = DV TOOL TOH SWI SDFN
8/24/2009	7:00 - 20:30	13.50	COMP	30		P		HSM OPEN WELL TO PIT @ 210 PSI WELL FLOWING KILL WELL TIH 8 3/4 MILL & 52 JNTS P/U SWIVEL WITH JNT 53 START PUMPING 3 BPM DOWN BACKSIDE DRILL UP CEMENT STRINGER @ 1620' DRILL 1 1/2' FELL THRU TAG DV TOOL @ 1629' MILL THRU DV TOOL SWIVEL IN TO 1655' HUNG SWIVEL TOH #1 TIH PKR SET @ 1873' R/U HALLIBURTON TEST LINES TO 3500# P/22 BBLS ACID INTO PERFS FROM 1880'- 1932' FLUSH WITH 16.3 BBLS 4 BPM @ 100# WELL ON VACUME TOH PKR #2 TIH RBP SET @ 1873' TOH TIH PKR SET @ 1812' P/23 BBLS ACID INTO PERFS @ 1820'-1868' FLUSH 14 BBLS 4.2 BPM @ 120# ON VACUME TOH PKR #3 TIH RELEASE & RESET RBP @ 1812' TOH TIH PKR SET @ 1728' P/16 BBLS ACID INTO PERFS @ 1760'-1806' FLUSH 14.1 BBLS 4.3 BPM @ 100# ON VACUME TOH PKR #4 TIH RELEASE & RESET RBP @ 1728' TOH TIH PKR SET @ 1634' P/17 BBLS ACID INTO PERFS @ 1674'-1704' FLUSH 30 BBLS 6.4 BPM @ 300# SWI SDFN
8/25/2009	7:00 - 16:00	9.00	COMP	30		P		HSM KILL TBG TOH PKR TIH RELEASE & RETRIEVE RBP TOH WELL FLOWING FLOW TO PIT 1 1/2 HRS KILL WELL TIH PKR SET @ 1572' = 98' ABOVE TOP PERF R/U SCHLUMBERGER PUMP TRUCK & PLS EST INJ RATE OF 6 1/2 BPM @ 300 PSI RUN RATS TEST SHOWS TOP PERFS FROM 1674'- 1806' TAKING MOST OF THE FLUID TRACER CONFINED @ 1650' R/D PLS & SCHLUMBERGER RELEASE PKR TOH LAYING DOWN 2 7/8 C/O FOR 2 3/8 TIH 52 JNTS LAY DOWN 52 JNTS ON TRAILER SWI SPOT TBG FLOAT WITH 3 1/2 TBG C/O FOR 3 1/2 SDFN
8/26/2009	7:00 - 16:00	9.00	COMP	30		P		HSM BWD KILL WELL TIH WEATHERFORD 9 5/8 NICKLE PLATED COMPRESSION PKR 10' SUB & 51 JNTS 3 1/2 FIBER LINED TBG LTBG WITH HANGER PUMP PKR FLUID TO PKR SET PKR @ 1633' = 41' ABOVE TOP PERF LTBG LOAD CSG TEST WITH RIG PUMP TO 500# NDBOP NUWH PERFORM MIT TEST WITH BC QUICK TEST @ 500 FOR 30 MIN = GOOD TEST SWI RDMO
8/27/2009	7:00 - 17:30	10.50	COMP	33		P		HSM R/U SCHLUMBERGER & DELSCO RIH SET PRESSURE BOMB @ 1803' START TEST @ 9:50 A.M. FINISH @ 4:50 P.M.P POOH SLICKLINE R/D SCHLUMBERGER SWI



Nbu 921-34L SWD Gradient.txt
 Nbu 921-34L SWD

DELSCO NORTHWEST

Customer Info:

Name: Kerr Mcgee County/Region: Uintah
 Well: Nbu 921-34L SWD Prov/State: Utah
 Field: Natural Buttes Country: Usa

Test Info:

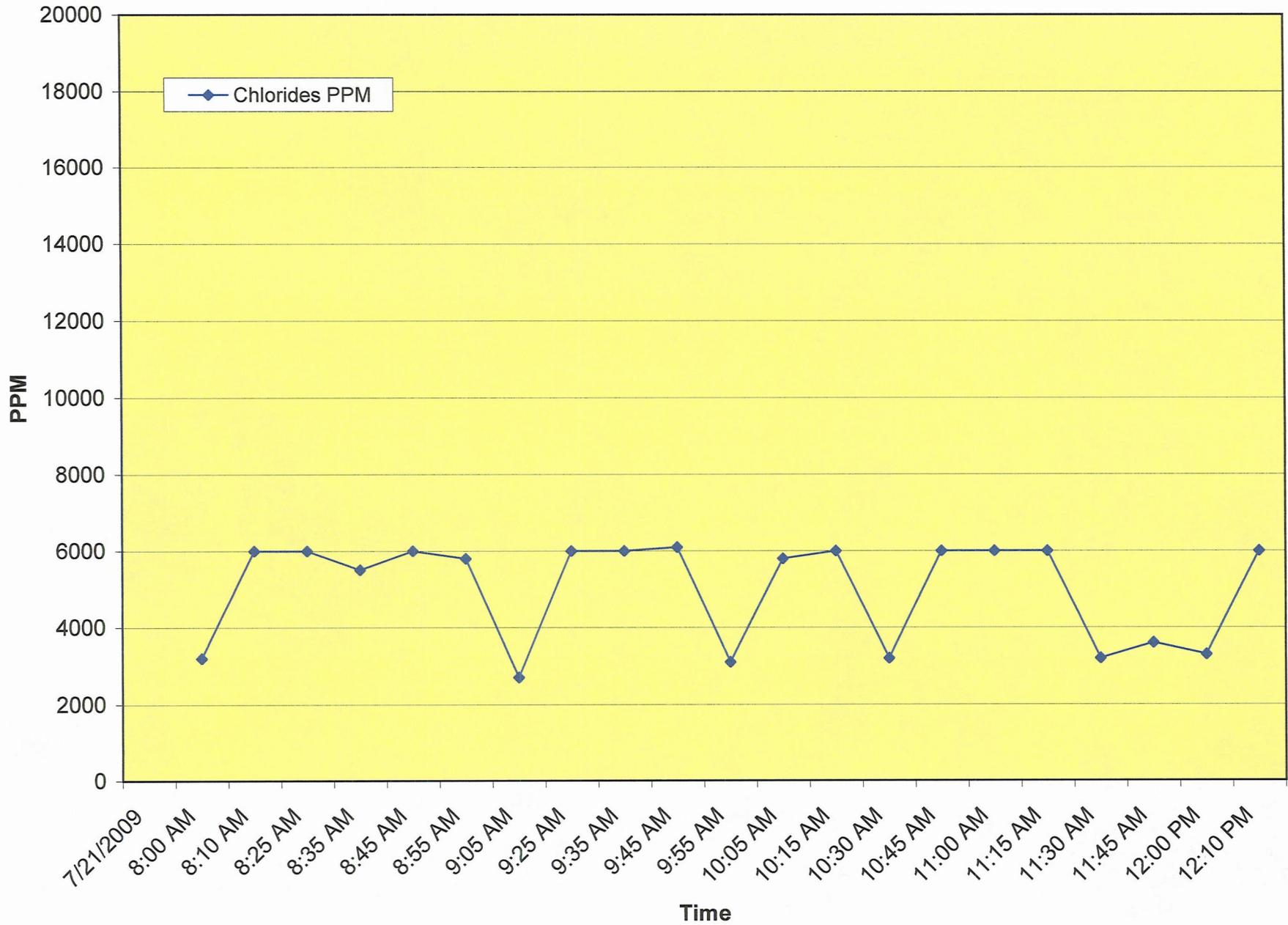
Engineer: Robert Miller Well API: well api
 Tool Type: SHORTLINE Well Type: Injection
 Serial Num: 5790 Test Type: test type
 Gauge Range: 10,000 Well Status: None
 Date: 2009/07/16 18:18:25 Minimum ID: minimum id
 RKB kb - cf Maximum ID: maximum id

Gradients:

Gradient Point	Depth (wld) Temperature (DegF) ft	Depth (md) Temperature Grad (DegF)/ft	TVD ft	Pressure (psig)	Pressure Grad (psig)/ft
0	1803.000	1803.000	1803.000	763.488	
0.442	82.148		0.010		
1	1700.000	1700.000	1700.000	718.000	
0.442	81.147		0.010		
2	1600.000	1600.000	1600.000	656.697	
0.613	79.601		0.015		
3	1400.000	1400.000	1400.000	588.147	
0.343	77.450		0.011		
4	1200.000	1200.000	1200.000	501.428	
0.434	75.020		0.012		
5	1000.000	1000.000	1000.000	415.916	
0.428	72.266		0.014		
6	800.000	800.000	800.000	330.150	
0.429	69.606		0.013		
7	600.000	600.000	600.000	244.889	
0.426	66.729		0.014		
8	400.000	400.000	400.000	155.248	
0.448	64.300		0.012		
9	200.000	200.000	200.000	94.070	
0.306	62.268		0.010		
10	0.000	0.000	0.000	90.718	
0.017	65.156		-0.014		
Overall				0.373	
	0.009				

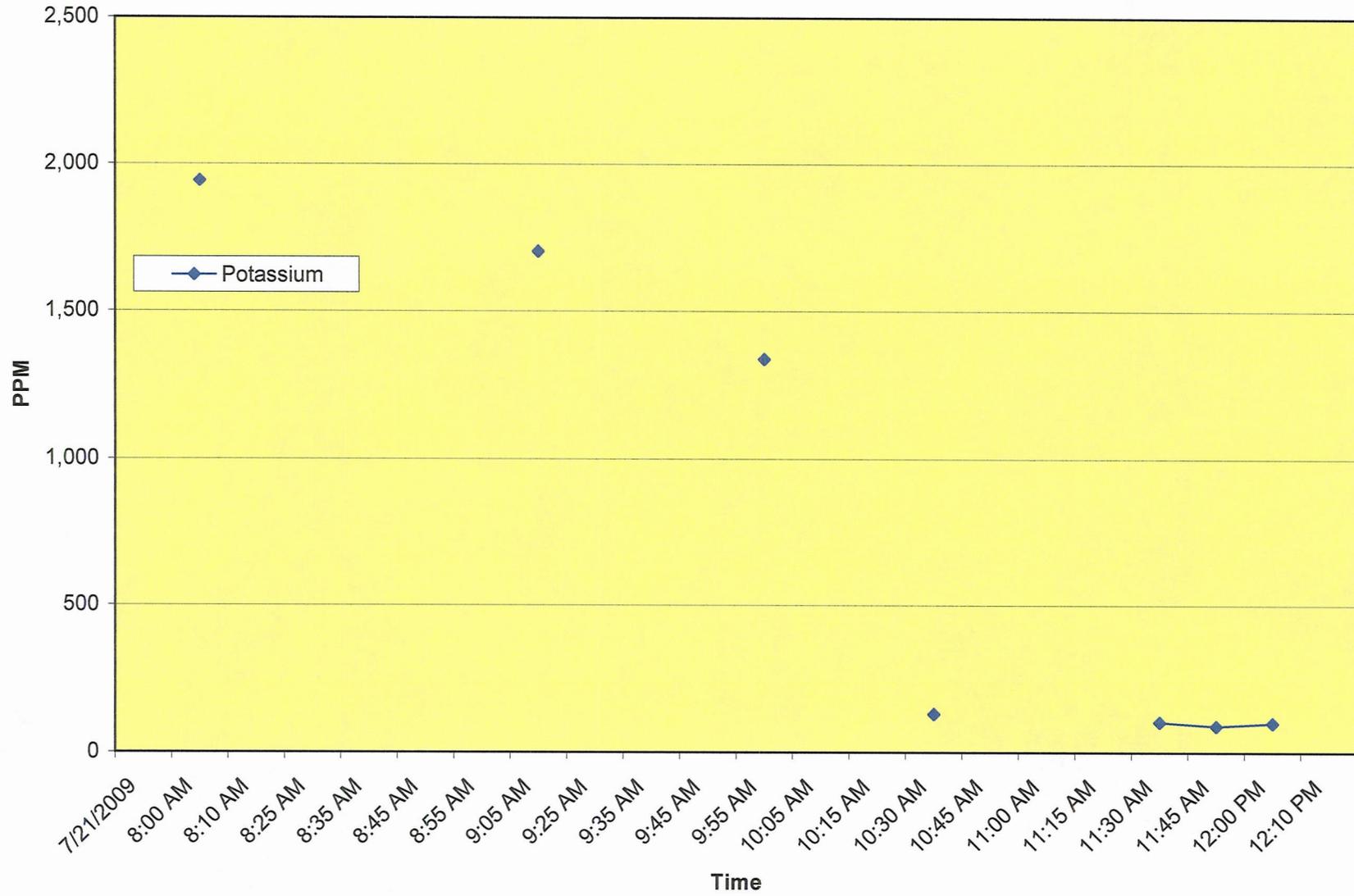
NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



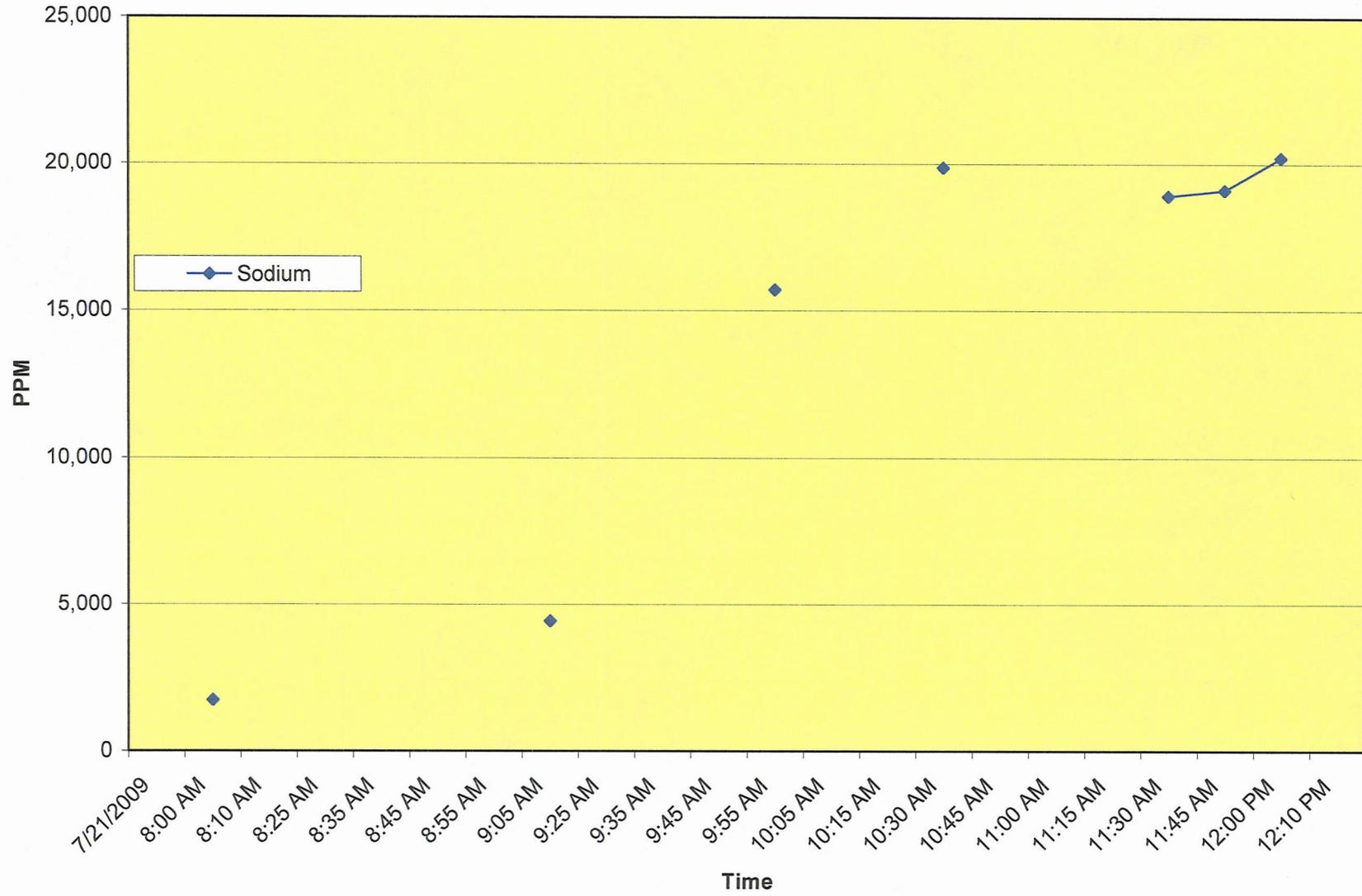
NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



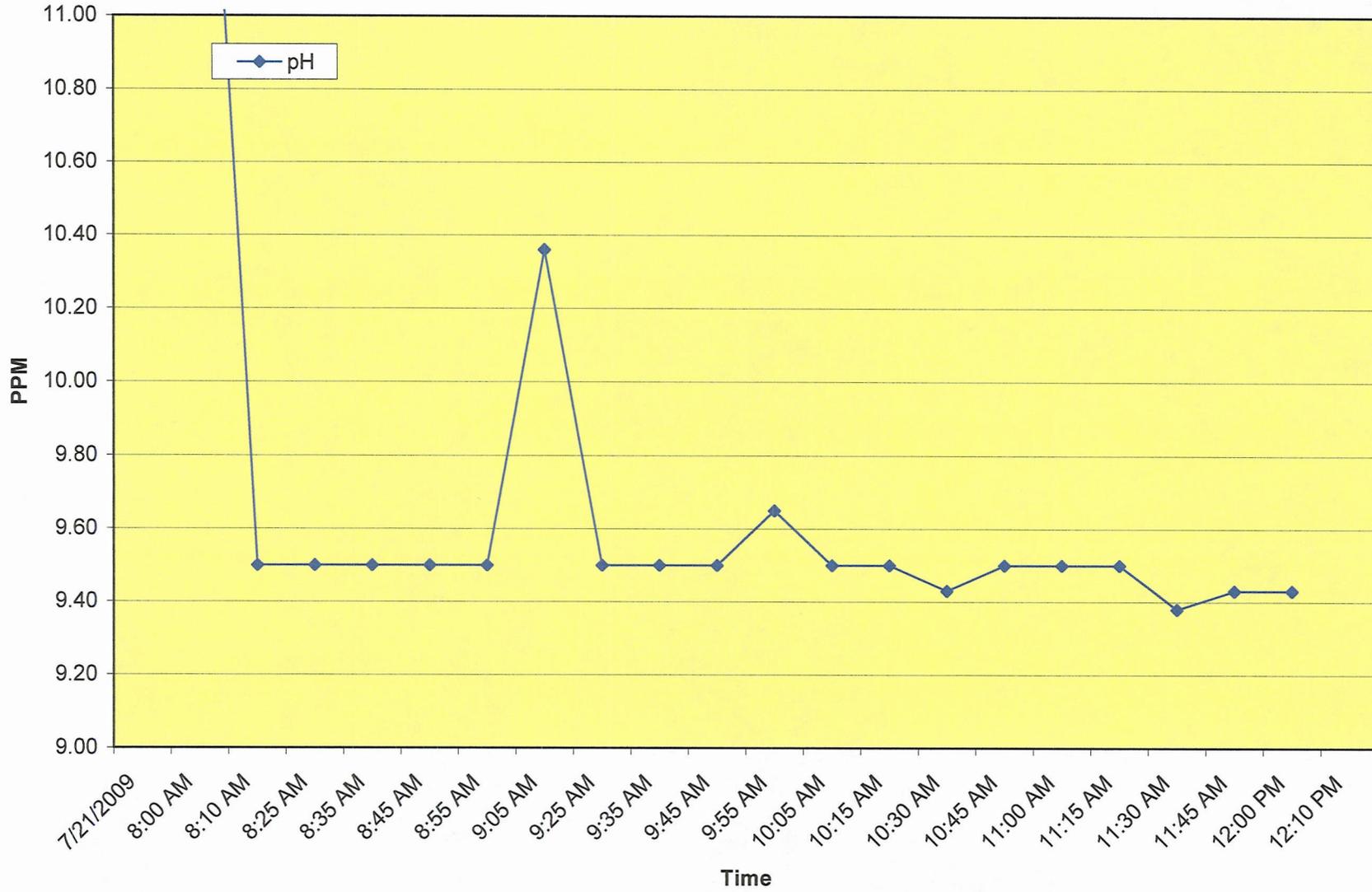
NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



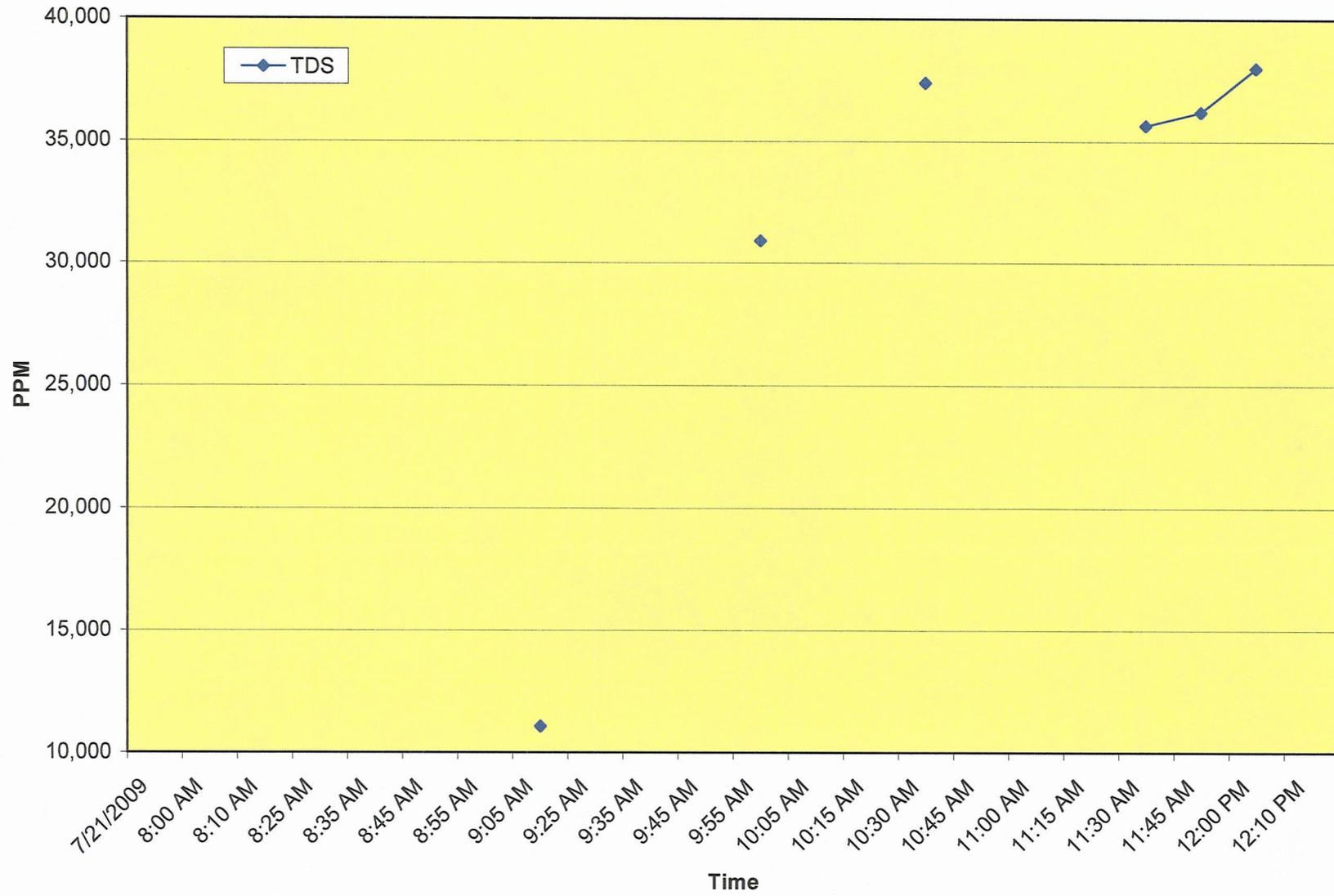
NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



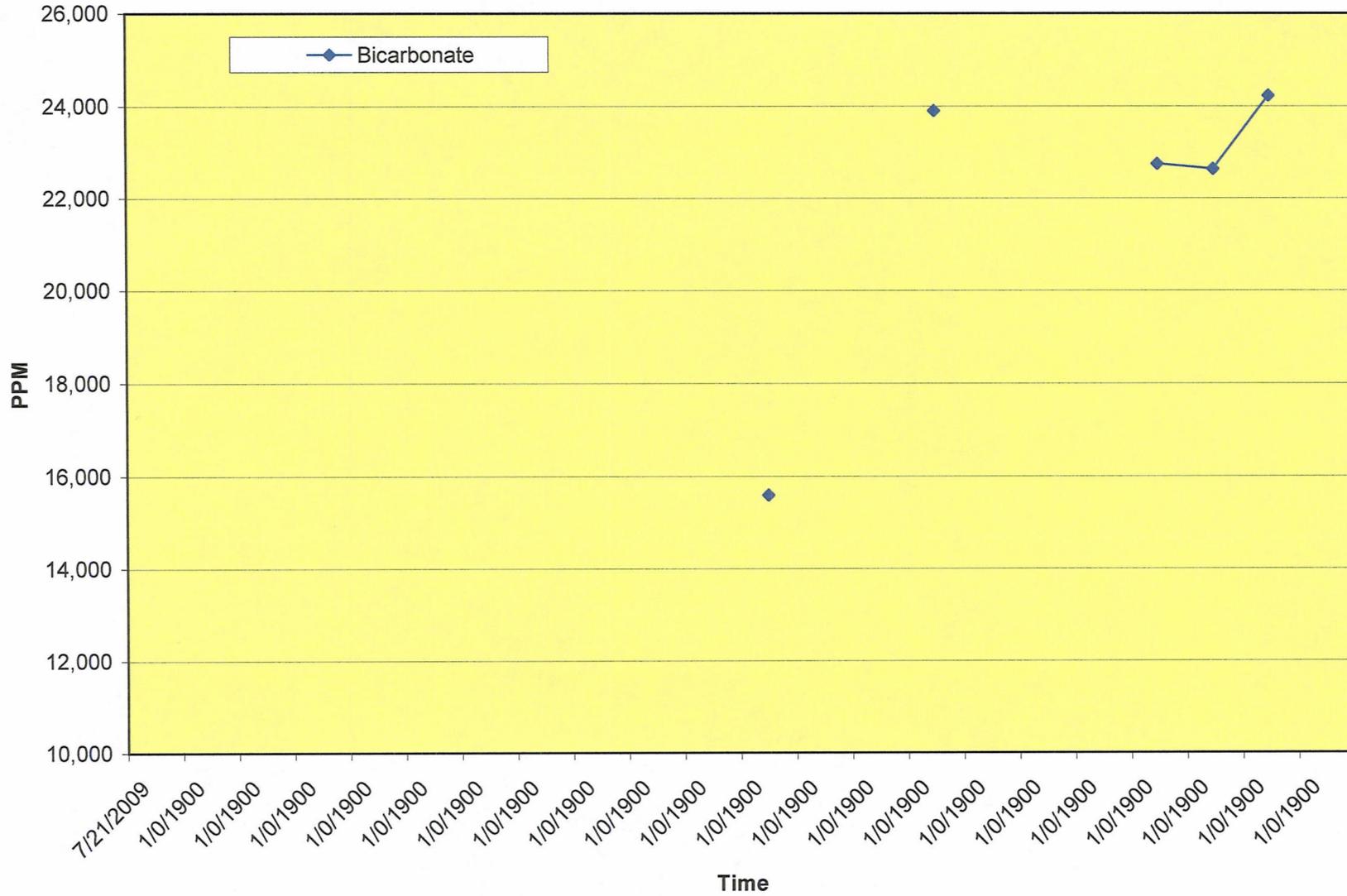
NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



NBU 921-34LSWD Injection Zone Water Sampling

7/21/2009



Anadarko Petroleum

Injection Zone Water Sampling

NBU 921-34LSWD Injection Zone Water Sampling

Time	Cum vol recovered (bbls)	Load left to Recover (bbls)	Chlorides PPM	Potassium	Sodium	Calcium	TDS	SG	Bicarbonate	pH
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March 23-29, 2009 Drilling operations. Had good returns during drilling operations.

Completions 4/8-9/2009 Drilled out the DV tool and Cleaned out to PBTD (2100') with 2 % KCl prior to completion the well. None of this fluid went into the Bird's nest. Don't need to account for any of this fluid.

Completions 7/14/2009 Swabbed fluid level (2% KCl) in the casing (9 5/8" 40#) down to 1174' to maintain a 500' fluid level prior to perforating. A 500' fluid level = 38 bbls on initial load to recover.

Initial bbls to recover		38	(2% KCl)							
7/21/2009										
8:00 AM		38	3200	1,943	1,741	9.5	7,414	1.005	0	12.21
8:10 AM	4	34	6000							9.50
8:25 AM	21	17	6000							9.50
8:35 AM	28	10	5500							9.50
8:45 AM	35	3	6000							9.50
8:55 AM	56	-18	5800							9.50
9:05 AM	58	-20	2700	1,702	4,432	1.0	11,068	1.01	488	10.36
9:25 AM	60	-22	6000							9.50
9:35 AM	61	-23	6000							9.50
9:45 AM	81	-43	6100							9.50
9:55 AM	92	-54	3100	1,338	15,706	12.2	30,901	1.033	15,592	9.65
10:05 AM	102	-64	5800							9.50
10:15 AM	116	-78	6000							9.50
10:30 AM	134	-96	3200	130	19,873	2.0	37,403	1.041	23,900	9.43
10:45 AM	156	-118	6000							9.50
11:00 AM	172	-134	6000							9.50
11:15 AM	189	-151	6000							9.50
11:30 AM	199	-161	3200	103	18,907	1.0	35,666	1.039	22,741	9.38
11:45 AM	209	-171	3600	90	19,104	1.0	36,209	1.039	22,631	9.43
12:00 PM	220	-182	3300	100	20,210	1.0	38,007	1.041	24,229	9.43
12:10 PM	229	-191	6000							

Negative sign means amount of fluid taken out of the birds nest past load volume

Date	Bbls pumped		Bbls recovered	Comments
	Fresh	KCl		
01/05/09				
01/06/09				
01/07/09				
01/09/09				
01/10/09				
01/23/09				
01/24/09				
01/27/09				
01/28/09				
01/29/09				
02/03/09				
02/06/09				
02/07/09				
02/09/09				
Cum Vol				

Note; Have recovered all of fluid that was pumped into the well

03/23/09				
60 bbls is the only fluid that we should have to account for				

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 8 / 26 / 09

Test conducted by: BC QUICK TEST

Others present: DALLAS RUSSELL, RANDY WILKINS, ANDY LONG

Well Name: <u> NBU 921-34L SWD </u>	Type: ER SWD X	Status: AC TA UC
Field:		
Location: _____	Sec: <u> 34 </u>	T <u> 9S </u> N/S R <u> 21E </u> E/W
County: <u> UINTAH </u>		State: <u> UT </u>
Operator: <u> Anadarko Petroleum Corporation </u>		
Last MIT: <u> NA </u> / _____ / _____		Maximum Allowable Pressure: _____ 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
<i>TUBING PRESSURE</i>			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
<i>CASING / TUBING ANNULUS PRESSURE</i>			
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 type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

NBU 921-34L SWD SRT 8/27/2009

Minutes	BPM	Surface	BPM	Surface	BPM	Surface	BPM	Surface	BPM	Surface	BPM	Surface	BPM	Surface
	9:50 AM	Pressure	10:50 AM	Pressure	11:50 AM	Pressure	12:50 PM	Pressure	1:50 PM	Pressure	2:50 PM	Pressure	3:50 PM	Pressure
0	0.75	629	1.5	-17	3	-14	6	101	9	304	12	556	15	875
10	0.75	293	1.5	-19	3	-15	6	116	9	308	12	558	15	883
20	0.75	-8	1.5	-19	3	-14	6	118	9	312	12	558	15	879
30	0.75	-15	1.5	-19	3	-13	6	120	9	312	12	565	15	880
40	0.75	-15	1.5	-20	3	-13	6	118	9	313	12	561	15	873
50	0.75	-16	1.5	-21	3	-12	6	118	9	312	12	566	15	882
60	0.75	-17	1.5	-21	3	-11	6	119	9	314	12	568	15	881
	10:50 AM		11:50 AM		12:50 PM		1:50 PM		2:50 PM		3:50 PM		4:50 PM	
Fluid density (ppg)	8.35 (Fresh water w/ KCL substitute)													

Final ISIP = -18 psi

Surface pressure before test Packer and EOT Down hole pressure bombs @ 3 1/2" (2.684") FL tubing with no XN Nipple on bottom.	Hydrostatic Pressure Ph (psi)	Last Surf Pressure of each SRT	DHP Bomb 5623	DHP Bomb 5790	Friction Pressure @ MPP f/ DHP bomb	BJ's Friction Pressure @ EOT	My Calculated friction	From Cameron Hyd data Book @ EOT	From PE Handbook Fig 6.57, page 6-70 @ EOT
0.75	783	-17	707.06	710.78	57	4	7	4	
1.5	783	-21	706.42	710	54	14	24	15	
3	783	-11	715.12	718.8	55	51	83	57	
6	783	119	729.12	734.51	170	173	185	219	
9	783	314	753.21	758.91	341	361	367	484	
12	783	568	780.34	786.99	567	610	603	855	
15	783	881	815.52	818.63	847	915	892	1325	

BHTP = Ph+Ps-Pf-Ppf

BHTP = Bottomhole treating pressure, Ph = hydrostatic pressure; Ps = surface pressure; Pf = tubing & casing friction, Ppf is perf friction casing and perf friction = ±0 for the rate we are pumping during the SRT

Ps = Ph + Ps - BHTP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ST UO 1194A
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 921-34L SWD
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047402550000
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: 2649 FSL 0423 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 34 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 type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/15/2010	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="FIRST INJECTION"/>

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

THIS SWD WELL HAD FIRST INJECTION ON 1/15/2010. PLEASE REFER TO THE WELL COMPLETION REPORT SUBMITTED 6/22/2010 FOR FURTHER DETAILS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 23, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 8/10/2010