

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UT ST ML-3282
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	8. Lease Name and Well No. NBU 921-16J
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1994'FSL, 1660'FEL At proposed prod. Zone 44323564 40.034284 -109.553531		9. API Well No. 43047393100
14. Distance in miles and direction from nearest town or post office* 11.7 +/- MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1660'	16. No. of Acres in lease 280.00	11. Sec., T., R., M., or Blk. and Survey or Area SEC. 16, T9S, R21E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 10,250'	12. County or Parish UINTAH
20. BLM/BIA Bond No. on file RLB0005239	17. Spacing Unit dedicated to this well 40.00	13. State UTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4846'GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 6/4/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 11-08-07
Title ENVIRONMENTAL MANAGER	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

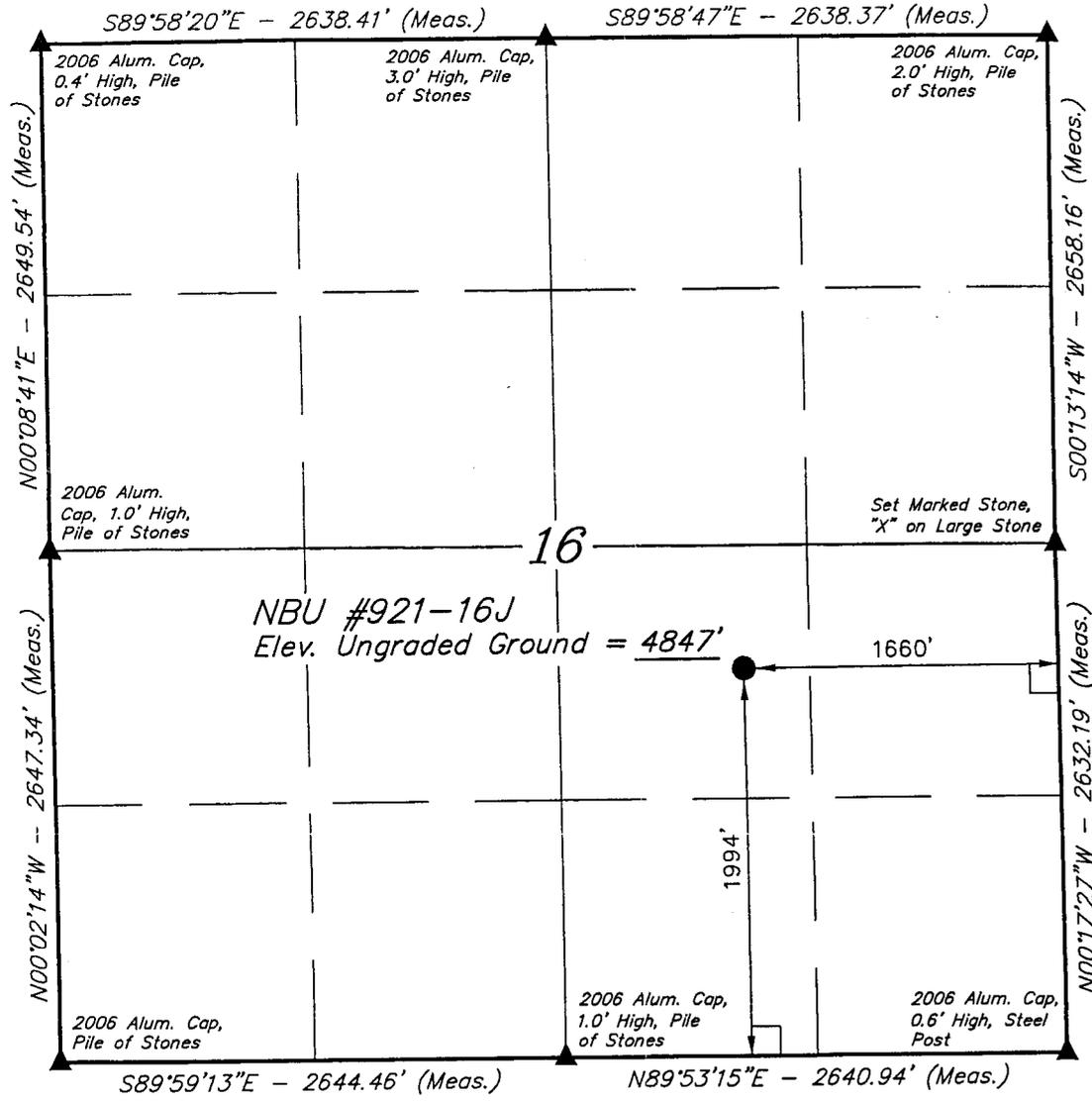
JUN 11 2007

DIV. OF OIL, GAS & MINING

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

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #921-16J, located as shown in the NW 1/4 SE 1/4 of Section 16, T9S, R21E, S.L.B.&M., Uintah County, Utah.

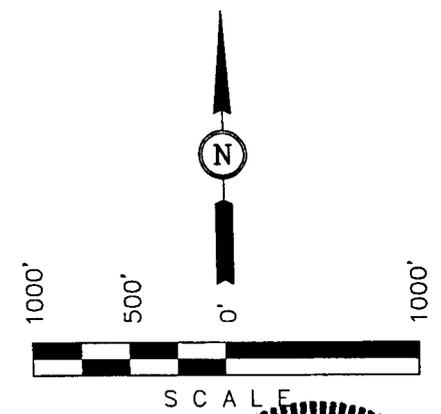


BASIS OF ELEVATION

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 SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

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



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

ROBERT J. KEAT
REGISTERED LAND SURVEYOR
UTAH
NO. 161819
STATE

LEGEND:

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

(NAD 83)
 LATITUDE = $40^{\circ}02'03.53''$ (40.034314)
 LONGITUDE = $109^{\circ}33'11.78''$ (109.553272)
 (NAD 27)
 LATITUDE = $40^{\circ}02'03.66''$ (40.034350)
 LONGITUDE = $109^{\circ}33'09.30''$ (109.552583)

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-31-07	DATE DRAWN: 04-06-07
PARTY D.K. M.B. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

**NBU 921-16J
NW/SE Sec. 16, T9S, R21E
UINTAH COUNTY, UTAH
UT ST ML-3282**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1707'
Top of Birds Nest Water	2029'
Mahogany	2402'
Wasatch	5110'
Mesaverde	8099'
MVU2	9027'
MVL1	9610'
TD	10,250'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1707'
	Top of Birds Nest Water	2029'
	Mahogany	2402'
Gas	Wasatch	5110'
Gas	Mesaverde	8099'
Gas	MVU2	9027'
Gas	MVL1	9610'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,250' TD, approximately equals 6355 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4100 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please see Natural Buttes Unit SOP.

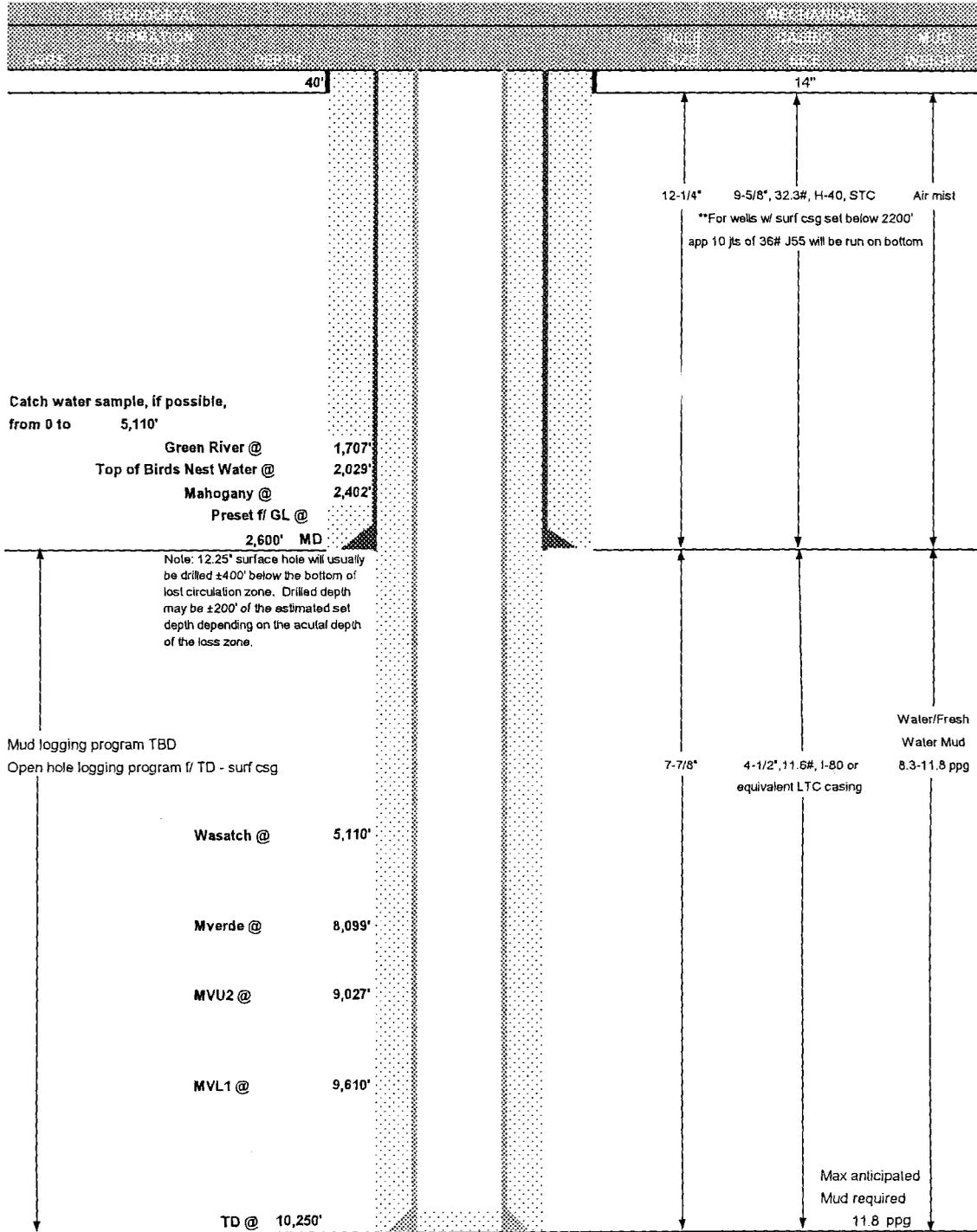
10. **Other Information:**

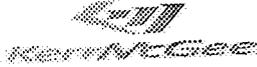
Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE May 31, 2007
 WELL NAME NBU 921-16J TD 10,250' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,846' GL KB 4,861'
 SURFACE LOCATION NWSE, SEC 16-T9S-R21E, 1994' FSL 1660' FEL BHL Straight Hole
 Latitude: 40.034314 Longitude: 109.553272
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: TRIBAL SURF & BLM MINERALS, UDOGM, Tri-County Health Dept.





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

CONDUCTOR	14"	0-40'					2270	1370	254000
SURFACE	9-5/8"	0 to 2200	32.30	H-40	STC	0.56*****	1.33	3.45	564000
	9-5/8"	2200 to 2600	36.00	J-55	STC	1.11*****	1.66	7.67	201000
PRODUCTION	4-1/2"	0 to 10250	11.60	I-80	LTC	1.93	1.01	1.94	

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft-partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.8 ppg) 22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
 MASP 4034 psi 2600 feet

***** Burst SF is low but csg is stronger than formation at
 ***** EMW @ 2600 for 2270# is 16.8 ppg or 0.9 psi/ft

CEMENT PROGRAM

SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18	
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18	
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized							
	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82	
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18	
PRODUCTION	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
	LEAD	4,610'	Premium Lite II + 3% KCl + 0.25 pps ceffloake + 5 pps gilsonite + 10% gel + 0.5% extender	500	60%	11.00	3.38	
	TAIL	5,640'	50/50 Poz/G + 10% salt + 2% gel + 1% R-3	1580	60%	14.30	1.31	

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

- Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop To/Co surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

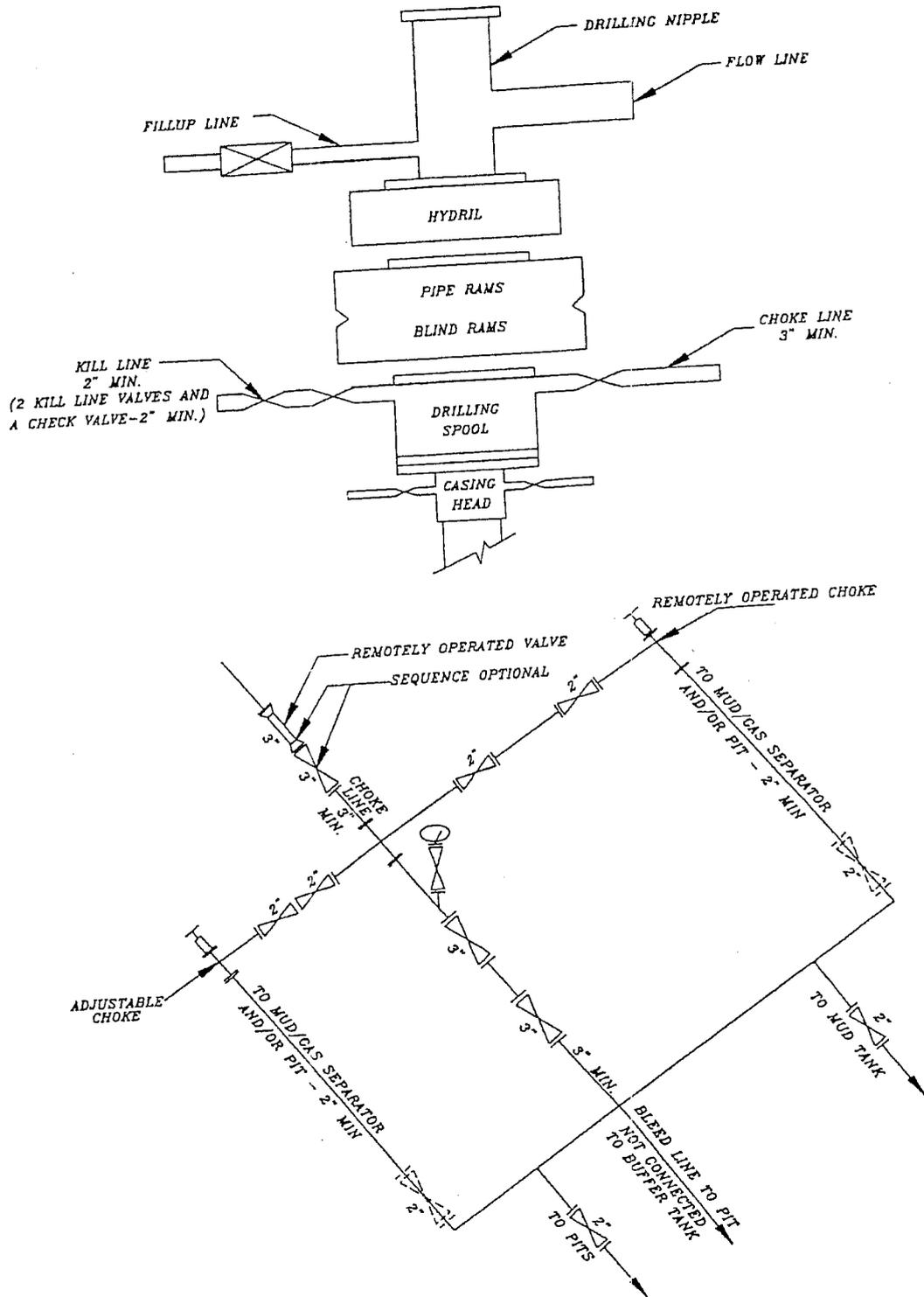
DRILLING SUPERINTENDENT:

Randy Bayne

DATE: _____

DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU 921-16J
NW/SE SEC. 16, T9S, R21E
UINTAH COUNTY, UTAH
UT ST ML-3282**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

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

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.1 +/- miles of new access road is proposed. Please refer to the attached Topo Map B.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 1302' +/- of 4" steel pipeline is proposed from the location to an existing pipeline. Refer to the attached Topo Map D.

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 requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

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 (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

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.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the 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 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

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 boundaries of the unit.

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

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

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.

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 the terms and conditions of the lease for the operations conducted upon leased lands.

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.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah 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.


Sheila Upchego

6/4/2007

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J

SECTION 16, 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; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.9 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 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE #43-16 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 42.7 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T9S, R21E, S.L.B.&M.

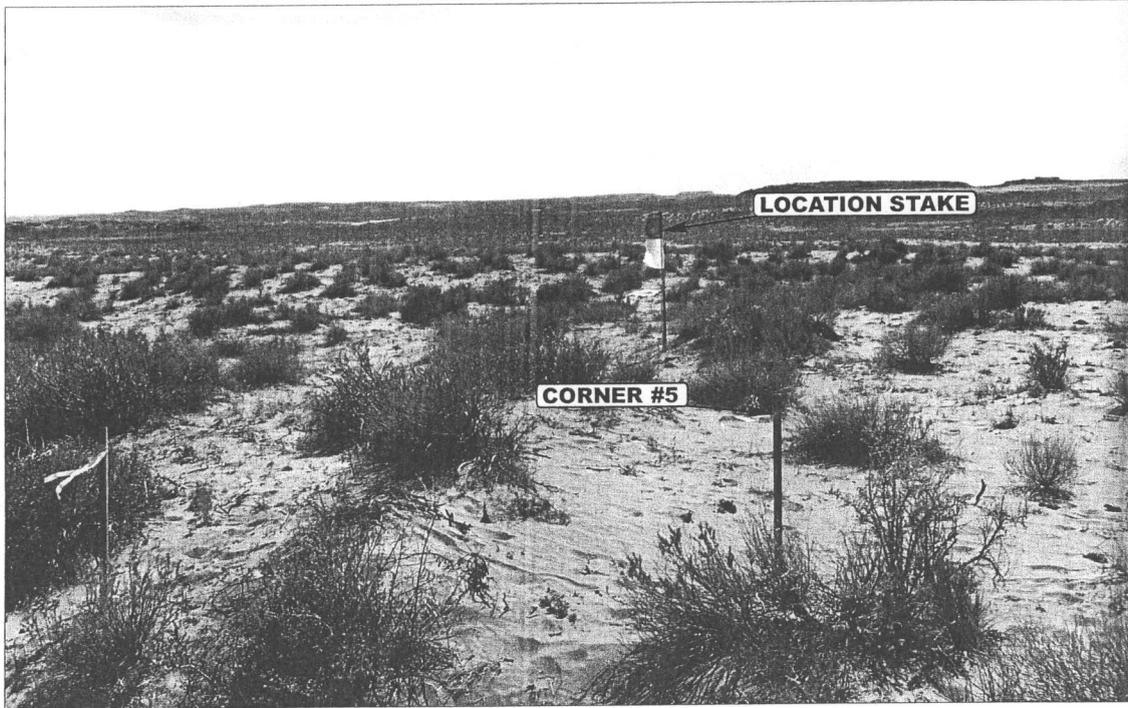


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

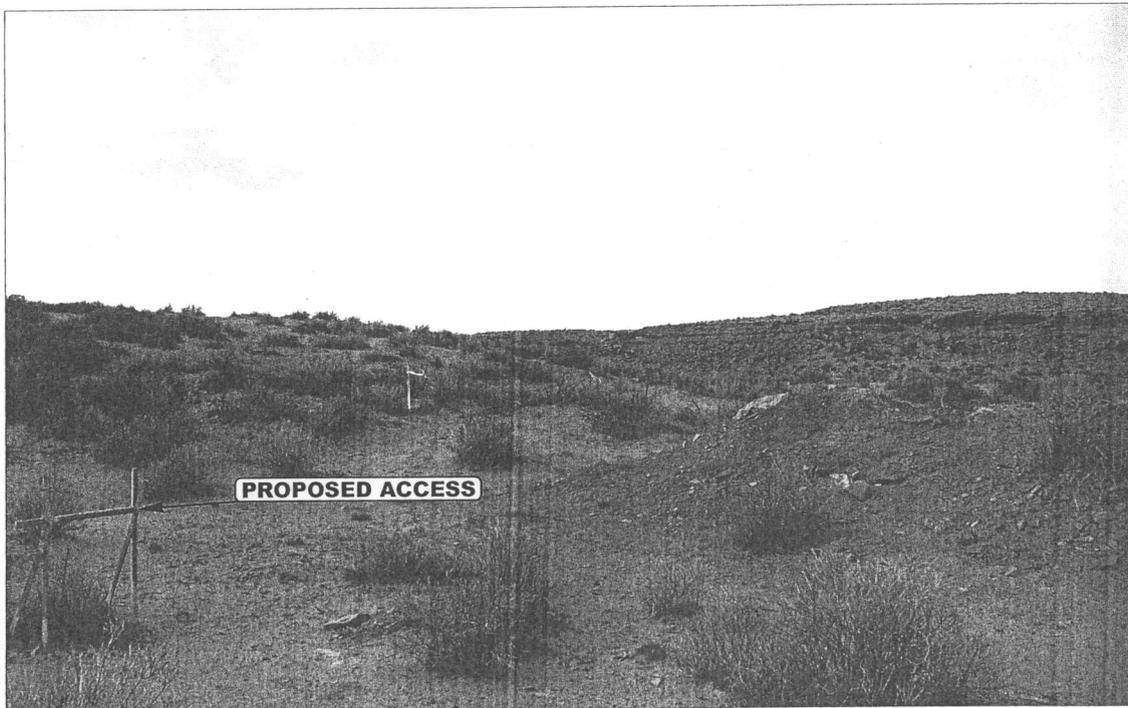


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

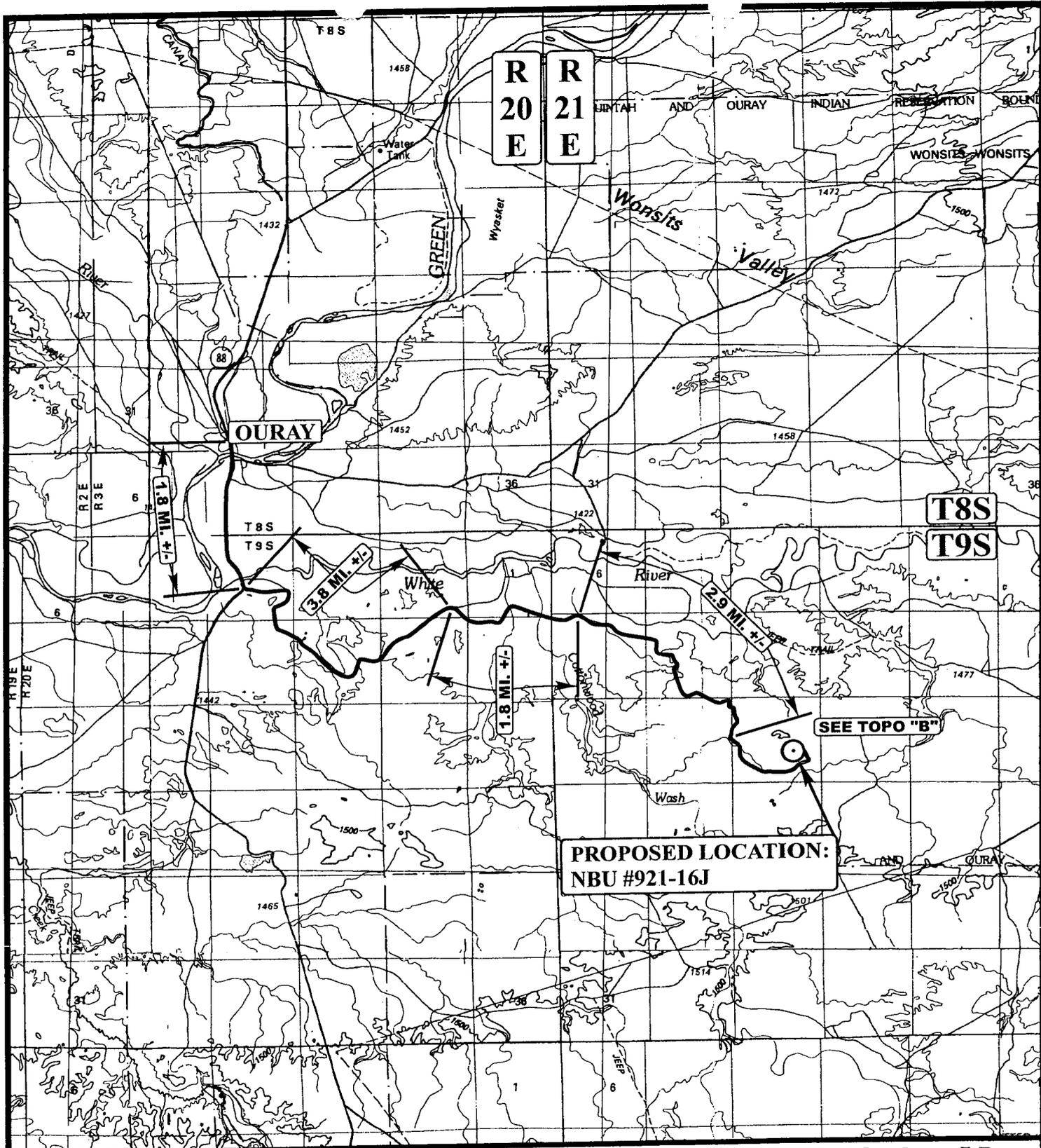
04 05 07
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



**PROPOSED LOCATION:
NBU #921-16J**

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

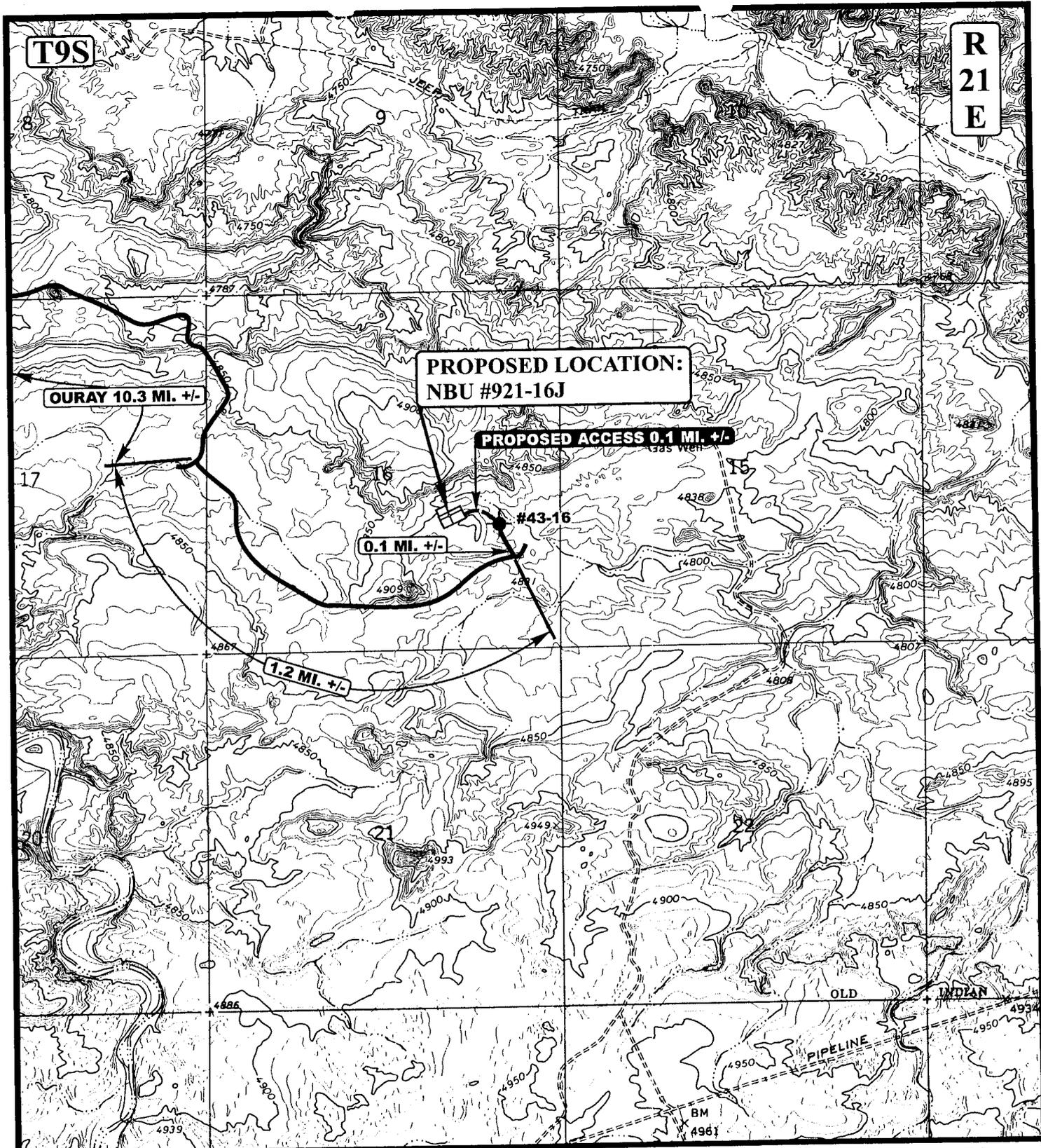
NBU #921-16J

SECTION 16, T9S, R21E, S.L.B.&M.

1994' FSL 1660' FEL

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

TOPOGRAPHIC 04 05 07
 MAP MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00 **TOPO**



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J
SECTION 16, T9S, R21E, S.L.B.&M.
1994' FSL 1660' FEL



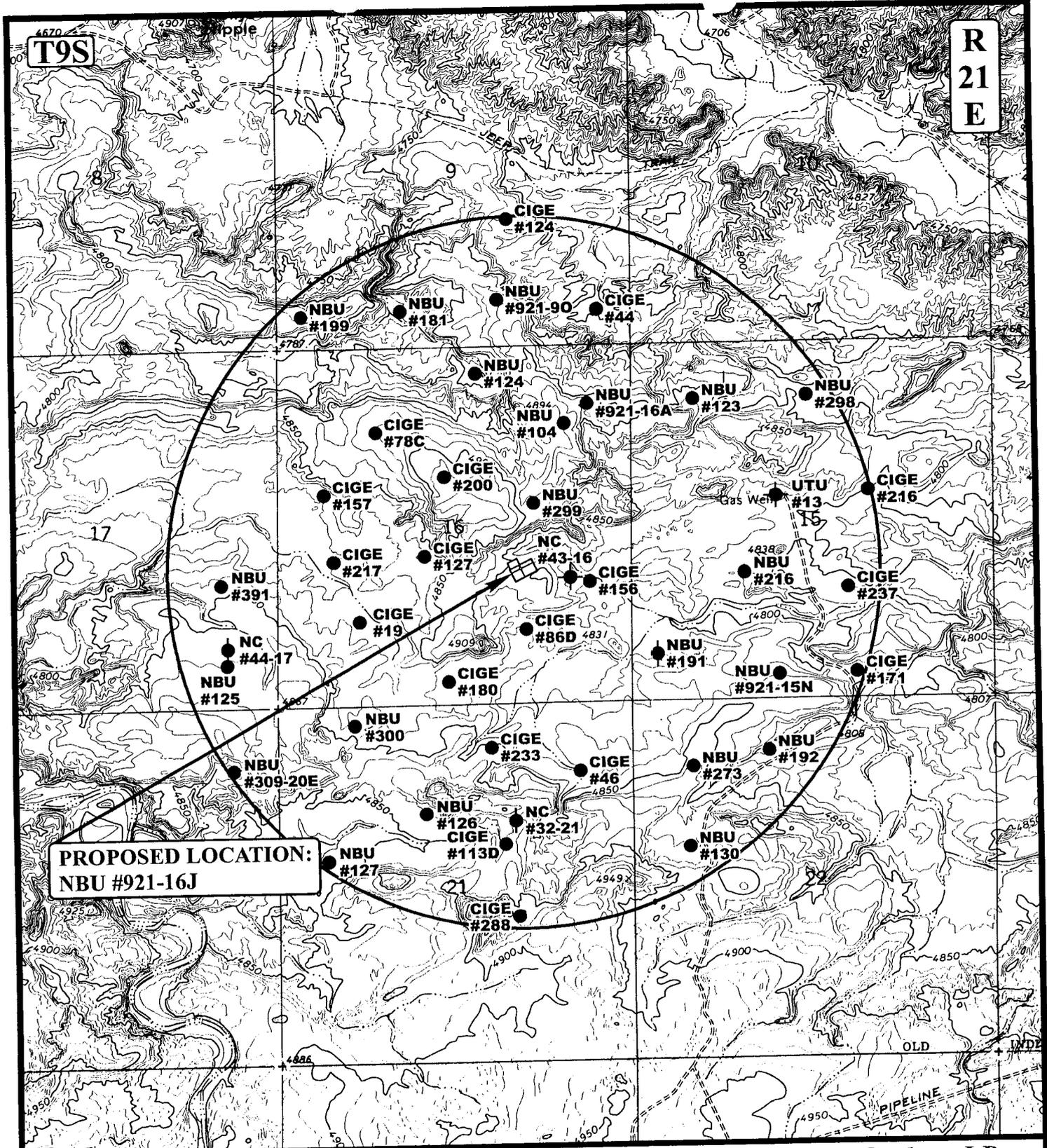
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

04	05	07
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B
TOPO



R
21
E

T9S

PROPOSED LOCATION:
NBU #921-16J

LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J
SECTION 16, T9S, R21E, S.L.B.&M.
1994' FSL 1660' FEL



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

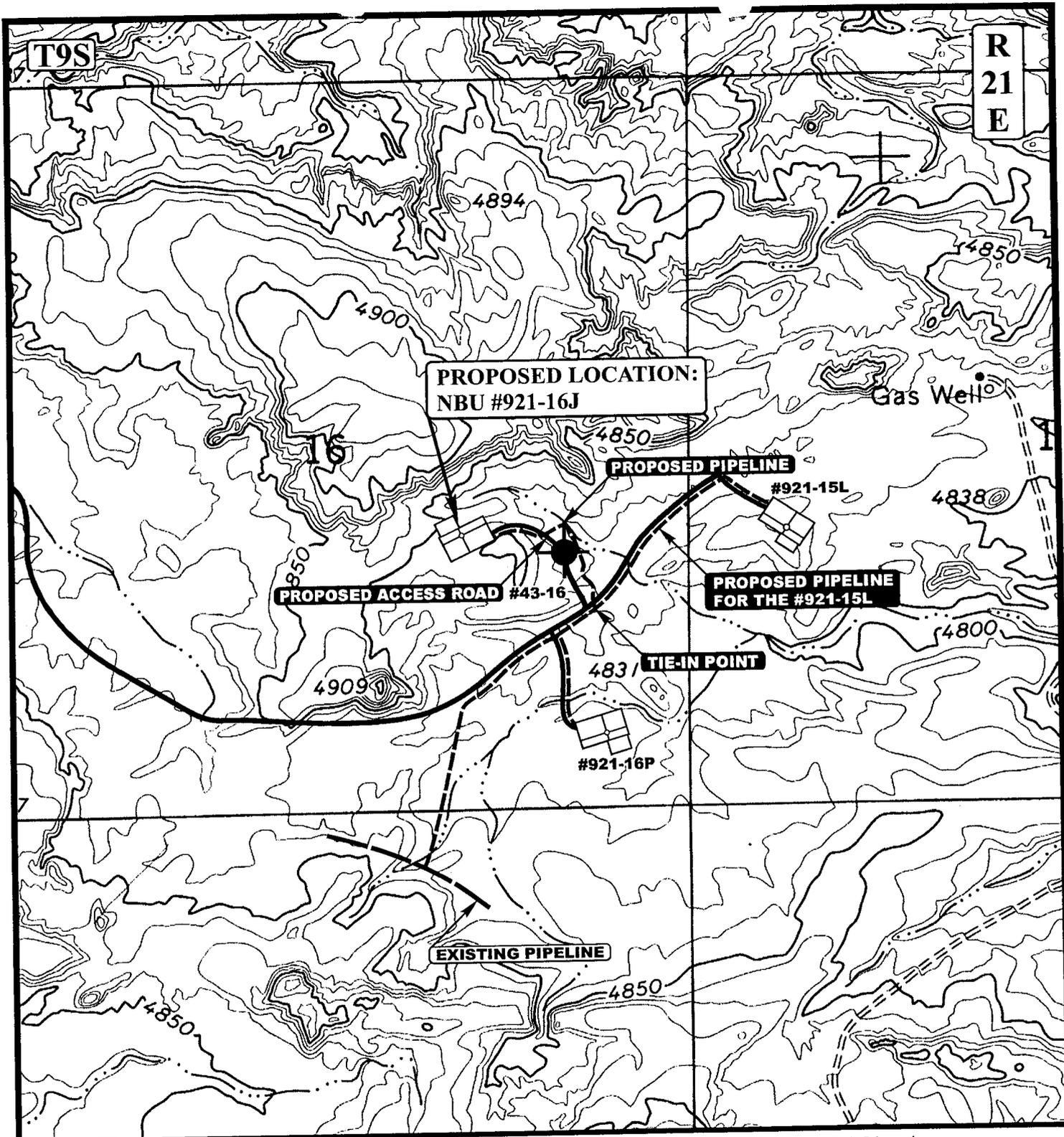


TOPOGRAPHIC
MAP

04	05	07
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,302' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J

SECTION 16, T9S, R21E, S.L.B.&M.

1994' FSL 1660' FEL



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

TOPOGRAPHIC
MAP

04	05	07
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

D
TOPO

Kerr-McGee Oil & Gas Onshore LP

NBU #921-16J

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 16, T9S, R21E, S.L.B.&M.

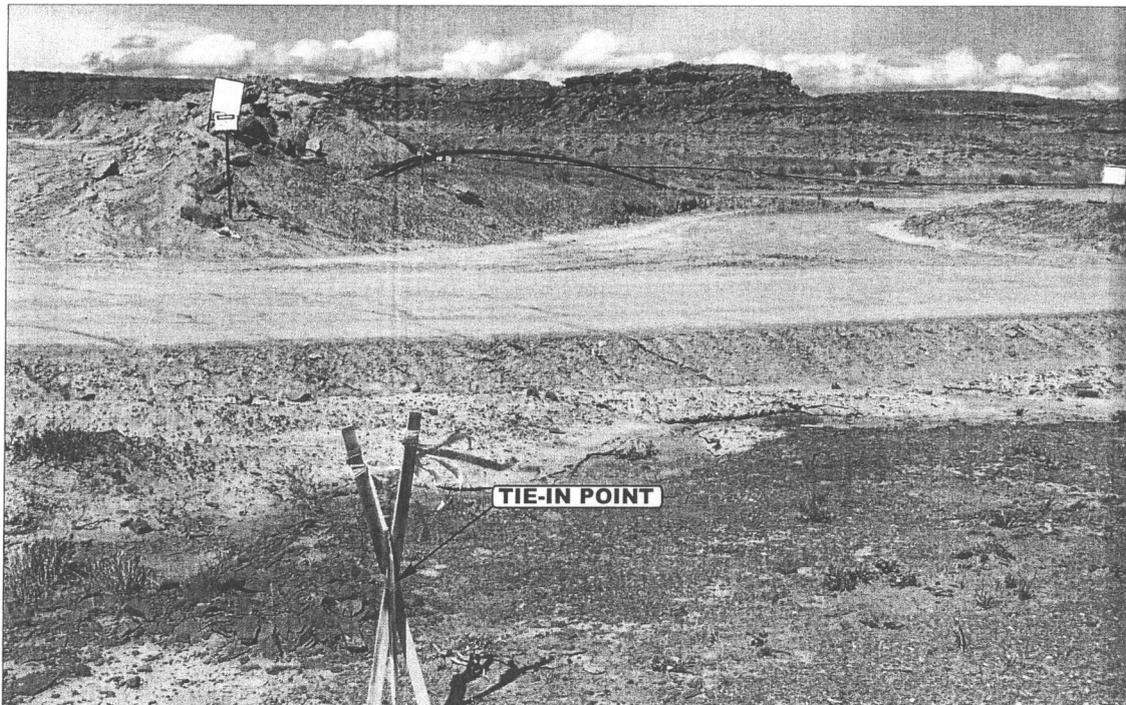


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY

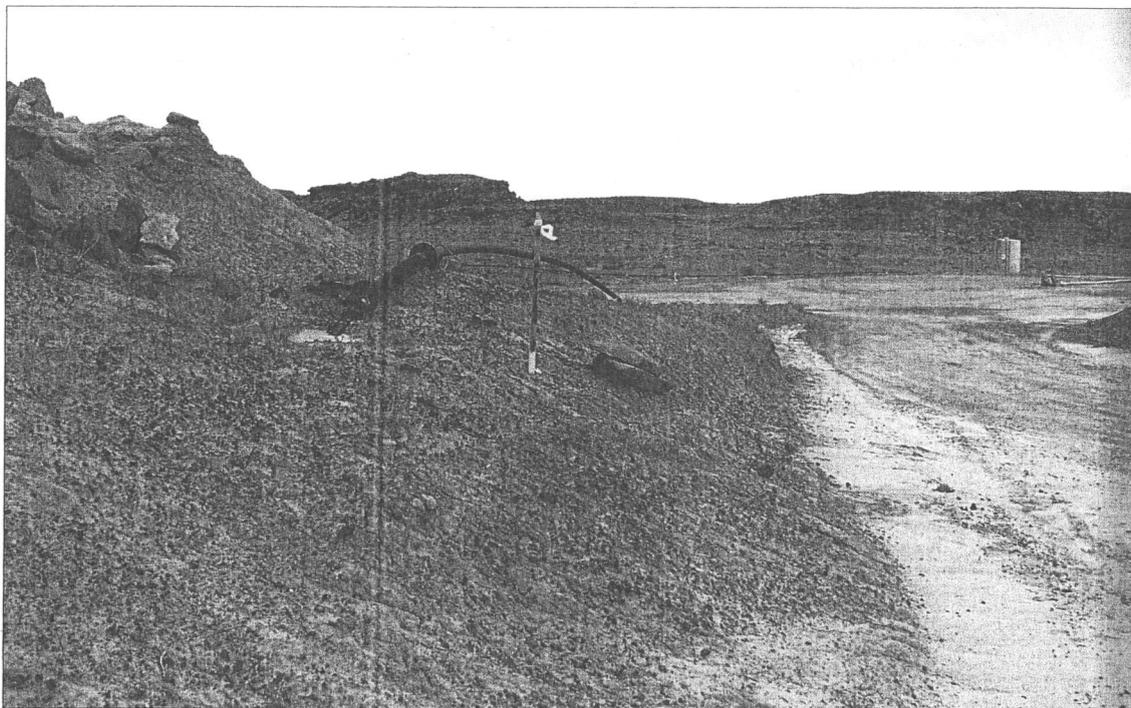


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

PIPELINE PHOTOS

04 05 07
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

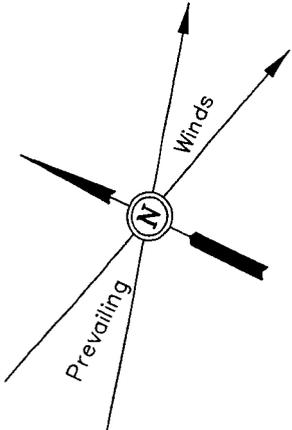
REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

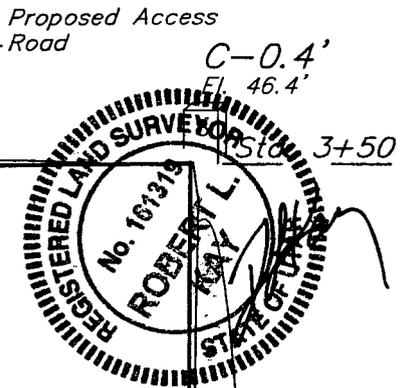
FIGURE #1

LOCATION LAYOUT FOR

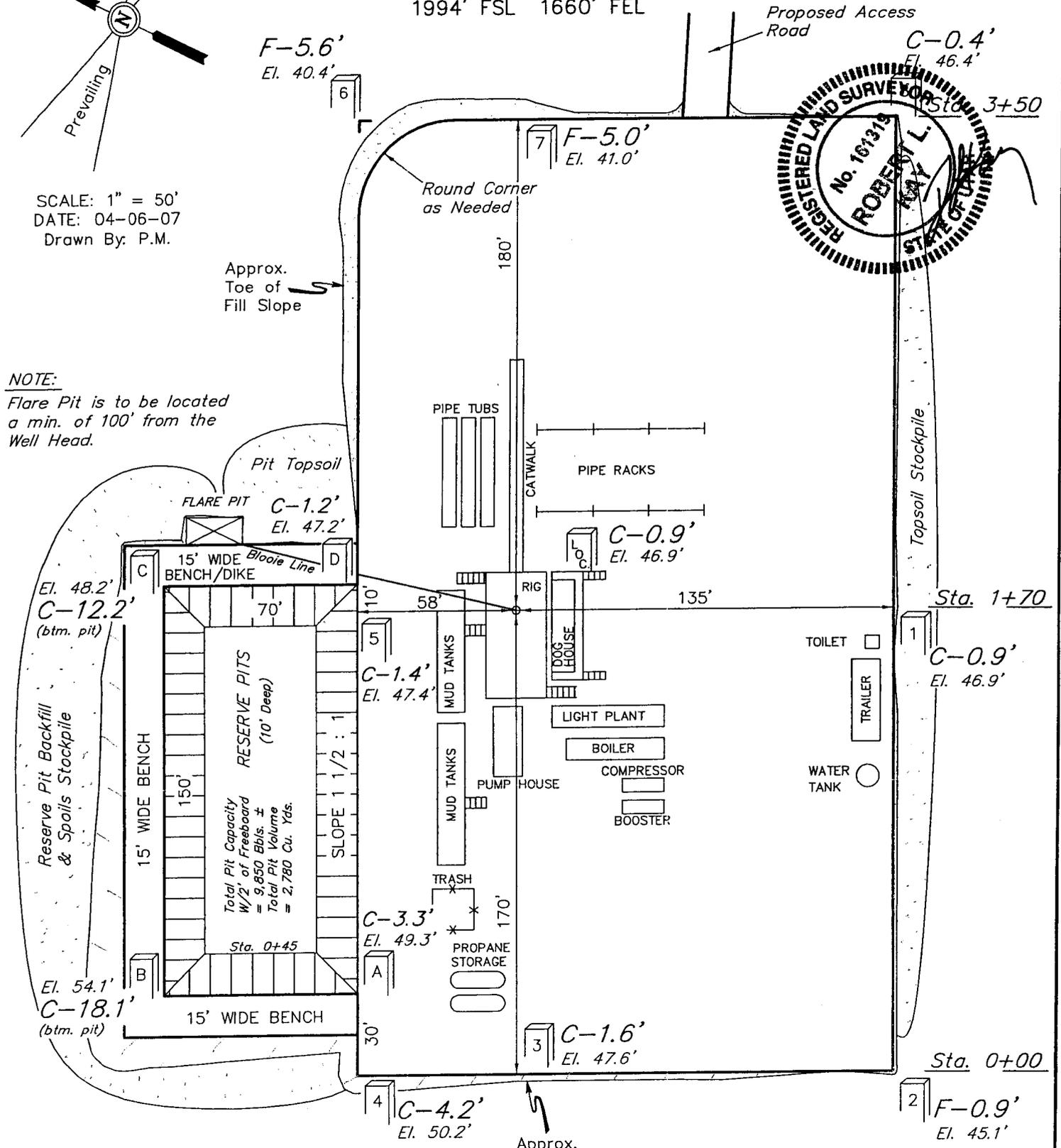
NBU #921-16J
SECTION 16, T9S, R21E, S.L.B.&M.
1994' FSL 1660' FEL



SCALE: 1" = 50'
DATE: 04-06-07
Drawn By: P.M.



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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4846.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 4846.0'

Approx.
Top of
Cut Slope

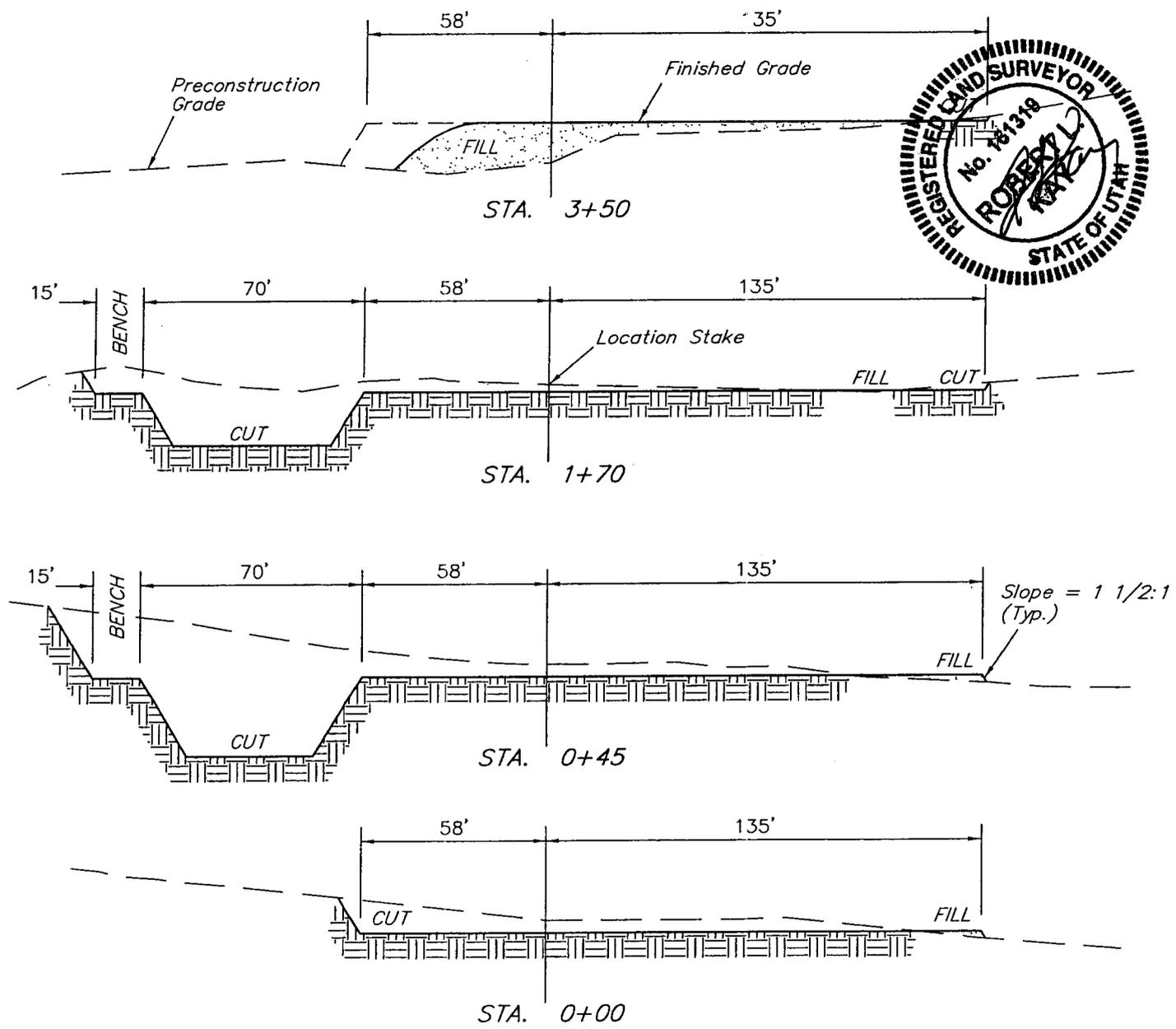
Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NBU #921-16J
 SECTION 16, T9S, R21E, S.L.B.&M.
 1994' FSL 1660' FEL

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

DATE: 04-06-07
 Drawn By: P.M.



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

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,340 Cu. Yds.
Remaining Location	= 5,210 Cu. Yds.
TOTAL CUT	= 8,550 CU.YDS.
FILL	= 3,820 CU.YDS.

EXCESS MATERIAL	= 4,730 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,730 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/11/2007

API NO. ASSIGNED: 43-047-39360

WELL NAME: NBU 921-16J
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:
 NWSE 16 090S 210E
 SURFACE: 1994 FSL 1660 FEL
 BOTTOM: 1994 FSL 1660 FEL
 COUNTY: UINTAH
 LATITUDE: 40.03428 LONGITUDE: -109.5525
 UTM SURF EASTINGS: 623499 NORTHINGS: 4432356
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DLD	11/8/07
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-3282
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
 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

____ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

____ R649-3-3. Exception

Drilling Unit
 Board Cause No: 17314
 Eff Date: 12-2-97
 Siting: 460' fr u.s. d. g. & u.s. n. r. a. c. b.

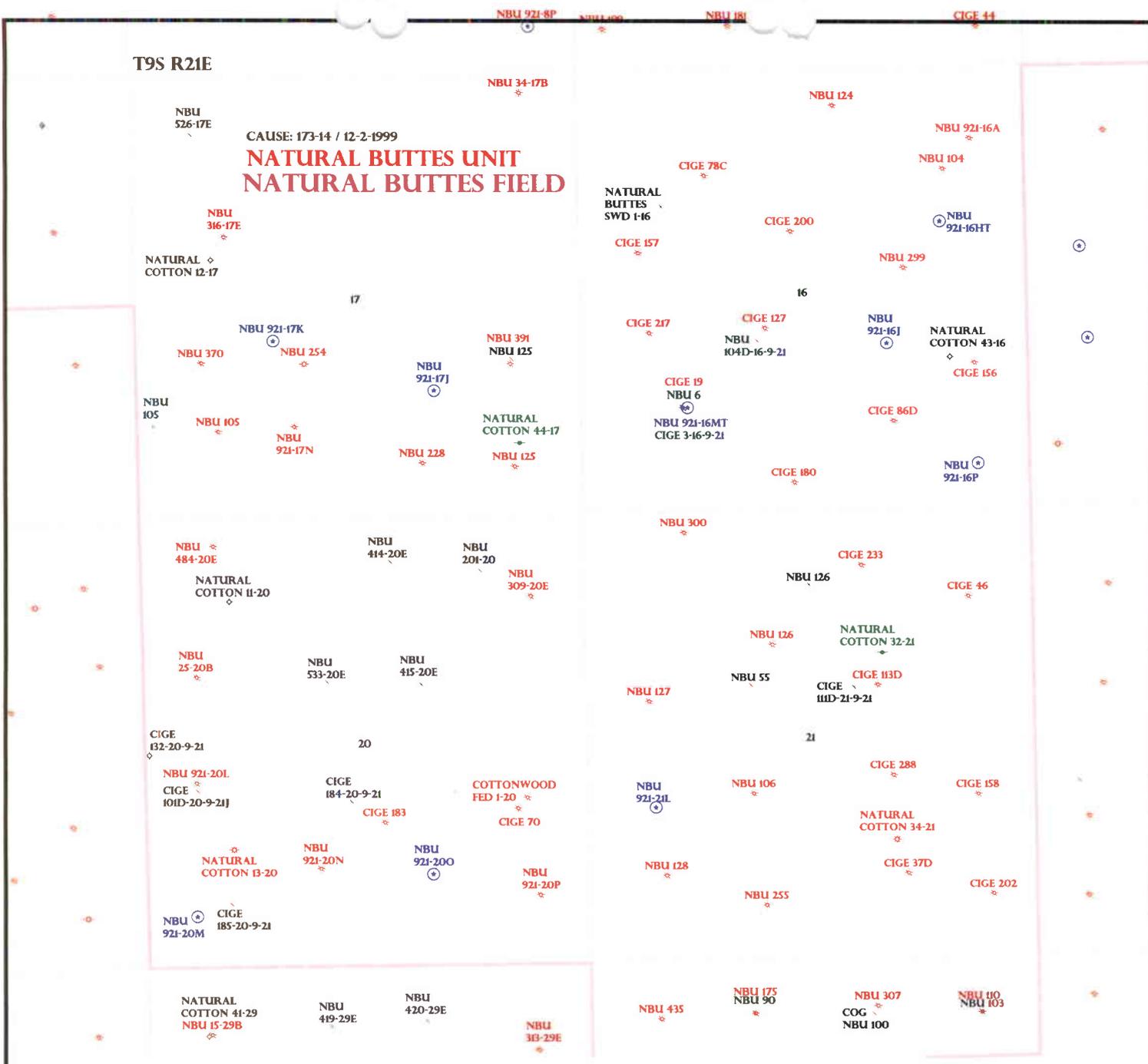
____ R649-3-11. Directional Drill

COMMENTS: Sep. Separat. Re

STIPULATIONS: 1- Federal Approval
2- On SHALE
3- STATEMENT OF BASIS
4- Surface Csg Cont Step

T9S R21E

CAUSE: 173-14 / 12-2-1999
NATURAL BUTTES UNIT
NATURAL BUTTES FIELD



OPERATOR: KERR MCGEE O&G (N9550)

SEC: 16,17,20 T.9S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

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



PREPARED BY: DIANA MASON
 DATE: 14-JUNE-2007

Application for Permit to Drill

Statement of Basis

8/9/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
498	43-047-39360-00-00		GW	I	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, LP		Surface Owner-APD		
Well Name	NBU 921-16J		Unit NATURAL BUTTES		
Field	NATURAL BUTTES		Type of Work		
Location	NWSE 16 9S 21E S 1994 FSL 1660 FEL GPS Coord (UTM) 623499E 4432356N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,500' 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 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. 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 surface casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

8/9/2007
Date / Time

Surface Statement of Basis

The surface rights at the proposed location are owned by the Ute Indian Tribe. The operator is responsible for obtaining all required permits and rights-of-way prior to making any surface disturbance or drilling the well.

Brad Hill
Onsite Evaluator

8/9/2007
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, LP
Well Name NBU 921-16J
API Number 43-047-39360-0 **APD No** 498 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NWSE **Sec** 16 **Tw** 9S **Rng** 21E 1994 FSL 1660 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Regional/Local Setting & Topography

Surface Use Plan

Current Surface Use

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

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?
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Reserve Pit

Site-Specific Factors

Site Ranking

- 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**

Final Score

Sensitivity Level

Characteristics / Requirements

Closed Loop Mud Required?

Liner Required?

Liner Thickness

Pit Underlayment Required?

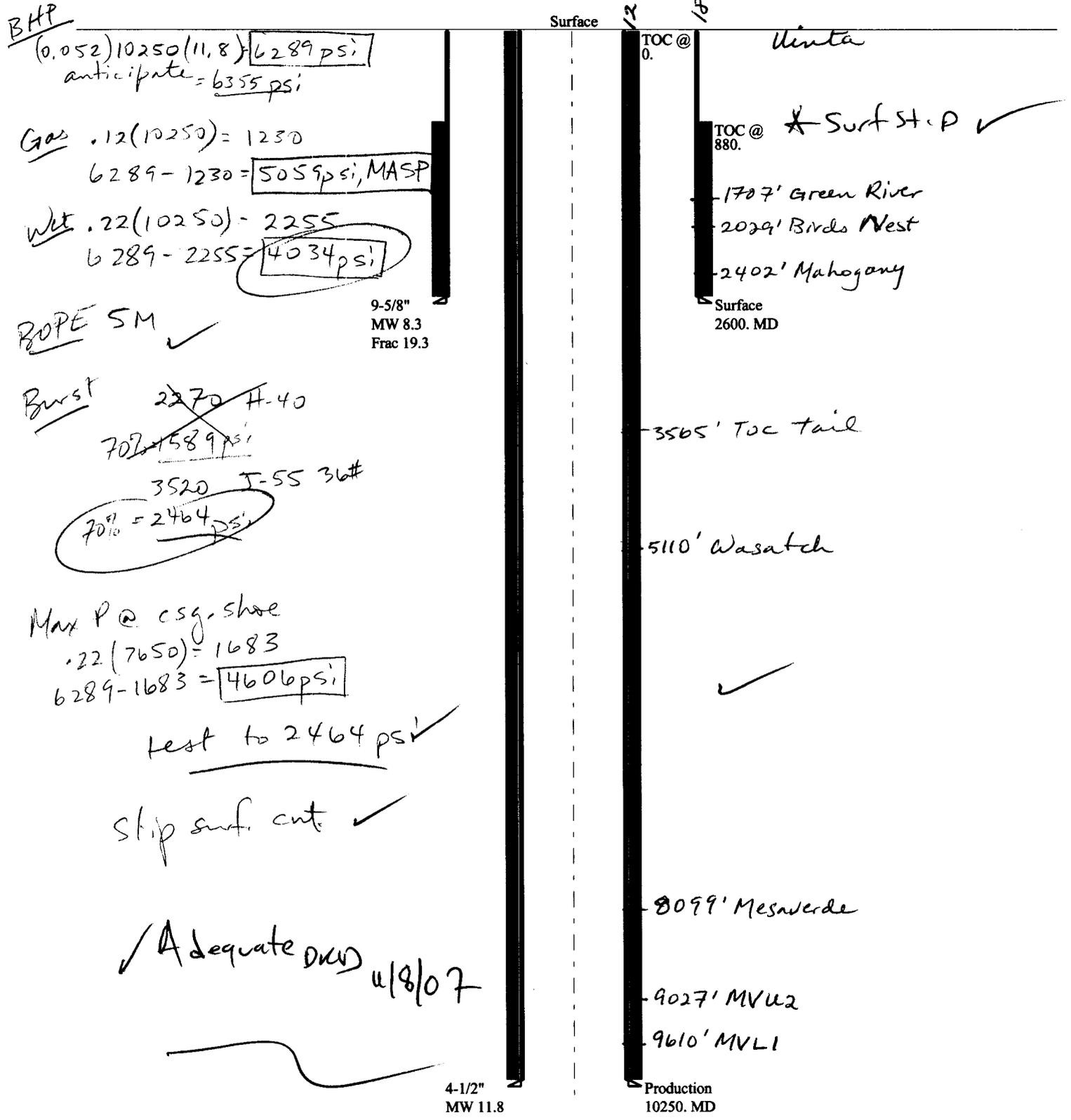
Other Observations / Comments

Brad Hill
Evaluator

8/9/2007
Date / Time

2007-06 Kerr McGee NBU 921-16J

Casing Schematic



BHP
 $(0.052)10250(11.8) = 6289 \text{ psi}$
 anticipate = 6355 psi

Gas $.12(10250) = 1230$
 $6289 - 1230 = 5059 \text{ psi, MASP}$

Wt $.22(10250) = 2255$
 $6289 - 2255 = 4034 \text{ psi}$

ROPE SM ✓

9-5/8"
 MW 8.3
 Frac 19.3

Burst ~~2270 H-40~~
~~707-1589 psi~~
 3520 J-55 36#
 $70 \frac{\text{psi}}{10} = 2464 \text{ psi}$

Max P @ csg. shoe
 $.22(7650) = 1683$
 $6289 - 1683 = 4606 \text{ psi}$

Test to 2464 psi ✓

Slip surf. cut ✓

✓ Adequate DWD u/8/07

4-1/2"
 MW 11.8

TOC @ 0.

Uinta

TOC @ 880. * Surf St. P ✓

1707' Green River

2029' Birds Nest

2402' Mahogany

Surface
 2600. MD

3565' Toc Tail

5110' Wasatch

✓

8099' Mesaverde

9027' MVU2

9610' MVL1

Production
 10250. MD

Well name:	2007-06 Kerr McGee NBU 921-16J	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	
String type:	Surface	Project ID: 43-047-39360
Location:	Uintah County, Utah	

Design parameters:

Collapse
Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:
Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 111 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,400 ft

Burst

Max anticipated surface pressure: 2,288 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,600 psi

No backup mud specified.

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: 2,281 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 10,250 ft
Next mud weight: 11.800 ppg
Next setting BHP: 6,283 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,600 ft
Injection pressure: 2,600 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	2600	9.625	36.00	J-55	ST&C	2600	2600	8.796	1128.6

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	1121	2020	1.802	2600	3520	1.35	82	394	4.80 J

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

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

Date: June 29, 2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2600 ft, a mud weight of 8.3 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.

Well name:	2007-06 Kerr McGee NBU 921-16J	
Operator:	Kerr McGee Oil & Gas Onshore L.P.	
String type:	Production	Project ID: 43-047-39360
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 11.800 ppg
 Internal fluid density: 2.300 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 218 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 4,028 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,283 psi

No backup mud specified.

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)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 8,442 ft

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 (ft ³)
1	10250	4.5	11.60	I-80	LT&C	10250	10250	3.875	894.5
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	5058	6360	1.257	6283	7780	1.24	98	212	2.16 J

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

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

Date: August 29, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10250 ft, a mud weight of 11.8 ppg. An internal gradient of .119 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 18, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-39375	NBU 1021-05MT	Sec 05 T10S R21E 0745 FSL 0529 FWL
43-047-39376	NBU 1021-11I	Sec 11 T10S R21E 2387 FSL 1247 FEL
43-047-39377	NBU 1021-11O	Sec 11 T10S R21E 1192 FSL 2437 FEL
43-047-39378	NBU 1021-11N	Sec 11 T10S R21E 1258 FSL 1861 FWL
43-047-39379	NBU 1021-11P	Sec 11 T10S R21E 0232 FSL 1170 FEL
43-047-39380	NBU 1021-11M	Sec 11 T10S R21E 0425 FSL 1318 FWL
43-047-39381	NBU 1021-11J	Sec 11 T10S R21E 2252 FSL 2402 FEL
43-047-39383	NBU 1021-12A	Sec 12 T10S R21E 0835 FNL 0781 FEL
43-047-39382	NBU 1021-12M	Sec 12 T10S R21E 1022 FSL 0329 FWL
43-047-39384	NBU 1021-12N	Sec 12 T10S R21E 0677 FSL 2302 FWL
43-047-39385	NBU 1021-12K	Sec 12 T10S R21E 1532 FSL 1952 FWL
43-047-39386	NBU 1021-12L	Sec 12 T10S R21E 1580 FSL 0196 FWL
43-047-39360	NBU 921-16J	Sec 16 T09S R21E 1994 FSL 1660 FEL
43-047-39361	NBU 921-16HT	Sec 16 T09S R21E 1858 FNL 1013 FEL
43-047-39362	NBU 921-16MT	Sec 16 T09S R21E 1261 FSL 1248 FWL
43-047-39363	NBU 921-17K	Sec 17 T09S R21E 2147 FSL 1635 FWL
43-047-39364	NBU 921-17J	Sec 17 T09S R21E 1508 FSL 1748 FEL
43-047-39365	NBU 921-20M	Sec 20 T09S R21E 0568 FSL 0586 FWL
43-047-39366	NBU 921-20O	Sec 20 T09S R21E 1026 FSL 1859 FEL
43-047-39367	NBU 921-23C	Sec 23 T09S R21E 0817 FNL 1945 FWL
43-047-39368	NBU 921-25NT	Sec 25 T09S R21E 1150 FSL 2607 FWL
43-047-39369	NBU 922-18O	Sec 18 T09S R22E 1255 FSL 2083 FEL

Page 2

43-047-39370 NBU 922-18I Sec 18 T09S R22E 1600 FSL 0901 FEL
43-047-39371 NBU 922-18G Sec 18 T09S R22E 2009 FNL 1936 FEL
43-047-39372 NBU 922-20E Sec 20 T09S R22E 2182 FNL 0452 FWL
43-047-39387 NBU 1022-6B-2 Sec 06 T10S R22E 0160 FNL 2289 FEL
43-047-39389 NBU 1022-24B Sec 24 T10S R22E 1035 FNL 1619 FEL
43-047-39374 NBU 1020-24BT Sec 24 T10S R20E 0914 FNL 1966 FEL
43-047-39373 NBU 1020-01KT Sec 01 T10S R20E 1731 FSL 1834 FWL

Our records indicate the NBU 1022-24B is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-18-07

Helen Sadik-Macdonald - Surface Casing changes

From: "Laney, Brad"
To:
Date: 09/07/2007 3:26 PM
Subject: Surface Casing changes
CC: "Upchego, Sheila" , "Worthen, Rebecca"

Helen,

The following wells will have 36# casing run in them for the entire surface casing interval.

NBU 921-16P
NBU 921-16J
NBU 921-16HT
NBU 921-16MT
NBU 921-25NT
NBU 921-34MT

Anadarko is currently in the process of converting all future wells to a 36# surface casing string but we will continue to utilize our existing inventory of 32.3# until sometime in October. All future permits will reflect the changes to the surface casing. If you need any additional paperwork or have any questions, let me know.

Thanks again
Brad

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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 8, 2007

Kerr McGee Oil and Gas Onshore LP
1368 S 1200 East
Vernal, UT 84078

Re: NBU 921-16J Well, 1994' FSL, 1660' FEL, NW SE, Sec. 16, 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 43-047-39360.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Kerr McGee Oil and Gas Onshore LP
Well Name & Number NBU 921-16J
API Number: 43-047-39360
Lease: ML-3282

Location: NW SE Sec. 16 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) 942-0873 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.

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.
8. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

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
4304739360	NBU 921-16J		NWSE	16	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>B</i>	99999	<i>2900</i>	5/29/2008			<i>5/29/08</i>	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>W5MVD</i> SPUD WELL LOCATION ON 05/29/2008 AT 1000 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

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)

Sheila Upchego

Signature

SENIOR LAND SPECIALIST

8/29/2008

Title

Date

RECEIVED

MAY 28 2008

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee Oil & Gas Onshore, LP.

Well Name: NBU 921-16J

API No: 43-047-39360 Lease Type: State/Indian

Section 16 Township 09S Range 21E County Uintah

Drilling Contractor Pete Martin Drilling Rig # Rathole

SPUDDED:

Date 5-29-08

Time 10:00 AM

How Dry

Drilling will Commence: _____

Reported by Lew Weldon

Telephone # 435-781-7060

Date 5-30-08 Signed RM

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: UTSTML-3282
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: TRIBAL SURFACE
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 921-16J
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304739360
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1944'FSL, 1660'FEL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 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: <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 05/29/2008 AT 1000 HRS.

RECEIVED
JUN 09 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 5/29/2008

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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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTSTML-3282
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: TRIBAL SURFACE
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1944'FSL, 1660'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 9S, 21E		8. WELL NAME and NUMBER: NBU 921-16J
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304739360
		10. 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 (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 06/02/2008. DRILLED 12 1/4" SURFACE HOLE TO 2750'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/250 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/325 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB GEL WATER TO SURFACE NO LEAD CMT TO SURFACE 600 PSI LIFT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE CMT TO SURFACE. TOP OUT W/75 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 SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 6/6/2008

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JUN 17 2008

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: UTSTML-3282
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: TRIBAL SURFACE
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 921-16J
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304739360
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1944'FSL, 1660'FEL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 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: FINAL DRILLING OPERATIONS
	<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.

FINISHED DRILLING FROM 2750' TO 10,150' ON 06/20/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/388 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1150 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROPPED PLUG & DISPLACE W/157 BBLs FRESH WATER @2900 PSI BUMPED PLUG @3400 PSI FLOATS HELD W/1 BBL RETURN GOOD RETURNS DURING CMT JOB LOST RETURNS ON START OF DISPLACEMENT. HANG OFF 4 1/2" PROD CSG TEST HANGER @5000 PSI N/DN BOP CLEAN RIG TANKS.

RELEASED PIONEER RIG 54 ON 06/23/2008 AT 1100 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE	DATE 6/24/2008

(This space for State use only)

RECEIVED

JUN 26 2008

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: UTSTML-3282
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: TRIBAL SURFACE
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 921-16J
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304739360
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1944'FSL, 1660'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 9S, 21E		10. 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 (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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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>PRODUCTION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>START-UP</u>

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

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/10/2008 AT 12:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>8/11/2008</u>

(This space for State use only)

RECEIVED
AUG 13 2008

Wins No.: 94957

NBU 921-16J

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 05/29/2008	GL 4,846	KB 4865	ROUTE
API 4304739360	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.03431 / -109.55327	Q-Q/Sect/Town/Range: NWSE / 16 / 9S / 21E	Footages: 1,994.00' FSL 1,660.00' FEL			

Wellbore: NBU 921-16J

MTD 10,150	TVD 10,138	PBMD 10,013	PBTVD
EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 5/29/2008	AFE NO.: 2007715
	OBJECTIVE: DEVELOPMENT	END DATE: 6/23/2008	
	OBJECTIVE 2: VERTICAL WELL	DATE WELL STARTED PROD.:	
	REASON:	Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	05/29/2008	05/29/2008	05/29/2008	05/29/2008	05/29/2008	05/29/2008	05/29/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	MD:
5/29/2008	10:00 - 15:00	5.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1000 HR 5/29/08 DRILL AND SET 40' OF SCHEDULE 10 PIPEDRILL RODENT HOLES FOR RIG 83 BLM AND STATE NOTIFIED OF SPUD	57
6/2/2008	18:00 - 0:00	6.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1800 HR 6/2/08DA AT REPORT TIME 770'	770
6/3/2008	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1260'	1,620
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1620'	
6/4/2008	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1860'	2,220
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2220'	
6/5/2008	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2470'	2,750
	12:00 - 16:00	4.00	DRLSUR	02		P	RIG T/D @ 2750' CONDITION HOLE 1 HR	
	16:00 - 0:00	8.00	DRLSUR	05		P	TRIP DP OUT OF HOLE HAVING TROUBLE BREAKING OUT COLLARS	

Wins No.: 94957

NBU 921-16J

API No.: 4304739360

DATE	SUPERVISOR	TIME	ACTIVITY	UNIT	STATUS	REMARKS	MD
6/6/2008	LEW WELDON	0:00 - 4:30	4.50 DRLSUR	05	P	FINISH LAYING DOWN DRILL PIPE	2,750
		4:30 - 8:30	4.00 DRLSUR	11	P	RUN 2703' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG	
		8:30 - 10:00	1.50 DRLSUR	15	P	CEMENT 1ST STAGE WITH 250 SKS LEAD @ 11# 3.82 23 GAL/SK AND 325 SKS TAIL @ 15.8# 1.15 5.0 GAL SK GOOD RETURNS THRUOUT JOB GEL WATER TO SURFACE NO LEAD CMT TO SURFACE 600 PSI LIFT	
		10:00 - 10:30	0.50 DRLSUR	15	P	1ST TOP JOB 125 SKS DOWN 1" PIPE NO CMT TO SURFACE WOC	
		10:30 - 12:30	2.00 DRLSUR	15	P	2ND TOP JOB 75 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
		12:30 - 12:30	0.00 DRLSUR			NO VISIBLE LEAKS PIT 1/4 FULL WORT	
6/10/2008	KENT MOORE	18:00 - 0:00	6.00 RDMO	01	E P	RDRT	2,750
6/11/2008	KENT MOORE	0:00 - 6:00	6.00 RDMO	01	E P	RDRT	2,750
		6:00 - 12:00	6.00 RDMO	01	F P	RDRT & MOVE TO NBU 921-16J	
		12:00 - 17:00	5.00 MIRU	01	B P	SET IN RIG	
		17:00 - 0:00	7.00 MIRU	01	B P	RURT	
6/12/2008	KENT MOORE	0:00 - 7:00	7.00 MIRU	01	B P	RURT	2,750
		7:00 - 11:00	4.00 DRLPRO	13	A P	N/UP BOP/CHOKE MANIFOLD	
		11:00 - 17:00	6.00 DRLPRO	13	C P	TEST BOP - RAMS, CHOKE MANIFOLD/CHOKE LINE, KELLY & VALVES 250 LOW 5000 HIGH - ANNULAR 250 LOW 2500 HIGH - CASING 1500 - INSTALL WEARBUSHING	
		17:00 - 21:30	4.50 DRLPRO	05	A P	HPJSM - R/UP P/UP MACHINE - P/UP BHA/DP - AG @ 2621'	
		21:30 - 23:00	1.50 DRLPRO	13	B P	INSTALL ROTATING HEAD & KELLY DRIVER - CENTER BOP - CHECK SURFACE EQUIP FOR LEAKS	

Wins No.: 94957

NBU 921-16J

API No.: 4304739360

	23:00 - 0:00	1.00	DRLPRO	02	F	P	DRILL CMT & FE TO 2676'	
6/13/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 4,635
	0:00 - 2:00	2.00	DRLPRO	02	F	P	DRILL CMT, FE & RATHLE TO 2750'	
	2:00 - 3:30	1.50	DRLPRO	02	B	P	DRLG /2750' TO 2863' (13' @ 75fph) MW 8.3	
	3:30 - 4:00	0.50	DRLPRO	09	A	P	WLS - .44	
	4:00 - 9:00	5.00	DRLPRO	02	B	P	DLG F/2863' TO 3370' (507' @ 101.4fph) MW 8.4	
	9:00 - 9:30	0.50	DRLPRO	09	A	P	WLS - 1.77	
	9:30 - 14:00	4.50	DRLPRO	02	B	P	DRLG F/3370' TO 3875' (505' @ 112.2fph) MW 8.5	
	14:00 - 14:30	0.50	DRLPRO	09	A	P	WLS - 2.31	
	14:30 - 15:30	1.00	DRLPRO	02	B	P	DRG 3875' TO 3970' (95' @ 95fph) MW 8.5	
	15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SER	
	16:00 - 20:00	4.00	DRLPRO	02	B	P	DRLG F/3970' TO 4382' (412' @ 103fph) MW 8.6	
	20:00 - 20:30	0.50	DRLPRO	09	A	P	WLS - 3.75	
	20:30 - 0:00	3.50	DRLPRO	02	B	P	DRLG F/4382' TO 4635' (253' @ 72.3fph) MW 8.8	
6/14/2008	<u>SUPERVISOR:</u> KENT MOORE							<u>MD:</u> 5,902
	0:00 - 3:30	3.50	DRLPRO	02	B	P	DRLG F/4635' TO 4920' (285' @ 81.4fph) MW 8.9	
	3:30 - 4:00	0.50	DRLPRO	09	A	P	WLS - 5.54	
	4:00 - 7:30	3.50	DRLPRO	02	B	P	DRLG F/4920' TO 5078' (158' @ 45.1fph) MW 9.0	
	7:30 - 8:00	0.50	DRLPRO	09	A	P	WLS - 2.90	
	8:00 - 13:30	5.50	DRLPRO	02	B	P	DRLG F/5078' TO 5520' (442' @ 80.4fph) MW 9.3	
	13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SER	

Wins No.: 94957

NBU 921-16J

API No.: 4304739360

13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SER
14:00 - 15:00	1.00	DRLPRO	02	B	P	DRLG F/5520' TO 5583' (63' @ 63fph) MW 9.3
15:00 - 15:30	0.50	DRLPRO	09	A	P	WLS - 5.98
15:30 - 22:00	6.50	DRLPRO	02	B	P	DRLG F/5583' TO 5837' (254' @ 39fph) MW 9.3
22:00 - 22:30	0.50	DRLPRO	09	A	P	WLS - 3.57
22:30 - 0:00	1.50	DRLPRO	02	B	P	DRLG F/5837' TO 5902' (65' @ 43.3fph) MW 9.4

6/15/2008

SUPERVISOR: KENT MOORE

MD: 6,784

0:00 - 6:00	6.00	DRLPRO	02	B	P	DRLG F/5902' TO 6153' (251' @ 41.8fph) MW 9.4 (SEEPING MUD @ 6020 PUMP LCM SWEEPS NO RETURNS @ 6153 - LOST +/- 350 bbls
6:00 - 8:00	2.00	DRLPRO	04	D	P	BYPASS SHAKERS - WORK PIPE BUILD VOLUME 3% LCM - FULL RETURNS
8:00 - 10:30	2.50	DRLPRO	02	B	P	DRLG F/6153' TO 6280' (127' @ 50.8fph) MW 9.4 2% LCM
10:30 - 11:00	0.50	DRLPRO	09	A	P	WLS - 3.87
11:00 - 15:00	4.00	DRLPRO	02	B	P	DRLG F/6280' TO 6438' (158' @ 39.5fph) MW 9.4 - 2% LCM
15:00 - 15:30	0.50	DRLPRO	06	A	P	RIG SER
15:30 - 0:00	8.50	DRLPRO	02	B	P	DRLG F/6438' TO 6784' (346' @ 40.7fph) MW 9.4 - TRACE LCM

6/16/2008

SUPERVISOR: KENT MOORE

MD: 7,255

0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/6784' TO 7185' (401' @ 27.7fph) MW 9.6
14:30 - 21:30	7.00	DRLPRO	05	A	P	TFNB - (TIGHT AREA @ 4950 TO 5000 ON POOH & RIH) LOST 30 BBLs MUD ON TRIP - WASH 30' TO BTM - 2' FILL
21:30 - 0:00	2.50	DRLPRO	02	B	P	DRLG F/7185' TO 7255' (70' @ 28fph) MW 9.8

6/17/2008

SUPERVISOR: KENT MOORE

MD: 8,214

0:00 - 12:00	12.00	DRLPRO	02	B	P	DRLG F/7255' TO 7733' (478' @ 9.8fph) MW 9.8
12:00 - 12:30	0.50	DRLPRO	06	A	P	RIG SER

12:30 - 0:00 11.50 DRLPRO 02 B P DRLG F/7733' TO 8214' (481' @ 41.8fph) MW 10.0 - 1% LCM

6/18/2008 SUPERVISOR: KENT MOORE MD: 9,204
 0:00 - 15:30 15.50 DRLPRO 02 B P DRLG F/8214' TO 8903' (689' @ 44.5fph) MW 10.1 - 1% LCM
 15:30 - 16:00 0.50 DRLPRO 06 A P RIG SER
 16:00 - 0:00 8.00 DRLPRO 02 B P DRLG F/8903' TO 9204' (301' @ 37.6fph) MW 10.2 - 2% LCM

6/19/2008 SUPERVISOR: KENT MOORE MD: 9,542
 0:00 - 13:00 13.00 DRLPRO 02 B P DRLG F/9204' TO 9504' (300' @ 23fph) MW 10.4 - 2% LCM
 13:00 - 13:30 0.50 DRLPRO 06 A P RIG SER
 13:30 - 15:30 2.00 DRLPRO 02 B P DRLG F/9504' TO 9542' (38' @ 19fph) MW 10.4 - 2% LCM
 15:30 - 0:00 8.50 DRLPRO 05 A P TFNB/MM - (TIGHT ON POOH @ 6020 & 5000) (TIGHT ON RIH @ 5000, 5220, 7180)

6/20/2008 SUPERVISOR: KENT MOORE MD: 10,150
 0:00 - 0:30 0.50 DRLPRO 03 E P WASH 30' BTM - NO FILL
 0:30 - 11:00 10.50 DRLPRO 02 B P DRLG F/9542' TO 9884' (342' @ 32.6fph) MW 10.9 - 4% LCM
 11:00 - 11:30 0.50 DRLPRO 06 A P RIG SER
 11:30 - 20:00 8.50 DRLPRO 02 P DRLG F/9884' TO 10150' (266' @ 31.3fph) MW 11.1 - 8% LCM
 20:00 - 22:00 2.00 DRLPRO 04 A P CIRC & COND
 22:00 - 0:00 2.00 DRLPRO 05 E P W/TRIP TO 2720' (TIGHT @ 5000')

6/21/2008 SUPERVISOR: KENT MOORE MD: 10,150
 0:00 - 2:30 2.50 DRLPRO 05 E P W/TRIP - RIH - TIGHT @ 7490'
 2:30 - 4:00 1.50 DRLPRO 04 A P CIRC HOLE CLEAN
 4:00 - 9:00 5.00 DRLPRO 05 B P POOH F/LOGS

9:00 - 16:30	7.50	DRLPRO	08	A	P	HPJSM - R/UP BAKER ATLAS RUN TRIPLE COMBO TO LOGGERS TD @ 7620' - LOG OUT F/7620' - REMOVE BOW SPRINGS & CENTRILIZERS - RUN IN HOLE LOGGING TOOLS - UNABLE TO PASS 7620'
16:30 - 20:30	4.00	DRLPRO	05	F	P	P/UP BITSUB/BIT - RIH - WASH 13' TO BTTM - 2' FILL - NO HOLE PROBLEMS ON RIH
20:30 - 22:00	1.50	DRLPRO	04	A	P	CIRC HOLE CLEAN
22:00 - 0:00	2.00	DRLPRO	05	B	P	POOH F/LOGS

6/22/2008	<u>SUPERVISOR:</u> KENT MOORE						<u>MD:</u> 10,150
0:00 - 1:00	1.00	DRLPRO	05	B	P	POOH F/LOGS	
1:00 - 6:00	5.00	DRLPRO	08	A	P	HPJSM - R/UP BAKER ATLAS RUN TRIPLE COMBO TO LOGGERS TD @ 10148' - LOG WELL F/10148'	
6:00 - 10:30	4.50	DRLPRO	05	F	P	RIH - WASH 13' TO BTTM - NO FILL	
10:30 - 12:00	1.50	DRLPRO	04	A	P	CIRC	
12:00 - 19:00	7.00	DRLPRO	05	A	P	LDDP/BHA	
19:00 - 19:30	0.50	DRLPRO	05	A	P	RETRIEVE WEARBUSHING	
19:30 - 0:00	4.50	CSG	11	B	P	HPJSM - RUP & RUN 4 1/2" PROD CASING TO 6000'	

6/23/2008	<u>SUPERVISOR:</u> KENT MOORE						<u>MD:</u> 10,150
0:00 - 2:30	2.50	CSG	11	B	P	RUN 239 JTS 4 1/2 PROD CSG TO 10142'	
2:30 - 4:30	2.00	CSG	04	A	P	CIRC	
4:30 - 7:00	2.50	CSG	15	A	P	HPJSM - R/UP & CMT 4 1/2 POD CASING , TEST LINES 5990 PSI - PUMP 20 BBLs MUD CLEAN, 20 SKS SCAVENGER 9.5 PPG 8.45 YIELD, 388 SKS LEAD 11.0 PPG 3.38 YIELD, 1150 SKS TAIL 14.3 PPG 1.31 YIELD, DROPPED PLUG & DISPLACED W/157 BBLs FRESH WATER @ 2900 PSI BUMPED PLUG @ 3400 PSI - FLOATS HELD W/1 BBL RETURN - GOOD RETURNS DURING CMT JOB - LOST RETURNS ON START OF DISPLACEMENT	
7:00 - 7:30	0.50	CSG	11	B	P	HANG OFF 4 1/2 PROD CASING - TEST HANGER @ 5000 PSI BY FMC "OK"	
7:30 - 11:00	3.50	CSG	13	A	P	N/DN BOP & CLEAN RIG TANKS - RELEASE RIG @ 1100 HRS 6/23/08 - RESERVE PIT 1/2 - PIT LINER OK	

Wins No.: 94957		NBU 921-16J				API No.: 4304739360		
7:30 - 11:00		3.50	CSG	13	A	P	N/DN BOP & CLEAN RIG TANKS - RELEASE RIG @ 1100 HRS 6/23/08 - RESERVE PIT 1/2 - PIT LINER OK	
EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION			START DATE: 7/8/2008		AFE NO.: 2007715		
	OBJECTIVE: CONSTRUCTION			END DATE: 7/10/2008				
	OBJECTIVE 2: ORIGINAL			DATE WELL STARTED PROD.:				
	REASON: SUF FACILITIES			Event End Status: COMPLETE				
RIG OPERATIONS:								
		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
7/8/2008								<u>MD:</u>

Wins No.: 94957		NBU 921-16J			API No.: 4304739360		
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 8/4/2008		AFE NO.: 2007715	
		OBJECTIVE: DEVELOPMENT		END DATE: 8/7/2008			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:			
		REASON: MV		Event End Status: COMPLETE			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release
GWS 1 / 1		08/04/2008				08/08/2008	
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
8/4/2008	<u>SUPERVISOR:</u> DAVID DANIELS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HSM.
	7:30 - 16:30	9.00	COMP	31	I	P	MIRU RIG, SPOT EQUIP. OPEN WELL 0 PSI. ND WH. NU BOP. PU 3 7/8 MILL. PREP & TALLY 2 3/8 L-80 TBG. RIH T/ 8400', X-OVER POOH SB 2 3/8 TBG. SWI, SDFN.
8/5/2008	<u>SUPERVISOR:</u> DAVID DANIELS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HSM
	7:30 - 15:00	7.50	COMP	37		P	OPEN WELL 0 PSI. ND BOP, NU FRAC VALVES. MIRU B & C QUICK TEST. PSI TEST CSG & BOTH FRAC VALVES, T/ 7500#. GOOD. BLEED OFF PSI. RDMO B & C QUICK TEST. MIRU CUTTERS W.L. STG 1) PU 3 3/8 EXP, 23GM, 90 & 120 DEG PHASING. RIH PREF 9950'-53', 3 SPF, 9 HOLES. 9908'-11', 4 SPF, 12 HOLES. 9858'-60', 4 SPF, 8 HOLES. 9788'-90', 3 SPF, 6 HOLES. 9734'-36', 3 SPF, 6 HOLES. POOH, SB CUTTERS LUBE. PREP T/ FRAC IN THE :AM. SWI. SDFN.
8/6/2008	<u>SUPERVISOR:</u> DAVID DANIELS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	HSM.

Wins No.: 94957

NBU 921-16J

API No.: 4304739360

7:30 - 19:00 11.50 COMP 36 B P MIRU WEATHERFORD FRAC CREW.
OPEN WELL 1500#

STG 1) BRK 3882# @ 3.2 BPM. ISIP 3210#, FG .77. PUMP 122,223#
OF 30/50. TAIL IN W/ 5000# TLC. SCREEN OUT ON FLUSH 10
BBLs SHORT. FLOW BACK WELL FOR 20 MIN, REFLUSH.
TRUN WELL OVER T/ W.L.

STG 2) PU 4 1/2, 8K, BAKER CBP & 3 3/8, EXP GUN. 90 & 120
DEG PHASING. RIH SET CBP @ 9666'. PU PERF @
9632'-36', 4 SPF, 16 HOLES.
9521'-24', 3 SPF, 9 HOLES.
9466'-70', 3 SPF, 12 HOLES.
9433'-35', 3 SPF, 6 HOLES.
POOH. X-OVER T/ FRAC CREW.
OPEN WELL 0 PSI.
BRK 4327# @ 3 BPM. PUMP 85071# 30/50 SAND, & TAIL IN W/
5000# TLC.
ISIP 3001#, FG .76. X-OVER FOR W.L.

STG 3) PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90 &
120 DEG PHASING. RIH SET CBP @ 9359', PU PREF
9331'-34', 4 SPF, 12 HOLES.
9276'-78', 3 SPF, 6 HOLES.
9234'-38', 4 SPF, 16 HOLES.
9193'-96', 3 SPF, 9 HOLES.
POOH. X-OVER FOR FRAC CREW.
OPEN WELL 0 PSI.
BRK 4178# @ 4.1 BPM. PUMP 64,444# 30/50 SAND, & TAIL IN W/
20/40 TLC. ISIP 2932#, FG .76.
X-OVER FOR W.L.

STG 4) PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90
DEG PHASING.
RIH SET CBP @ 9138', PU PERF
9109'-12', 4 SPF, 12 HOLES.
9068'-70', 4 SPF, 8 HOLES.
9031'-33', 4 SPF, 8 HOLES.
8990'-92', 4 SPF, 8 HOLES.
8974'-76', 4 SPF, 8 HOLES.
POOH. X-OVER FOR FRAC CREW.
OPEN WELL 0 PSI.
BRK 5196' @ 3.6 BPM. PUMP 80,545# 30/50 & TAIL IN W/ 5000#
20/40 TLC. ISIP 3079#, FG .79.
X-OVER FOR W.L.

STG 5) PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, 90
DEG PHASING.
RIH SET CBP @ 8627', PU PREF
8594'-97', 4 SPF, 12 HOLES.
8571'-73', 4 SPF, 8 HOLES.
8553'-56', 4 SPF, 12 HOLES.
8485'-88', 4 SPF, 12 HOLES.
POOH. X-OVER FOR FRAC CREW.
OPEN WELL 200 PSI.
BRK 5605# @ 3.6 BPM. PUMP 95,760# 30/50 SAND & TAIL IN W/
5000# 20/40 TLC.
X-OVER FOR W.L.

PU 4 1/2, 8K CBP, RIH SET CBP @ 8438'.
POOH. RDMO CUTTERS & WEATHREFORD FRAC CREW. ND
FRAC VALVES, NU BOP. RU TBG EQUIP. SWI. SDFN.

8/7/2008

SUPERVISOR: DAVID DANIELS

MD:

7:00 - 7:30 0.50 COMP 48 P HSM

	7:30 - 18:30	11.00	COMP	44	C	P	<p>OPEN WELL 0 PSI. PU 3 7/8 BIT+ X-DART+SLIDE OPEN SUB+ 1.875 XN-NIPPLE. RIH W/ TBG TAG KILL PLUG @ 8438'=0' FILL. RU DRL EQUIP, BRK CONV CIRC.</p> <p>CBP 1) TAG FILL @ 8428'=10' FILL. DRL OUT CBP @ 8438' IN 10 MIN, 700# INCR. CONT RIH.</p> <p>CBP 2) TAG FILL @ 8577' = 50' FILL. DRL OUT CBP IN 10 MIN, 1300# INCR. CONT RIH.</p> <p>CBP 3) TAG FILL @ 9088'=50' FILL. DRL OUT CBP IN 7 MIN, 700# INCR. CONT RIH.</p> <p>CBP 4) TAG FILL @ 9314'=45' FILL. DRL OUT CBP IN 9 MIN, 800# INCR. CONT RIH.</p> <p>CBP 5) TAG FILL @ 9626'=40' FILL. DRL OUT CBP IN 8 MIN, 500# INCR. CONT RIH.</p> <p>TAG FILL @ 9940'. CO T/ PBD @ 10013'. CIRC WELL W/ 40 BBLS 2% KCL. RD DRL EQUIP. POOH LD EXCESS TBG. SEND BACK T/ AZTEC 30 JTS. PU 4 1/16 TBG HNGR. LAND TBG. RD TBG EQUIP. ND BOP, NU WH. DROP BALL, RIG PUMP T/ TBG. PUMP BIT OFF W/ 36 BBLS OF 2% KCL. WAIT FOR 30 MIN, OPEN WELL T/ PIT. TURN WELL OVER T/ FBC. SICP 2150#, FTP 150#. RACK OUT RIG EQUIP. RD RIG. ROAD RIG.</p>	
8/8/2008	<u>SUPERVISOR:</u> DAVID DANIELS 7:00 - 15:00	8.00	COMP	30		P	<p>STD BY.</p>	<u>MD:</u>
8/8/2008	<u>SUPERVISOR:</u> DAVID DANIELS 7:00 -		PROD	33	A	P	<p>7 AM FLBK REPORT: CP 1900#, TP 1775#, 20/64" CK, 40 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 664 BBLS LEFT TO RECOVER: 12670</p>	<u>MD:</u>
8/9/2008	<u>SUPERVISOR:</u> DAVID DANIELS 7:00 -			33	A		<p>7 AM FLBK REPORT: CP 3000#, TP 2325#, 20/64" CK, 39 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1612 BBLS LEFT TO RECOVER: 11722</p>	<u>MD:</u>
8/10/2008	<u>SUPERVISOR:</u> DAVID DANIELS 7:00 - 12:00 -			33	A		<p>7 AM FLBK REPORT: CP 3000#, TP 2000#, 20/64" CK, 36 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2500 BBLS LEFT TO RECOVER: 10834</p> <p>WELL TURNED TO SALES ON 8/10/2008 - FTP 2000#, CP 3000#, CK 20/64", 1800 MCFD, 840 BWPD</p>	<u>MD:</u>
8/11/2008	<u>SUPERVISOR:</u> DAVID DANIELS 7:00 -		PROD	33	A		<p>7 AM FLBK REPORT: CP 3200#, TP 2000#, 20/64" CK, 25 BWPH, TRACE SAND, 2.5M GAS TTL BBLS RECOVERED: 3233 BBLS LEFT TO RECOVER: 10101</p>	<u>MD:</u>

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 checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UT ST ML-3282
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: TRIBAL SURFACE
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078		8. WELL NAME and NUMBER: NBU 921-16J
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1994'FSL, 1660'FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:		9. API NUMBER: 4304739360
PHONE NUMBER: (435) 781-7024		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 9S, 21E		12. COUNTY UINTAH
		13. STATE UTAH

14. DATE SPUDDED: 5/29/2008	15. DATE T.D. REACHED: 6/20/2008	16. DATE COMPLETED: 8/10/2008	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 4846'GL
18. TOTAL DEPTH: MD 10,150 TVD	19. PLUG BACK T.D.: MD 10,013 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) CBL-CCL-GR Comp 2, CD, GR, Cal, BPL			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	36#		2,750		775			
7 7/8"	4 1/2 I-80	11.6#		10,150		1538			

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"	9.393							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) MESAVERDE	8,485	9,953			8,485 9,953	0.36	215	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) WSMVD								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
8485'-9953'	PMP 13,334 BBLs SLICK H2O & 470,043# 30/50 SD

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS: PROD
--	---------------------------------

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SEP 17 2008

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/10/2008		TEST DATE: 8/17/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 80		GAS - MCF: 2,097		WATER - BBL: 405		PROD. METHOD: FLOWING	
CHOKE SIZE: 19/64	TBG. PRESS. 564	CSG. PRESS. 2,306	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 80	GAS - MCF: 2,097	WATER - BBL: 405	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	1,707				
MAHOGANY	2,537				
WASATCH	5,121	8,048			
MESAVERDE	8,105	10,093			

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) SHEILA UPGHEGO TITLE REGULATORY ANALYST
 SIGNATURE  DATE 9/8/2008

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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

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: UTSTML-3282
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: TRIBAL SURFACE
		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 921-16J	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304739360
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: 1944'FSL, 1660'FEL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 9S, 21E		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 (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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH FORMATIONS ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 2.5.2009

Initials: KS

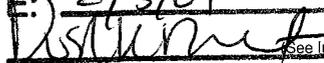
NAME (PLEASE PRINT) SHEIDA UPCHEBO
SIGNATURE 

TITLE REGULATORY ANALYST
DATE 1/23/2009

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 2/3/09

BY:  (See Instructions on Reverse Side)

* Cause 173-14

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JAN 26 2009

DIV. OF OIL, GAS & MINING

Name: NBU 921-16J
Location: NWSE Sec 16, T9S, R21E
Uintah County, UT
Date: 1/16/09

ELEVATIONS: 4846 GL 4865 KB

TOTAL DEPTH: 10150 **PBTD:** 10097
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2721'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 10142'
 Marker Joint **5094 - 4119'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1707' Green River
 2029 Birds Nest
 2402' Mahogany
 5110' Wasatch
 8099' Mesaverde

CBL indicates good cement below 2500'

GENERAL:

- A minimum of **25** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 6/22/08
- **6** fracturing stages required for coverage.
- Procedure calls for 7 CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE**. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~9394
- Originally completed on 8/6/08

Existing Perforations:

Zone	From	To	spf	# of shots
MESAVERDE	8485	8488	4	12
MESAVERDE	8553	8556	4	12
MESAVERDE	8571	8573	4	8
MESAVERDE	8594	8597	4	12
MESAVERDE	8974	8976	4	8
MESAVERDE	8990	8992	4	8
MESAVERDE	9031	9033	4	8
MESAVERDE	9068	9070	4	8
MESAVERDE	9109	9112	4	12
MESAVERDE	9193	9196	3	9
MESAVERDE	9234	9238	4	16
MESAVERDE	9276	9278	3	6
MESAVERDE	9331	9334	4	12
MESAVERDE	9433	9435	3	6
MESAVERDE	9466	9470	3	12
MESAVERDE	9521	9524	3	9
MESAVERDE	9632	9636	4	16
MESAVERDE	9734	9736	3	6
MESAVERDE	9788	9790	3	6
MESAVERDE	9858	9860	4	8
MESAVERDE	9908	9911	4	12
MESAVERDE	9950	9953	3	9

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~9394'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 8490' (50' below proposed CBP). Otherwise P/U a mill and C/O to 8490 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 8440'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
------	------	----	-----	------------

MESAVERDE 8240	8242	3	6
MESAVERDE 8284	8286	3	6
MESAVERDE 8338	8340	3	6
MESAVERDE 8360	8362	4	8
MESAVERDE 8406	8410	4	16

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8190' and trickle 250gal 15%HCL w/ scale inhibitor in flush . **Note: Tight Spacing.**

7. Set 8000 psi CBP at ~8180'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8116	8121	4	20
MESAVERDE	8145	8150	4	20

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8066' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~7144'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6930	6934	3	12
WASATCH	7080	7084	3	12
WASATCH	7108	7114	3	18

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6880' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6476'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6362	6370	3	24

RIH with downhole gauges on slickline, set gauges @ 6352' and perform a DFIT test.

R/U Halliburton tools to perform a DFIT test.

All DFIT tests to include;

- Pump 1000 gals @ ±5 bpm
- Dump bail** acid if need to b/d perfs
- After pumping the above volume, shut well in and monitor for 6 hours or as directed by Denver engineering.
- POOH w/ slickline and DH gauges.

12. Perf the **remaining stage** with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6440	6446	3	18

13. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6312' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

14. Set 8000 psi CBP at ~6194'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
------	------	----	-----	------------

WASATCH 6016 6020 3 12

RIH with downhole gauges on slickline, set gauges @ 6006' and perform a DFIT test.

R/U Halliburton tools to perform a DFIT test.

All DFIT tests to include;

- a. Pump 1000 gals @ ±5 bpm
- b. **Dump bail** acid if need to b/d perfs
- c. After pumping the above volume, shut well in and monitor for 6 hours or as directed by Denver engineering.
- d. POOH w/ slickline and DH gauges.

15. Perf the **remaining stage** with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6154	6164	3	30

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5966' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~5714'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5670	5676	4	24
WASATCH	5680	5684	4	16

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5620' and flush only with recycled water.

19. Set 8000 psi CBP at ~5620'.

20. TIH with 3 7/8" mill, pump off sub, SN and tubing.

21. Mill ALL plugs and clean out to PBTB at 10097'. Land tubing at ±9403' and pump off bit and bit sub. This well WILL be commingled at this time.

22. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

23. RDMO

**For design questions, please call
Conner Staley, Denver, CO
(720)-929-6419 (Office)**

**For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)**

NOTES:

Tight Spacing on Stage 1.

This well, the NBU 921-16D, 21L, 922-18G were all approved in committee on the premise that their average estimated costs are \$250,000.

Name NBU 921-16J
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8240	8242	3	6	8225.5	to	8242
	MESAVERDE		no perms			8244.5	to	8244.5
	MESAVERDE	8284	8286	3	6	8283.5	to	8287
	MESAVERDE		no perms			8288	to	8288.5
	MESAVERDE		no perms			8292	to	8297
	MESAVERDE	8338	8340	3	6	8336	to	8342.5
	MESAVERDE		no perms			8354	to	8359
	MESAVERDE	8360	8362	4	8	8360	to	8366.5
	MESAVERDE		no perms			8381.5	to	8383
	MESAVERDE	8406	8410	4	16	8404.5	to	8410
	# of Perfs/stage				42	CBP DEPTH	8,180	
2	MESAVERDE	8116	8121	4	20	8113.5	to	8125
	MESAVERDE	8145	8150	4	20	8137	to	8150.5
		# of Perfs/stage			40	CBP DEPTH	7,144	
3	WASATCH	6930	6934	3	12	6930	to	6935.5
	WASATCH		no perms			7073	to	7073
	WASATCH	7080	7084	3	12	7074.5	to	7087.5
	WASATCH	7108	7114	3	18	7105.5	to	7115
	WASATCH		no perms			7135	to	7137.5
		# of Perfs/stage			42	CBP DEPTH	6,476	
4	WASATCH		no perms			6359	to	6359.5
	WASATCH	6362	6370	3	24	6361	to	6373.5
	WASATCH	6440	6446	3	18	6437	to	6446
		# of Perfs/stage			42	CBP DEPTH	6,194	
5	WASATCH	6016	6020	3	12	6015	to	6020.5
	WASATCH		no perms			6072.5	to	6073.5
	WASATCH		no perms			6146.5	to	6148.5
	WASATCH	6154	6164	3	30	6151	to	6169
	WASATCH		no perms			6170.5	to	6174.5
	WASATCH		no perms			6182.5	to	6185
		# of Perfs/stage			42	CBP DEPTH	5,714	
6	WASATCH	5670	5676	4	24	5670	to	5676.5
	WASATCH	5680	5684	4	16	5679.5	to	5689.5
		# of Perfs/stage			40	CBP DEPTH	5,620	

Stage	Zone	Feet of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
			Top, ft	Bot., ft															
1	MESAVERDE	17	8240	8242	3	6	Varied	Pump-in test			Slickwater	0	0						
	MESAVERDE	0		no perfs			0	ISIP and 5 min ISIP											53
	MESAVERDE	4	8284	8286	3	6	50	Slickwater Pad			Slickwater	361	361	15.0%	0.0%	0	0		45
	MESAVERDE	1		no perfs			50	Slickwater Ramp	0.25	1.25	Slickwater	1,202	1,563	50.0%	39.7%	37,875	37,875		76
	MESAVERDE	5		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	842	2,405	35.0%	60.3%	57,444	95,319		0
	MESAVERDE	7	8338	8340	3	6	50	Flush (4-1/2")				127	2,532				95,319		53
	MESAVERDE	5		no perfs				ISDP and 5 min ISDP											228
	MESAVERDE	7	8360	8362	4	8													
	MESAVERDE	2		no perfs															
	MESAVERDE	6	8406	8410	4	16													
		51		# of Perfs/stage		42							Flush depth	8190		gal/ft 2,000	1,888	lbs sand/ft 10	LOOK
							52.8	<< Above pump time (min)											
2	MESAVERDE	12	8116	8121	4	20	Varied	Pump-in test			Slickwater	0	0						
	MESAVERDE	14	8145	8150	4	20	0	ISIP and 5 min ISIP											
	MESAVERDE	0		no perfs			50	Slickwater Pad			Slickwater	223	223	15.0%	0.0%	0	0		28
	MESAVERDE	0		no perfs			50	Slickwater Ramp	0.25	1.25	Slickwater	744	967	50.0%	39.7%	23,438	23,438		47
	MESAVERDE	0		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	521	1,488	35.0%	60.3%	35,547	58,984		0
	MESAVERDE	0		no perfs			50	Flush (4-1/2")				125	1,613				58,984		46
	MESAVERDE	0		no perfs				ISDP and 5 min ISDP											121
		25		# of Perfs/stage		40							Flush depth	8066		gal/ft 2,500	2,359	lbs sand/ft 922	
							33.8	<< Above pump time (min)											
3	WASATCH	6	6930	6934	3	12	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	0		no perfs			0	ISIP and 5 min ISIP											
	WASATCH	13	7080	7084	3	12	50	Slickwater Pad			Slickwater	245	245	15.0%	0.0%	0	0		31
	WASATCH	10	7108	7114	3	18	50	Slickwater Ramp	0.25	1.25	Slickwater	817	1,062	50.0%	39.7%	25,734	25,734		51
	WASATCH	3		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	572	1,634	35.0%	60.3%	39,030	64,765		0
	WASATCH	0		no perfs			50	Flush (4-1/2")				107	1,741				64,765		42
	WASATCH	0		no perfs				ISDP and 5 min ISDP											124
		31		# of Perfs/stage		42							Flush depth	6880		gal/ft 2,250	2,123	lbs sand/ft 404	
							36.3	<< Above pump time (min)											
4	WASATCH	1		no perfs			Varied	Pump-in test			Slickwater	0	0						
	WASATCH	13	6362	6370	3	24	0	ISIP and 5 min ISIP											
	WASATCH	11	6440	6446	3	18	50	Slickwater Pad			Slickwater	214	214	15.0%	0.0%	0	0		27
	WASATCH	0		no perfs			50	Slickwater Ramp	0.25	1.25	Slickwater	714	929	50.0%	39.7%	22,500	22,500		45
	WASATCH	0		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	500	1,429	35.0%	60.3%	34,125	56,625		0
	WASATCH	0		no perfs			50	Flush (4-1/2")				98	1,527				56,625		40
	WASATCH	0		no perfs				ISDP and 5 min ISDP											112
		24		# of Perfs/stage		42							Flush depth	6312		gal/ft 2,500	2,359	lbs sand/ft 118	
							31.8	<< Above pump time (min)											
5	WASATCH	6	6016	6020	3	12	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	1		no perfs			0	ISIP and 5 min ISIP											
	WASATCH	2		no perfs			50	Slickwater Pad			Slickwater	384	384	15.0%	0.0%	0	0		48
	WASATCH	18	6154	6164	3	30	50	Slickwater Ramp	0.25	1.25	Slickwater	1,280	1,664	50.0%	39.7%	40,313	40,313		81
	WASATCH	4		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	896	2,560	35.0%	60.3%	61,141	101,453		0
	WASATCH	3		no perfs			50	Flush (4-1/2")				93	2,652				101,453		37
	WASATCH	10		no perfs				ISDP and 5 min ISDP											166
		43		# of Perfs/stage		42							Flush depth	5966		gal/ft 2,500	2,359	lbs sand/ft 252	
							55.3	<< Above pump time (min)											
6	WASATCH	7	5670	5676	4	24	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	10	5680	5684	4	16	0	ISIP and 5 min ISIP											
	WASATCH	0		no perfs			50	Slickwater Pad			Slickwater	147	147	15.0%	0.0%	0	0		19
	WASATCH	0		no perfs			50	Slickwater Ramp	0.25	1.25	Slickwater	491	638	50.0%	39.7%	15,469	15,469		31
	WASATCH	0		no perfs			50	Slickwater Ramp	1.25	2	Slickwater	344	982	35.0%	60.3%	23,461	38,930		0
	WASATCH	0		no perfs			50	Flush (4-1/2")				87	1,069				38,930		0
	WASATCH	0		no perfs				ISDP and 5 min ISDP											50
		17		# of Perfs/stage		40							Flush depth	5620		gal/ft 2,500	2,359	lbs sand/ft 0	LOOK
							22.3												
	Totals	190				248						gals	11,132	bbls		Total Sand	416,076		
							3.9						24.7	tanks			Total Scale Inhib. =	801	

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTSTML-3282
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: TRIBAL SURFACE
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1944'FSL, 1660'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 9S, 21E		8. WELL NAME and NUMBER: NBU 921-16J
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304739360
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

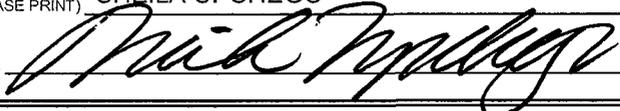
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCH FORMATION, AND COMMINGLED THE NEWLY WASATCH FORMATIONS ALONG WITH THE EXISTING MESAVERDE FORMATIONS. THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 03/14/2009 AT 11:30 AM.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 4/15/2009

(This space for State use only)

RECEIVED
APR 20 2009

DIV. OF OIL, GAS & MINING

ROCKIES

Operation Summary Report

Well: NBU 921-16J		Spud Conductor: 5/29/2008		Spud Date: 6/2/2008	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: RECOMPLETION		Start Date: 2/23/2009		End Date:	
Active Datum: RKB @4,865.00ft (above Mean Sea Level)		UWI: NBU 921-16J			

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
3/3/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, POOH
	7:15 - 15:00	7.75	COMP	30	E	P		R/D ROAD RIG FROM NBU 1021-12H TO NBU 922-16J, MIRU, SPOT EQUIP, 400# FTP, 1100# SICP, BLOW WELL DN TO F/B TANK, PUMP 15 BBLS DN TBG, N/D WELLO HEAD, N/U BOPS, R/U TBG EQUIP, PULL HANGER, POOH W/ 216 JNTS 2-3/8 L-80 TBG, WELL CAME AROUND. SWIFN.
3/4/2009	7:00 - 7:15	0.25	COMP	48	B	P		HSM, BLOWING WELL DN
	7:15 - 15:00	7.75	COMP	47	B	P		800# SICP, 800# SITP, BLOW WELL DN, CONTROL WELL W/ 40 BBLS KCL, FINISH POOH W/ 2-3/8 TBG, R/D TBG EQUIP, N/D BOPS, N/U FRAC VALVES. MIRU CUTTERS WIRE LINE, P/U RIH W/ 3-7/8 GAUGE RING TO 8490' POOH, P/U BKR 10K CBP RIH SET @ 8440', POOH, FILL HOLE, MIRU B&C TESTERS, P/T CSG & FRAC VALVES TO 7500# [NO PROBLEMS] P/U 3-3/8 EXPEND, 23GRM, 0.36" HOLE, PERF STG #1 IN MESAVERDE, 8406'-8410' 4 SPF, 90* PH, 16 HOLES, 8360'-8362' 4 SPF, 90* PH, 8 HOLES, 8338'-8340' 3 SPF, 120* PH, 6 HOLES, 8284'-8286' 3 SPF, 120* PH, 6 HOLES, 8240'-8242' 3 SPF, 120* PH, 6 HOLES, [42 HOLES] SWI, READY TO FRAC.
3/9/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, REVIEW WORKING W/ WIRE LINE.

ROCKIES

Operation Summary Report

Well: NBU 921-16J

Spud Conductor: 5/29/2008

Spud Date: 6/2/2008

Project: UTAH

Site: UINTAH

Rig Name No: MILES-GRAY 1/1

Event: RECOMPLETION

Start Date: 2/23/2009

End Date:

Active Datum: RKB @4,865.00ft (above Mean Sea Level)

UWI: NBU 921-16J

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 16:30	9.25	COMP	36	E	P		<p>MIRU WEATHERFORD FRAC EQUIP & CUTTERS WIRE LINE, FRAC STG #1 IN MESAVERDE 8240'-8410' 42 HOLES.</p> <p>STG#1] WHP=700#, INJT PSI=4600#, INJT RT=51.3, ISIP=2246#, FG=.72, PUMP'D 2762.3 BBLS SLK WTR W/ 95301# SAND W/ 4962# RESIN COAT IN TAIL, ISIP=2545#, FG=.75, AR=51.9, AP=4575#, MR=53, MP=6189#, NPI=299#, 31/42 CALC PERFS OPEN.</p> <p>STG #2] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 8180', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPH, 90* PH, 8145'-8150' 20 HOLES, 8116'-8121' 20 HOLES [40 HOLES]</p> <p>WHP=375#, INJT PSI=4300#, INJ RT=50.1, ISIP=2228#, FG=.72, PUMP'D 1746.2 BBLS SLK WTR W/ 59016# SAND W/ 5321# RESIN COAT IN TAIL, ISIP=2906#, FG=.80, AR=50, AP=4168#, MR=50.6, MP=4705#, NPI=678#, 34/40 CALC PERFS OPEN.</p> <p>STG #3] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 7130', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120* PH, 7108'-7114' 18 HOLES, 7080'-7084' 12 HOLES, 6930'-6934' 12 HOLES [42 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 1519#, INNJT PSI=2900#, INJT RT=50.5, ISIP=1057#, FG=.60, AR=50.4, AP=2866#, MR=51.5, MP=3581#, NPI=653#, 38/42 CALC PERFS OPEN.</p> <p>DEFIT ON STG #4] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 6476' PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120* PH, 6362'-6370' [24 HOLES, POOH, MIRU DELSCO SLICK LINE RIH W/ HALIBURTON GAUGES, SET GAUGES @ 6352', WELL ON A VACCUME, PUMP 24 BBLS WELL STILL ON VACCUME, PUMP'D ADDITIONAL 100 BBLS DID NOT SEE ANY PRESSURE, SHUT DN WELL STILL ON VACCUME, LEFT GAUGES IN WELL OVER NIGHT, TO PULL GAUGES IN A.M. SWIFN. POOH W/ HALIBURTON DN HOLE GAUGES, SEND TO DENVER WAIT ON ORDERS</p>
3/10/2009	6:30 - 10:30	4.00	COMP	33	G	P		<p>SCRATCH FRACING STG #4 W/ WHAT DN HOLE GAUGES LOOKRD LIKE. CONTINUE ON TO STG#5] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 6180', PERF WASATCH 6016'-6020' USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120* PH, [12 HOLES] POOH, P/U RIH W/ HALIBURTON DN HOLE GAUGES ON DELSCO SLICK LINE, SET @ 6006', WEATHERFORD PPUMP'D 81 BBLS TO FILL CSG, BRK DN PERFS @ 2377#, ISIP=1561#, FG=.70, PUMP'D 24 BBLS, ISIP=880#, 5 MIN 705#, 10 MIN 603#, 15 MIN 526#, SWIFN.</p>
	10:30 - 12:00	1.50	COMP	33	G	P		
3/11/2009	7:00 - 9:23	2.38	COMP	46	A	P		<p>OPEN WELL 0# SICP, DELSCO POOH W/ HALIBURTON DN HOLE GAUGES, SEND DATA TO DENVER WAIT ON ORDERS.</p>

ROCKIES

Operation Summary Report

Well: NBU 921-16J Spud Conductor: 5/29/2008 Spud Date: 6/2/2008

Project: UTAH Site: UINTAH Rig Name No: MILES-GRAY 1/1

Event: RECOMPLETION Start Date: 2/23/2009 End Date:

Active Datum: RKB @4,865.00ft (above Mean Sea Level) UWI: NBU 921-16J

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	9:23 - 17:00	7.62	COMP	36	E	P		<p>UPPERHALF ON STG #5] P/U RIH W/ 3-3/8 EXPEND,23GRM, 0.36" HOLE, 3 SPF, 120* PH, 6154'-6164' [30 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 1457#, INJT PSI=2140 #, INJT RT=52.1, ISIP=656#, FG=55, PUMP'D 3064 BBLS SLK WTR W/ 121520# 30/50 MESH W/ 8162# RESIN COAT IN TAIL, ISIP=1018#, FG=.61, AR=51.8, AP=2459#, MR=52.8, MP=5484#, NPI=3362#, 42/42 CALC PERFS OPEN.</p> <p>STG #6] P/U RIH W/ BKR 8K CBP & PERF GUN, SET CBP @ 5714', PERF WASATCH USING 3-3/8 EXPEND, 0.36" HOLE, 23 GRM, 4 SPF, 90* PH, 5680'-5684' 16 HOLES, 5670'-5676' 24 HOLES, [40 HOLES]</p> <p>WHP=0#, BRK DN PERFS @ 2218#, INJT PSI=2700#, INJT RT=51.5, ISIP=762#, FG=.58, PUMP'D 1417 BBLS SLK WTR W/ 60516# 30/50 MEH W/ 6578# RESIN COAT IN TAIL, ISIP=1459#, FG=.70, AR=51.2, AP=2628#, MR=51.7, MP=3217#, NPI=697#, 36/40 CALC PERFS OPEN.</p> <p>P/U RIH W/ BKR 8K CBP. SET CBP @ 5620', POOH R/D WIRE LINE & WEATHERFORD FRAC EQUIP, N/D FRAC VALVES, N/U BOPS, P/U 3-7/8 BIT W/ POBS, RIH W/ 2-3/8 TBG TAG KILL PLUG, P/U PWR SWVL READY TO DRL IN A.M</p>
3/12/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, DRLG OUT CBPS
	7:15 - 15:00	7.75	COMP	44	D	P		<p>OPEN WELL, EST CIRC W/ RIG PUMP, PLUG #1] DRL THROUGH BKR 8K CBP @ 5620' IN 10 MIN, 0# INCREASE. LOST CIRC, R/U FOAM UNIT,</p> <p>PLUG #2] CONTINUE TO RIH TAG SAND @ 5684' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 5714 IN 10 MIN, 0# INCREASE USING FOAM UNIT TO DRL WITH.</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @ 6150' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 6180' IN 10 MIN, 0# ICREASE.</p> <p>PLUG #4] CONTINUE TO RIH TAG SAND @ 6435' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 6465' IN 10 MIN. 0# INCREASE.</p> <p>PLUG #5] CONTINUE TO RIH TAG SAND @ 7130' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 7100' IN 10 MIN. 0# INCREASE,</p> <p>PLUG #6] CONTINUE TO RIH TAG SAND @ 8142' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8172 IN 10 MIN. 0# INCREASE.</p> <p>PLUG #7] CONTINUE TO RIH TAG SAND @ 8410' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 8440' IN 10 MIN, 100# INCREASE. CONTINUE TO RIH TAG FILL @ 9860' POOH STNDG BACK W/ 68 STNDS, EOT @ 5630' SWIFN LET BUILD PREESURE</p>
3/13/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, MAKING CONNECTIONS

ROCKIES

Operation Summary Report

Well: NBU 921-16J		Spud Conductor: 5/29/2008		Spud Date: 6/2/2008	
Project: UTAH		Site: UINTAH		Rig Name No: MILES-GRAY 1/1	
Event: RECOMPLETION		Start Date: 2/23/2009		End Date:	
Active Datum: RKB @4,865.00ft (above Mean Sea Level)			UWI: NBU 921-16J		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 17:00	9.75	COMP	44	C	P		PEN WELL 1200# SICP, 0# SITP, BLOW WELL DN TO F/B TANK, RIH W/ TBG TAG @ 9860', P/U PWR SWVL, EST CIRC W/ AIR FOAM, C/O TO PBTD @ 10080' CIRC WELL, R/D PWR SWVL, L/D 28 JNTS ON FLOAT, P/U HANGER LUBRICATE IN WELL, LAND W/ 296 JNTS 2-3/8 J-55 TBG EOT @ 9387.45, R/D TBG EQUIP, N/D BOPE, N/U WELL HEAD, DROP BALL, PUMP OFF BIT W/ 30 BBLS @ 2800#, TBG DEAD, HOOK UP FOAM UNIT BLOW DN TBG W/ CSG FLOWING, CLEARED TBG, OPEN TBG BACK TO TANK SHUT CSG IN WELL FLOWING, W/ 1200# SICP, 150# FTP. TURN OVER TO FLOW BACK CREW.
3/14/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1500#, TP 775#, 30/64" CK, 25 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 1669 BBLS LEFT TO RECOVER: 9719
3/15/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1375#, TP 775#, 30/64" CK, 15 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 2104 BBLS LEFT TO RECOVER: 9284
3/16/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1300#, TP 700#, 30/64" CK, 5 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 2289 BBLS LEFT TO RECOVER: 9099
3/17/2009	7:00 -							WELL IP'D ON 3/17/09 - 2438 MCF, 0 BC, 120 BW, TP: 481#, CP: 1131#, 30/64 CHK, 24 HRS, LP: 107#.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UT ST ML-3282

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
TRIBAL SURFACE

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

8. WELL NAME and NUMBER:
NBU 921-16J

9. API NUMBER:
4304739360

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWSE 16 9S, 21E

12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPUNDED: 5/29/2008 15. DATE T.D. REACHED: 6/20/2008 16. DATE COMPLETED: 3/14/2009
ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 4846'GL

18. TOTAL DEPTH: MD 10,150 TVD 19. PLUG BACK T.D.: MD 10,080 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)
N/A

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#		2,750		775			
7 7/8"	4 1/2 I-80	11.6#		10,150		1538			

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"	9,387							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,670	7,114			5,670 7,114	0.36	148	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	8,116	8,410			8,116 8,410	0.36	82	Open <input checked="" 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
5670'-7114'	PMP 6318 BBLs SLICK H2O & 246,763# 30/50 OTTOWA SD
8116'-8410'	PMP 4508 BBLs SLICK H2O & 151,317# 30/50 OTTOWA SD

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:

PROD

RECEIVED

APR 20 2009

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/14/2009		TEST DATE: 3/17/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 2,438	WATER - BBL: 120	PROD. METHOD: FLOWING
CHOKE SIZE: 30/64	TBG. PRESS. 481	CSG. PRESS. 1,131	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,438	WATER - BBL: 120	INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 3/14/2009		TEST DATE: 3/17/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 2,438	WATER - BBL: 120	PROD. METHOD: FLOWING
CHOKE SIZE: 30/64	TBG. PRESS. 481	CSG. PRESS. 1,131	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,438	WATER - BBL: 120	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	1,707				
BIRDS NEST	2,029				
MAHOGANY	2,537				
WASATCH	5,121	8,048			
MESAVERDE	8,105	10,093			

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE 

DATE 4/15/2009

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