

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

FORM 3

001

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: U-01197-A-ST	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.				9. WELL NAME and NUMBER: NBU #1022-11F	
3. ADDRESS OF OPERATOR: P.O. B OX 1148 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: 1889'FNL & 1475'FWL 4424923Y 39.96546 635725X -109.41084 AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 45.3 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1475'		16. NUMBER OF ACRES IN LEASE: 1674.49		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C		19. PROPOSED DEPTH: 8,650		20. BOND DESCRIPTION: RLB0005	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5080'GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION:	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8"	32.3#	H-40	2,000	265 SX
7 7/8"	4 1/2"	11.6#	M-80	8,650	1780 SX

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE *Sheila Upchego* DATE 10/17/2003

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35314

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

RECEIVED
OCT 28 2003

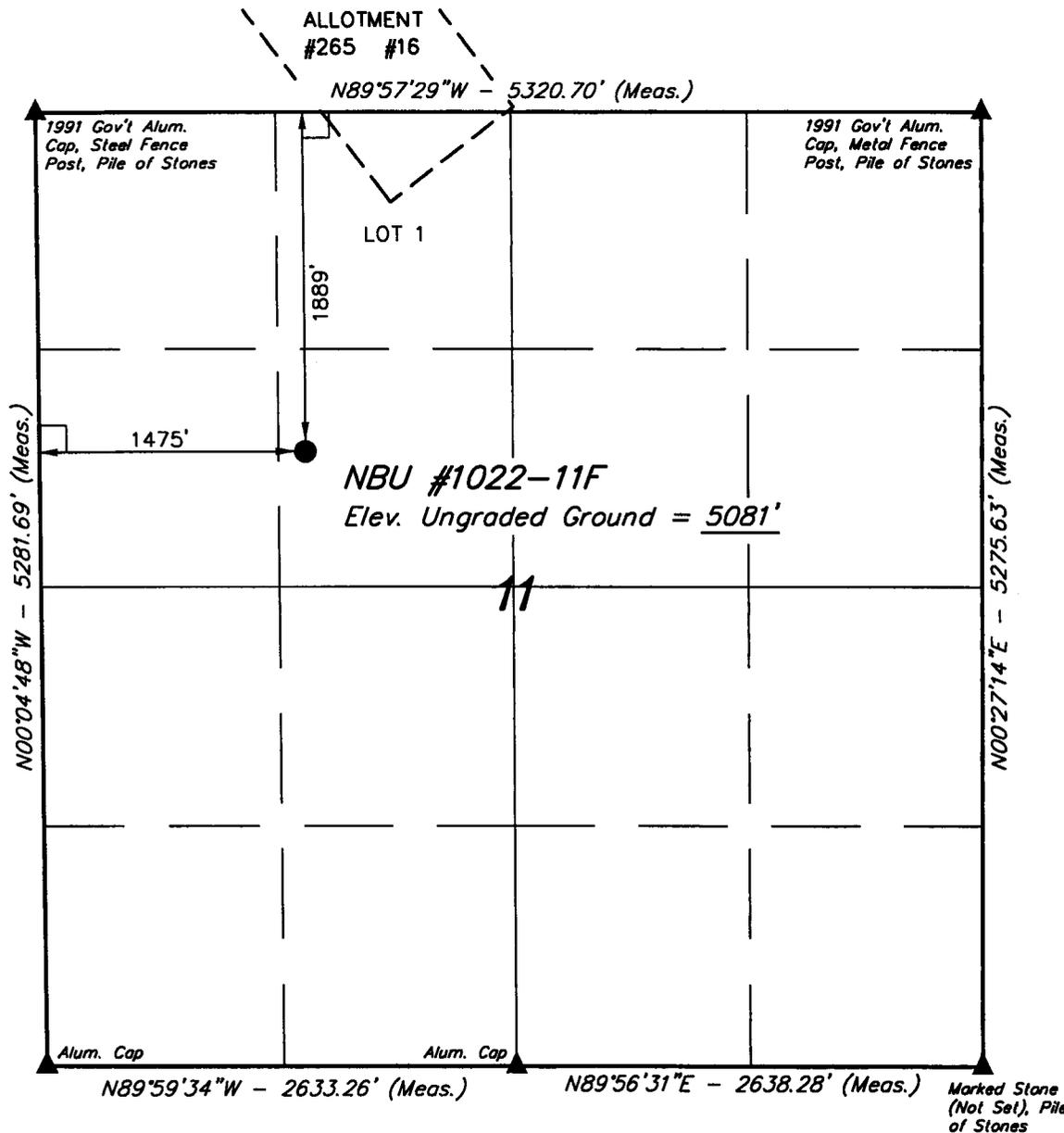
Date: 11-25-03
By: *[Signature]*

DIV. OF OIL, GAS & MINING

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

WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1022-11F, located as shown in the SE 1/4 NW 1/4 of Section 11, T10S, R22E, S.L.B.&M. Uintah County, Utah.

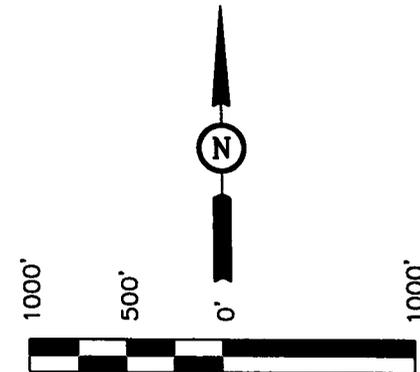


BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

Robert H. Gray

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

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

(NAD 83)
LATITUDE = 39°57'55.90" (39.965528)
LONGITUDE = 109°24'40.96" (109.411378)

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

SCALE 1" = 1000'	DATE SURVEYED: 8-18-03	DATE DRAWN: 8-27-03
PARTY J.F. A.F. C.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

**NBU #1022-11F
SE/NW Sec. 11, T10S, R22E
UINTAH COUNTY, UTAH
U-01197-A-ST**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1115'
Wasatch	4115'
Mesaverde	6405'
TD	8650'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1115'
Gas	Wasatch	4115'
Gas	Mesaverde	6405'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please see the attached Drilling Program

5. Drilling Fluids Program:

Please see the attached Drilling Program.

6. Evaluation Program:

Please see the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8650' TD, approximately equals 3460 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1557 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 the attached Drilling Program.

10. **Other Information:**

Please see the attached Drilling Program.

NBU #1022-11F
SE/NW Sec. 11, T10S-R22E
Uintah County, UT
U-01197-A-ST

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

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

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

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

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

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

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

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

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

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

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

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

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

Refer to Topo D for the proposed pipeline.

5. **Location and Type of Water Supply:**

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

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

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

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

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

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

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

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

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

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

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

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

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

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

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

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

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

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

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

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

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

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

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

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

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

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

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

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

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

Producing Location:

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

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

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

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

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

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

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

Dry Hole/Abandoned Location:

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

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

11. **Surface Ownership:**

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

12. **Other Information:**

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

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

A Class III archaeological survey has been completed and a copy of this report is attached.

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

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

Sheila Upchego
Regulatory Analyst
Westport O&G Co. L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Westport O&G Co. L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7018

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

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

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Westport O&G Co. L.P. State Surety Bond: RLB0005.

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

10/17/03

Date



Westport Oil and Gas Company, L.P.
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.87*****	1.58	4.49
PRODUCTION	4-1/2"	0 to 8650	11.60	M-80	LTC	7780	6350	201000
						3.00	1.41	2.30

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 = 10.0 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 2595 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,610'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	370	60%	11.00	3.38
	TAIL	5,040'	50/50 Poz/G + 10% salt + 2% gel	1410	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess 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" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 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 Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

WESTPORT OIL AND GAS COMPANY, L.P.
NBU #1022-11F
SECTION 11, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN A EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 2.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE EXSTING NBU #153 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 59.6 MILES.

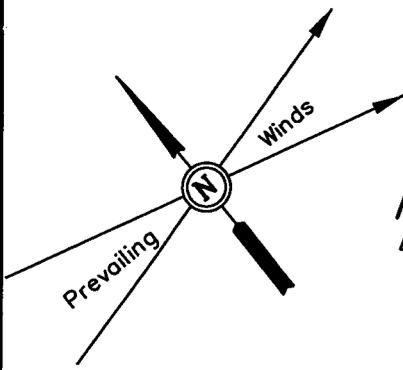
WESTPORT OIL AND GAS COMPANY, L.P.

LOCATION LAYOUT FOR

NBU #1022-11F

SECTION 11, T10S, R22E, S.L.B.&M.

1889' FNL 1475' FWL



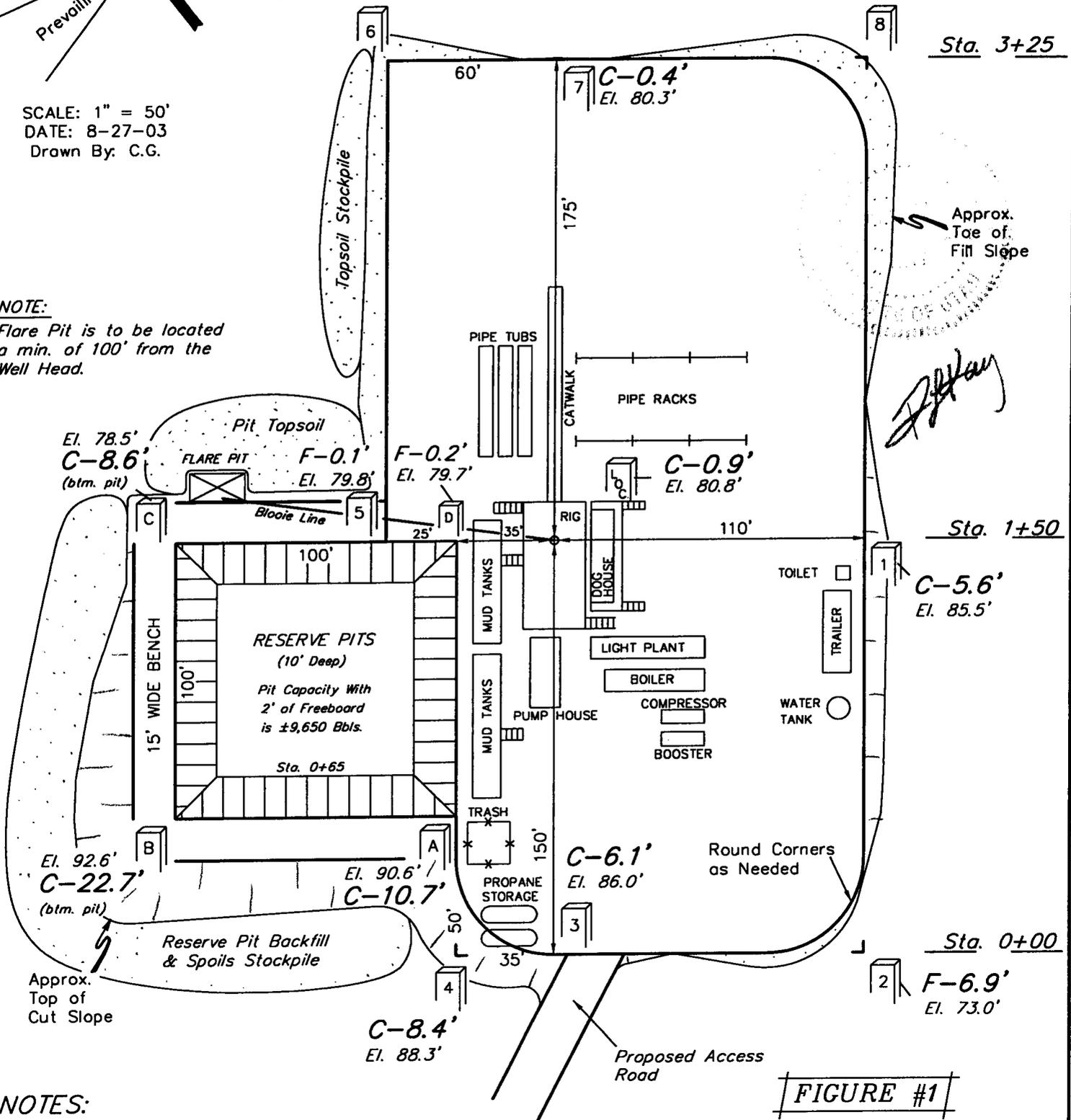
F-3.4'
El. 76.5'

F-3.7'
El. 76.2'

SCALE: 1" = 50'
DATE: 8-27-03
Drawn By: C.G.

Sta. 3+25

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5080.8'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5079.9'

FIGURE #1

WESTPORT OIL AND GAS COMPANY, L.P.

TYPICAL CROSS SECTIONS FOR

NBU #1022-11F

SECTION 11, T10S, R22E, S.L.B.&M.

1889' FNL 1475' FWL

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

DATE: 8-27-03
Drawn By: C.G.

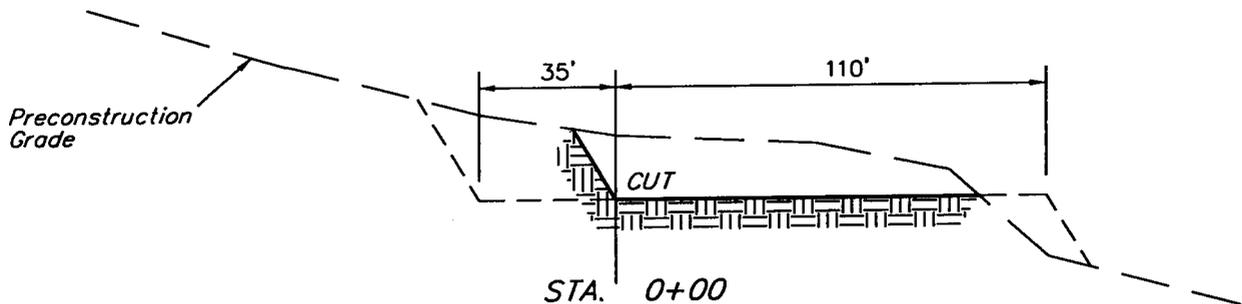
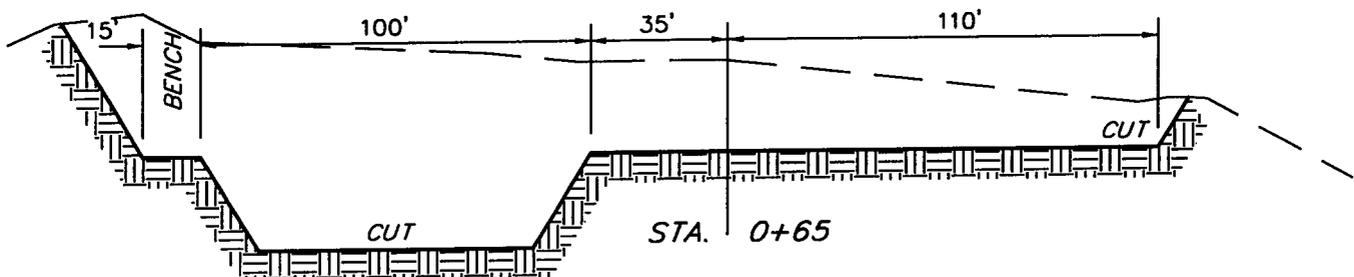
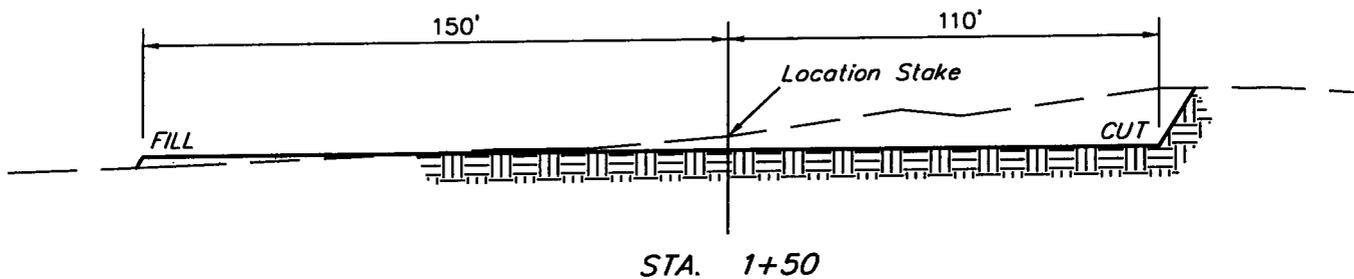
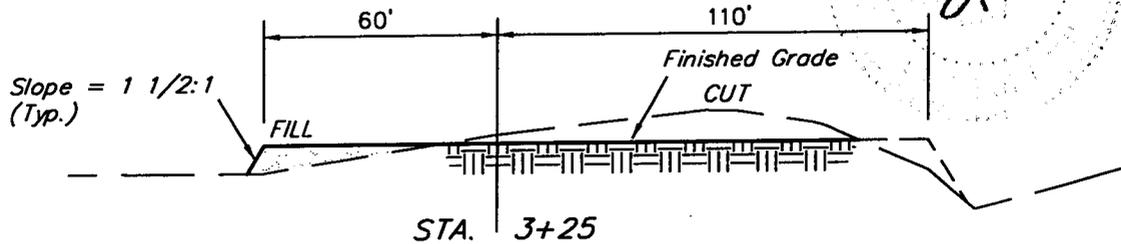
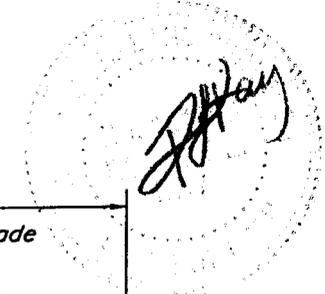


FIGURE #2

APPROXIMATE YARDAGES

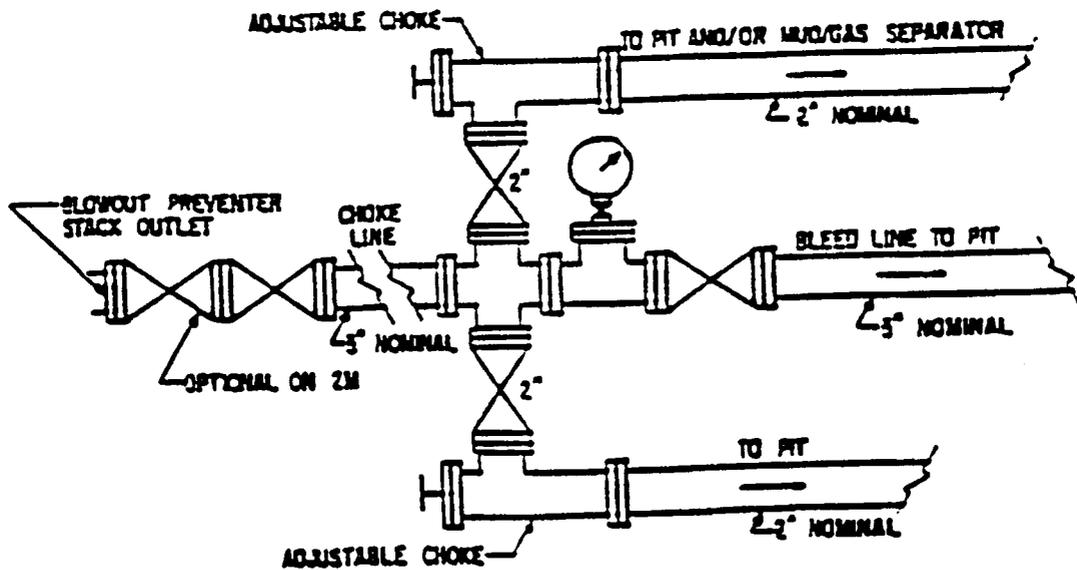
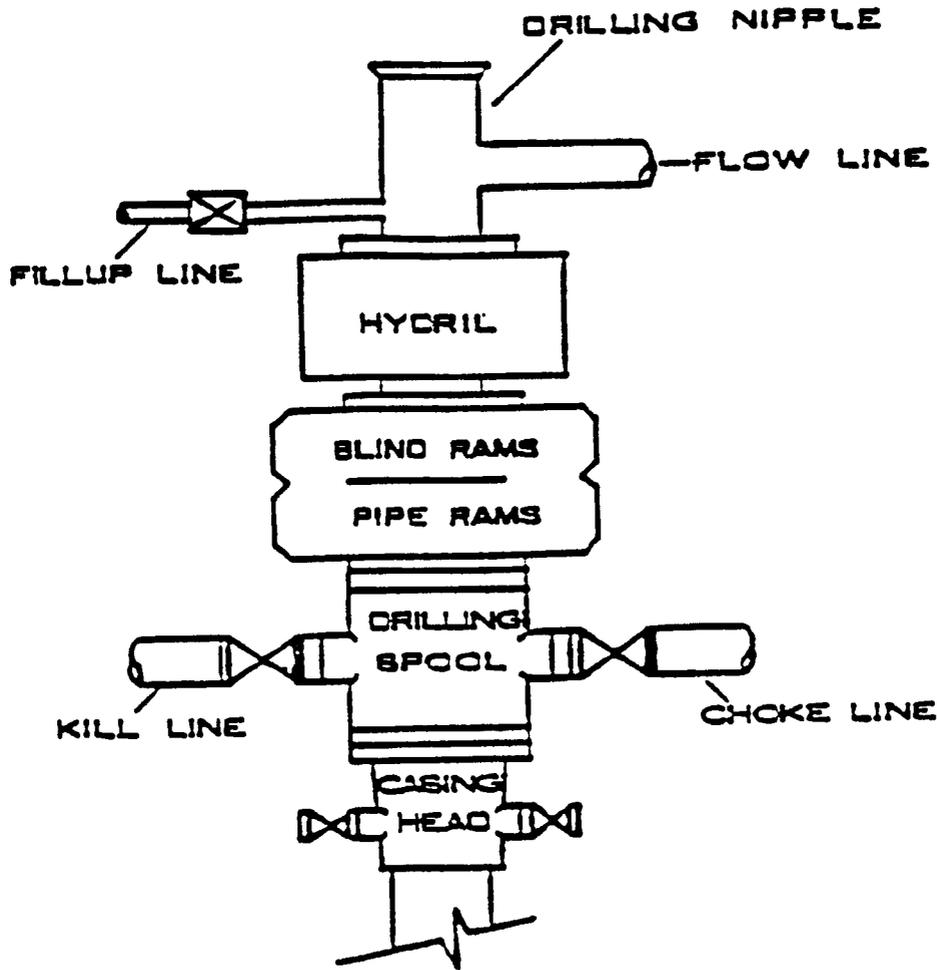
CUT	
(6") Topsoil Stripping	= 1,220 Cu. Yds.
Remaining Location	= 13,020 Cu. Yds.
TOTAL CUT	= 14,240 CU.YDS.
FILL	= 1,150 CU.YDS.

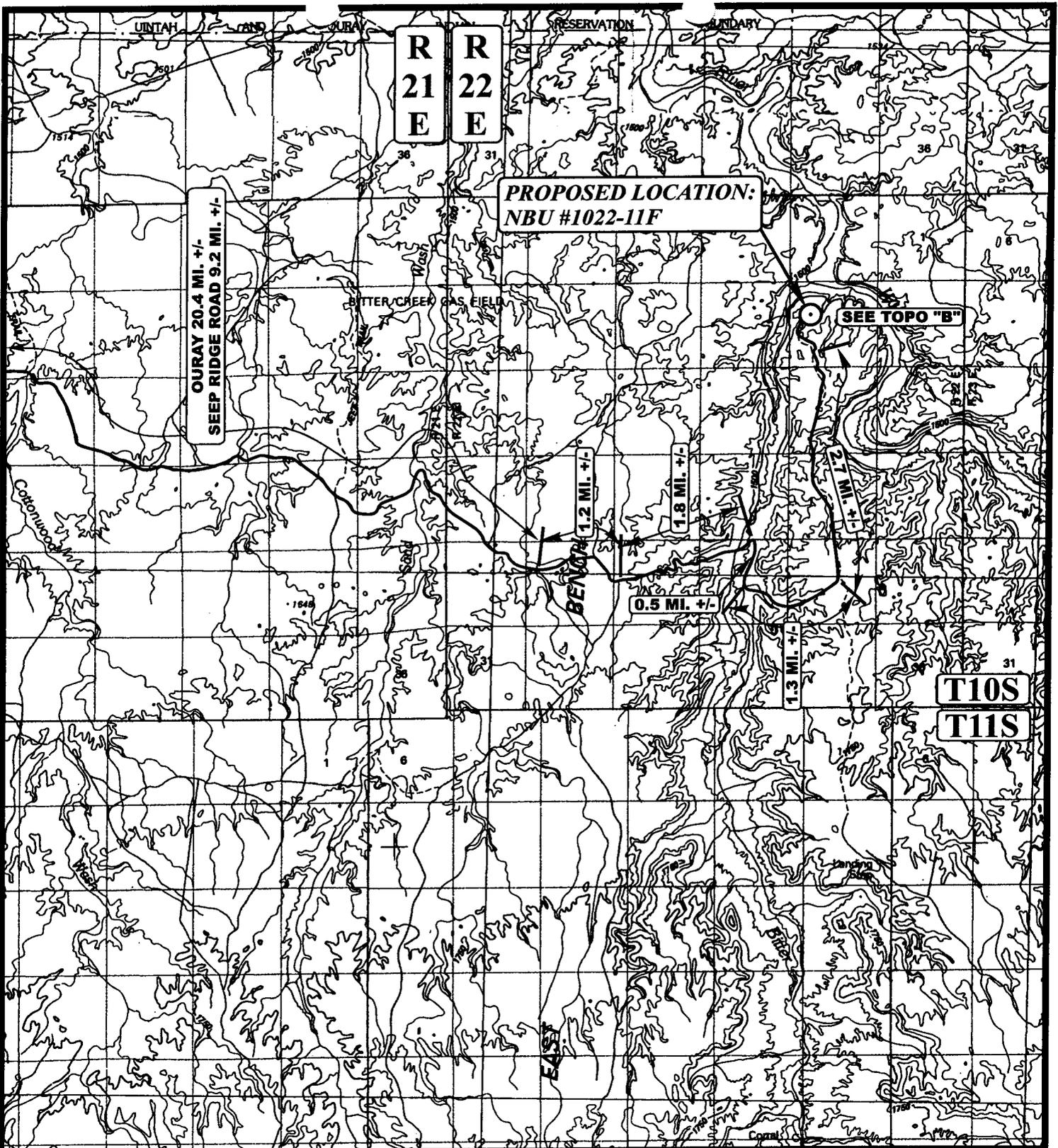
EXCESS MATERIAL AFTER 5% COMPACTION	= 13,030 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10,470 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

3,000 PSI

BOP STACK





LEGEND:

○ PROPOSED LOCATION

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-11F

SECTION 11, T10S, R22E, S.L.B.&M.

1880' FNL 1475' FWL



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



TOPOGRAPHIC
MAP

8	21	03
MONTH	DAY	YEAR

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



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-11F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 11, T10S, R22E, S.L.B.&M.

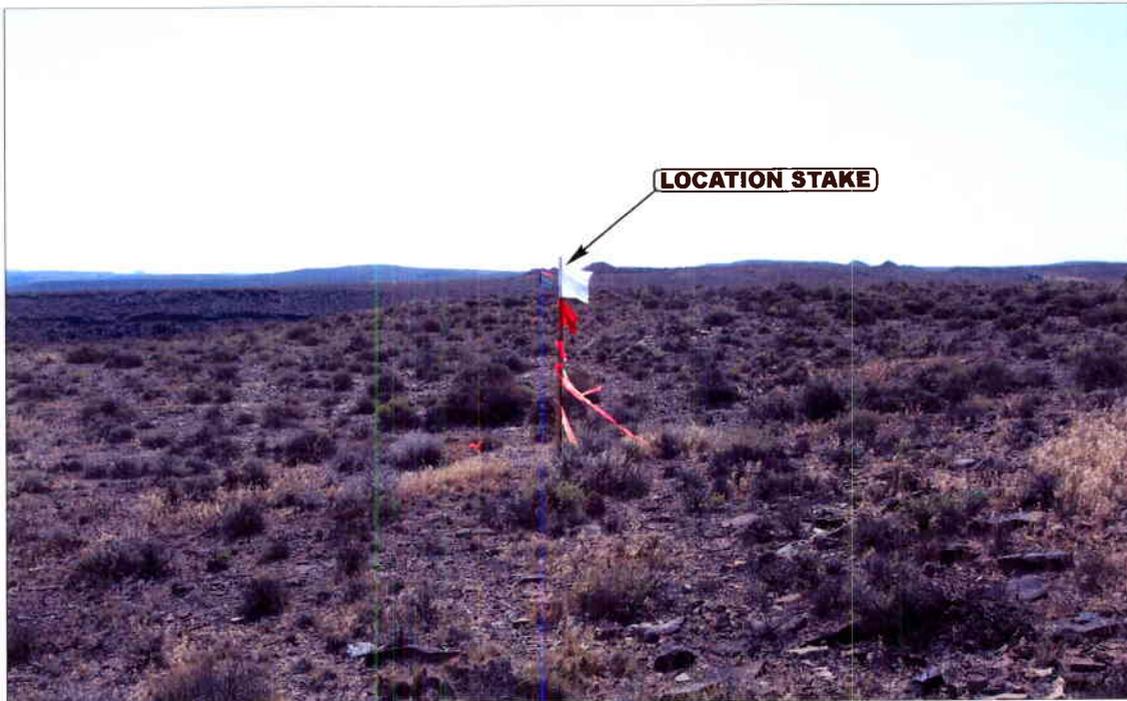


PHOTO: VIEW OF WELL LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

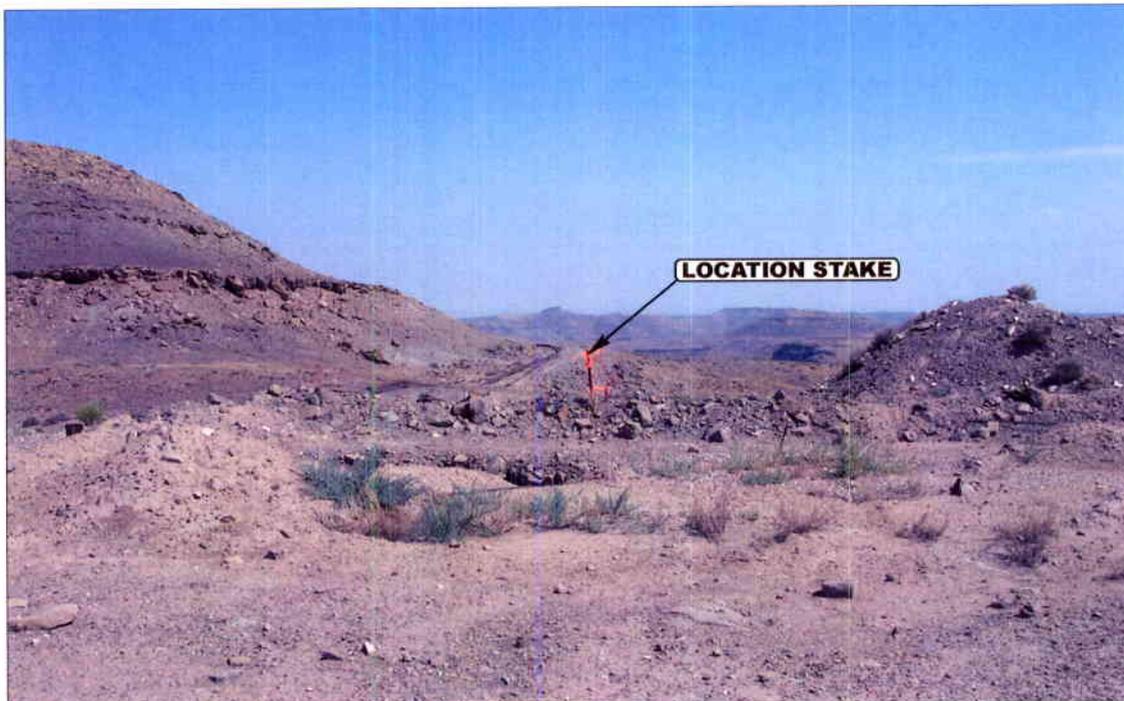


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY

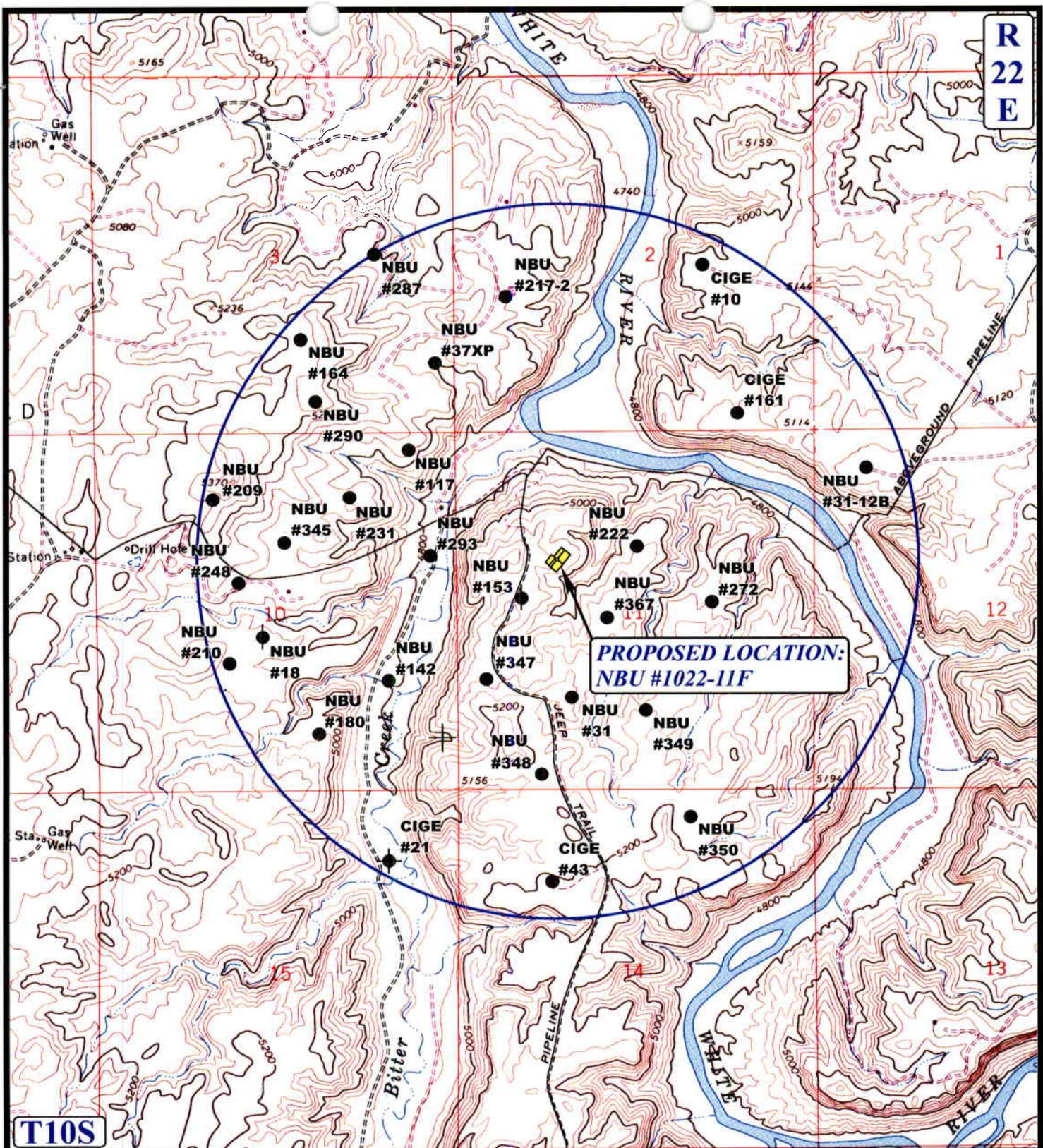


- Since 1964 -

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

LOCATION PHOTOS			8	21	03	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: J.F.	DRAWN BY: K.G.	REVISED: 00-00-00				

R
22
E



T10S

LEGEND:

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

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-11F
 SECTION 11, T10S, R22E, S.L.B.&M.
 1888' FNL 1475' FWL



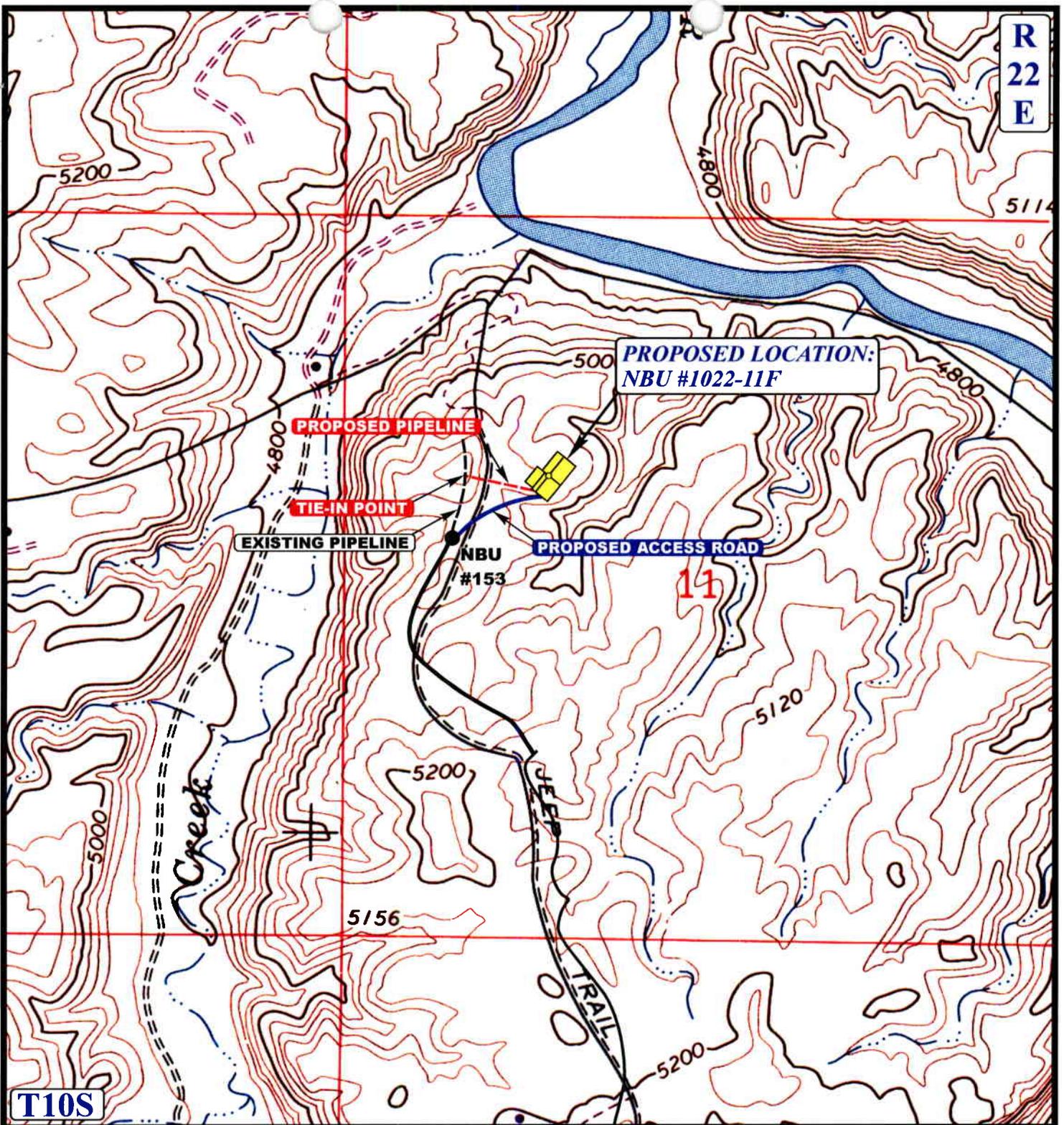
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP **8 21 03**
 MONTH DAY YEAR

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

TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

LEGEND:

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-11F
SECTION 11, T10S, R22E, S.L.B.&M.
1888' FNL 1475' FWL



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

TOPOGRAPHIC **8** **21** **03**
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00 **D**
 TOPO

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

003

APD RECEIVED: 10/28/2003

API NO. ASSIGNED: 43-047-35314

WELL NAME: NBU 1022-11F

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SENW 11 100S 220E
 SURFACE: 1889 FNL 1475 FWL
 BOTTOM: 1889 FNL 1475 FWL
 UINTAH
 NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRO	11/28/03
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: U-01197-A-ST

SURFACE OWNER: 3 - State

LATITUDE: 39.96546

PROPOSED FORMATION: MVRD

LONGITUDE: 109.41084

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]
(No. RLB0005)
- 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)

LOCATION AND SITING:

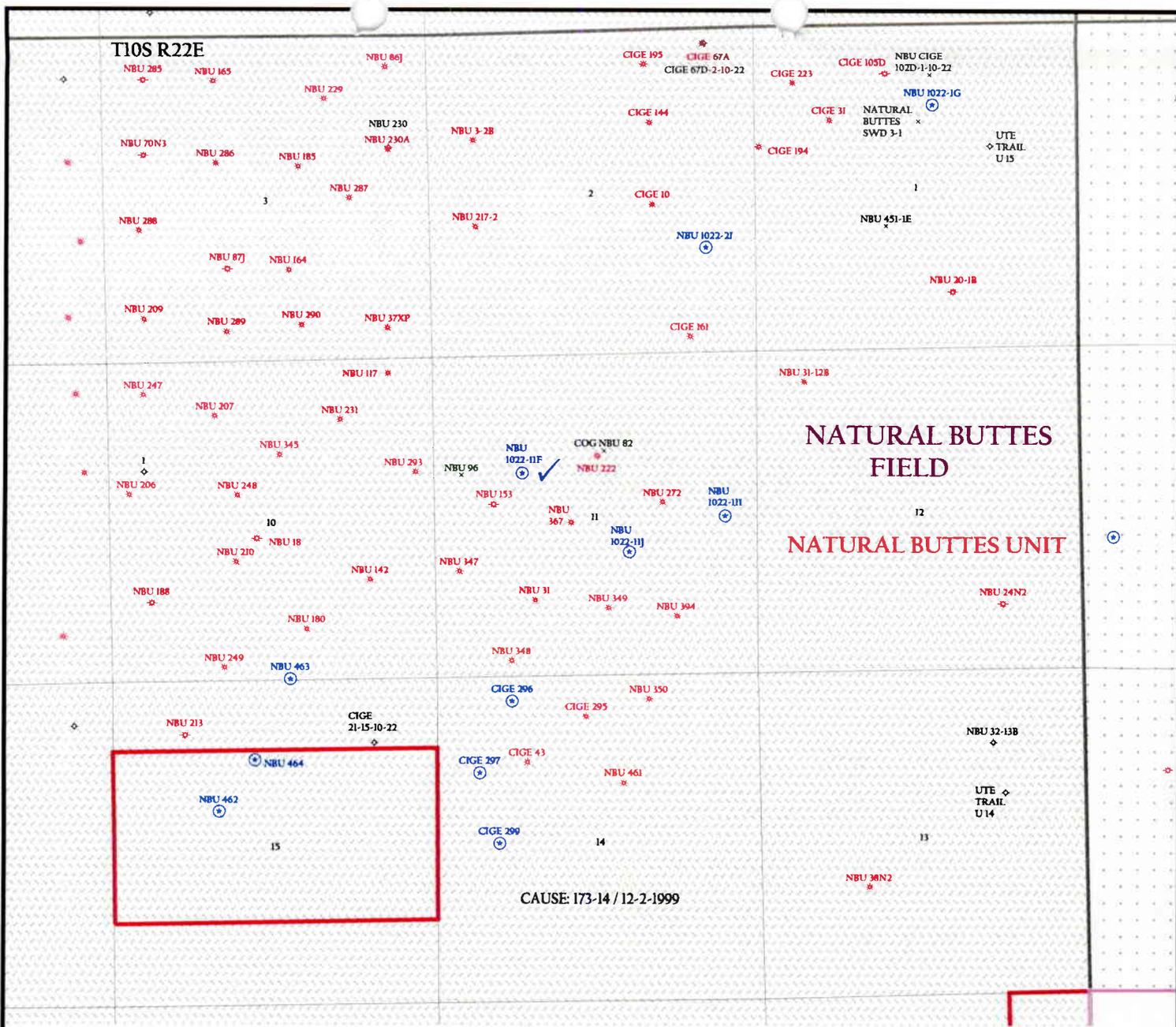
- R649-2-3.
- Unit NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' fr u boundary & uncomm tract
- R649-3-11. Directional Drill

COMMENTS:

Needs pres to 11-13-03)

STIPULATIONS:

1 - OIL SHALE
2 - STATEMENT OF BASIS



OPERATOR: WESTPORT O&G CO (N2115)
 SEC. 11 T.10S, R.22E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 173-14 / 12-2-1999

Wells	Unit Status
• GAS INJECTION	□ EXPLORATORY
• GAS STORAGE	□ GAS STORAGE
• LOCATION ABANDONED	□ NF PP OIL
• NEW LOCATION	□ NF SECONDARY
• PLUGGED & ABANDONED	□ PENDING
• PRODUCING GAS	■ PI OIL
• PRODUCING OIL	■ PP GAS
• SHUT-IN GAS	■ PP GEOTHERML
• SHUT-IN OIL	■ PP OIL
• TEMP. ABANDONED	■ SECONDARY
• TEST WELL	□ TERMINATED
• WATER INJECTION	
• WATER SUPPLY	
• WATER DISPOSAL	

Utah Oil Gas and Mining

Field Status
□ ABANDONED
■ ACTIVE
■ COMBINED
■ INACTIVE
■ PROPOSED
■ STORAGE
■ TERMINATED

PREPARED BY: DIANA WHITNEY
 DATE: 30-OCTOBER-2003

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)

October 31, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2003 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 2003 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Mesaverde)		
43-047-35313	NBU 1020-24F Sec 24	T10S R20E 2089 FNL 2015 FWL
43-047-35314	NBU 1022-11F Sec 11	T10S R22E 1889 FNL 1475 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

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

MCoulthard:mc:10-31-3

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: WESTORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: STATE 1022-11F
API NUMBER: 43-047-35314
LEASE: U-01197-A-ST **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4, 1/4 SE/NW Sec: 11 TWP: 10S RNG: 22E 1475' FWL 1889' FNL
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 635737E 4424934N **SURFACE OWNER:** STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CLAY EINERSON, CARROLL WILSON, DEBRA DOMENICI (WESTPORT), DAVID WESTON (UELS).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON THE POINT OF A HIGH, SHARP SIDED RIDGE WHICH RUNS SOUTH TO NORTH. THE WHITE RIVER IS ON THE EAST SIDE OF THIS RIDGE AND BITTER CREEK IS ON THE WEST SIDE. THESE RIVERS COME TOGETHER 0.3 MILES NORTH OF SITE. THERE ARE EXTREMELY STEEP SLOPES AND CLIFFS WITHIN 100' OF THIS SITE TO THE WEST, SOUTH AND EAST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 215'. ACCESS ROAD WILL BE 0.1 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL RUN 300' TO THE WEST AND TIE INTO AN EXISTING LINE.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT OR A CLOSED LOOP SYSTEM. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE OR HAULED TO AN APPROVED DISPOSAL FACILITY. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY A COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGE, GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE,

CHEATGRASS: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION.
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 140' BY 70' AND 10' DEEP, IF A RESERVE PIT IS ALLOWED.

LINER REQUIREMENTS (Site Ranking Form attached): A 20 MIL LINER AND FELT
SUB-LINER WILL BE REQUIRED IF A RESERVE PIT IS USED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY
ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON
FILE.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A COOL, RAINY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

11/13/03, 11:50 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 35 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.









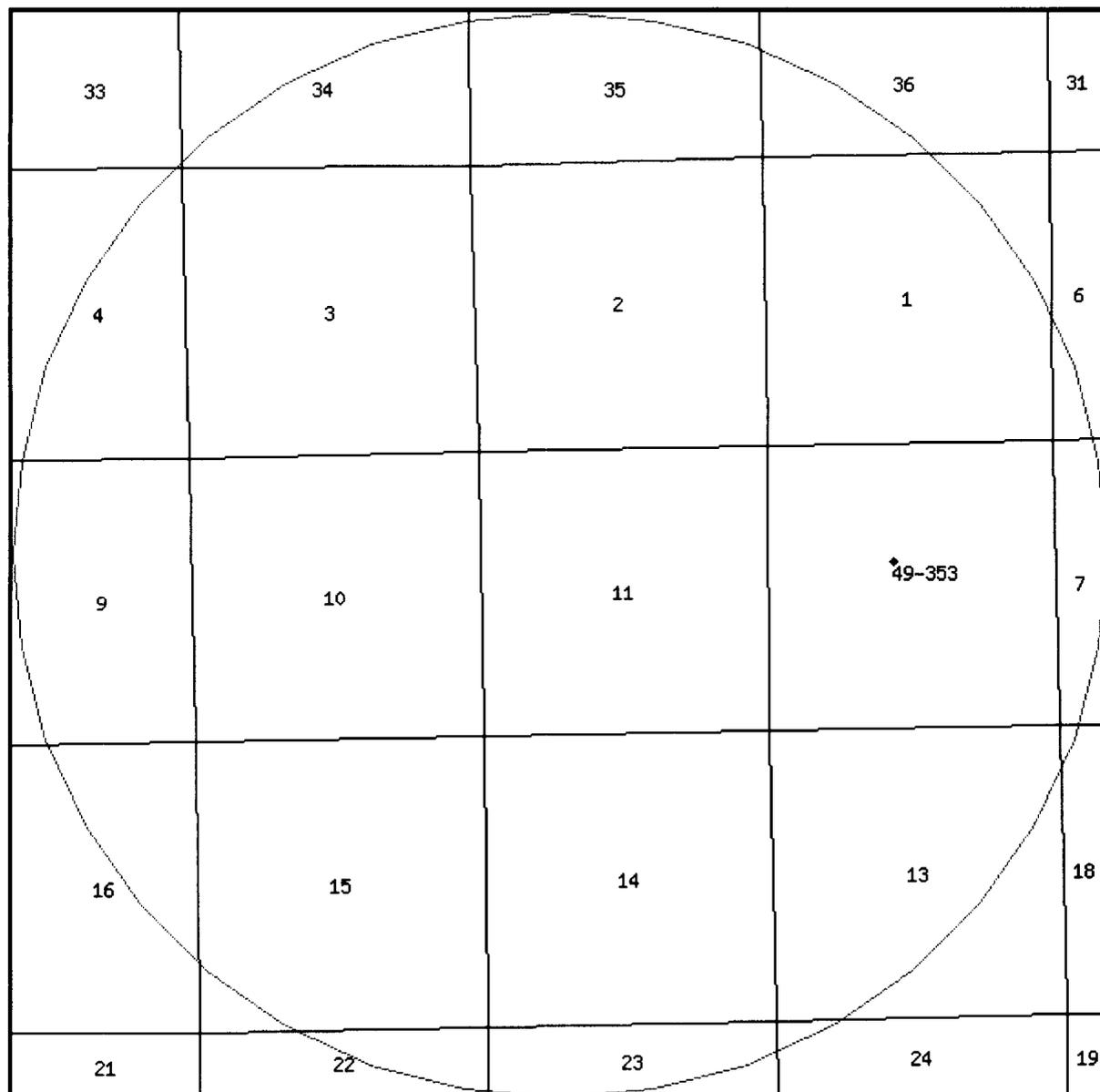
Search Uta

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2003.11.10.00 Rundate: 11/19/2003 02:41 PM

Radius search of 10000 feet from a point S1889 E1475 from the NW corner, section 11, Township 10S, Range 22E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2600 3900 5200 ft

Water Rights

WR Number	Diversion Type/Location	Well Log Status	Priority	Uses	CFS	ACFT	(
<u>49-353</u>	Underground S2128 E2313 NW 12 10S 22E SL	U	19780710	OX	0.400	0.000	Tosco ' 10100

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

From: Ed Bonner
To: Whitney, Diana
Date: 11/7/03 10:15AM
Subject: Well Clearances

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas
State 1022-32O
NBU 1022-11F
NBU 1020-24F
NBU 1020-13E

If you have any questions regarding this matter please give me a call.

CC: Brad Hill; Garrison, LaVonne; Hunt, Gil

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1022-11F
API NUMBER: 43-047-35314
LOCATION: 1/4,1/4 SE/NW Sec:11 TWP: 10S RNG: 22E 1475' FWL 1889' FNL

Geology/Ground Water:

Westport proposes to set 2000' 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 4,0 i00'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of section 11 . The well is listed as industrial use wells for use in the oil shale industry and is approximately a mile from the proposed site. 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. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 11/19/03

Surface:

The predrill investigation of the surface was performed on 11/13/03. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 11/4/03. Mr. Bartlett was present. He had no concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area. There are steep slopes and sheer cliffs adjacent to this proposed location in three different directions. The White River and Bitter Creek are both within 0.3 miles of this site. For these reasons, I recommend a closed loop system be used for the mud system instead of a reserve pit.

Reviewer: David W. Hackford **Date:** 11/14/2003

Conditions of Approval/Application for Permit to Drill:

1. A closed loop system shall be used for the mud system instead of a reserve pit.

Well name:	11-03 Westport 1022-11F	
Operator:	Westport Oil and Gas	Project ID:
String type:	Surface	43-047-35314
Location:	Uintah County	

Design parameters:	Minimum design factors:	Environment:
<u>Collapse</u>	<u>Collapse:</u>	H2S considered? No
Mud weight: 8.300 ppg	Design factor 1.125	Surface temperature: 75 °F
Design is based on evacuated pipe.		Bottom hole temperature: 103 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 250 ft
	<u>Burst:</u>	Cement top: 1,458 ft
	Design factor 1.00	
<u>Burst</u>		
Max anticipated surface pressure: 1,760 psi	<u>Tension:</u>	Non-directional string.
Internal gradient: 0.120 psi/ft	8 Round STC: 1.80 (J)	
Calculated BHP 2,000 psi	8 Round LTC: 1.80 (J)	
No backup mud specified.	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	Re subsequent strings:
	Tension is based on buoyed weight.	Next setting depth: 8,650 ft
	Neutral point: 1,756 ft	Next mud weight: 10.000 ppg
		Next setting BHP: 4,494 psi
		Fracture mud wt: 19.250 ppg
		Fracture depth: 2,000 ft
		Injection pressure 2,000 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	2000 ✓	9.625 ✓	32.30 ✓	H-40 ✓	ST&C ✓	2000	2000	8.876	126.8

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	862	1370	1.589 ✓	2000	2270	1.14 ✓	57	254	4.48 J ✓

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: November 20, 2003
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2000 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.

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

Well name:

11-03 Westport 1022-11F

Operator: **Westport Oil and Gas**

String type: **Production**

Project ID:

43-047-35314

Location: **Uintah County**

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 196 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 3,456 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,494 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: 7,357 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 (ft³)
1	8650	4.5	11.60	M-80	LT&C	8650	8650	3.875	200.5
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	4494	6350	1.413	4494	7780	1.73	85	267	3.13 B

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: November 20, 2003
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8650 ft, a mud weight of 10 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.

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

11-03 Westport 1022-11

Casing Schematic

Uinter

Surface

TOC @ 0.

propose Top out cement

1115 Green River \neq Surface Step

TOC @ 1458.

w/ 15% Washcoat

Surface 2000. MD

3167 TOC Tail

4000 Mod Saline

4115 Wasatch

w/ 15% Washcoat

6405 Mesaverde

9-5/8" MW 8.3 Frac 19.3

4-1/2" MW 10.

Production 8650. MD

BHP

$$(0.052)(10)(8650) = 4498$$

Anticipate 3460

G_w

$$(0.12)(8650) = 1038$$

MNSP = 3460

mod

$$(0.22)(8650) = 1903$$

MNSP = 2595

BOPE = 3000 proposed

Adequate DVED 11/24/03



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

November 25, 2003

Westport Oil & Gas Company L. P.
P O Box 1148
Vernal, UT 84078

Re: Natural Buttes Unit 1022-11F Well, 1889' FNL, 1475' FWL, SE NW, Sec. 11,
T. 10 South, R. 22 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 43-047-35314.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Westport Oil & Gas Company L. P.
Well Name & Number Natural Buttes Unit 1022-11F
API Number: 43-047-35314
Lease: U-01197-A-ST

Location: SE NW Sec. 11 T. 10 South R. 22 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 actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

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

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. 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.

Page 2

Conditions of Approval API #43-047-35314

November 25, 2003

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: WESTPORT OIL & GAS COMPANY LPWell Name: NBU 1022-11FApi No: 43-047-35314 Lease Type: STATESection 11 Township 10S Range 22E County UINTAHDrilling Contractor PETE MARTIN RIG # BUCKET**SPUDDED:**Date 08/16/04Time 10:00 AMHow DRY**Drilling will commence:** _____Reported by RON SJOSTROMTelephone # 1-435-828-0982Date 08/23/2004 Signed CHD

007

OPERATOR WESTPORT O&G COMPANY L.P.
 ADDRESS 1368 SOUTH 1200 EAST
 VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

P. 01
 FAX NO. 4357817094
 AUG-17-2004 TUE 09:12 AM EL PASO PRODUCTION

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-35314	NBU 1022-11F	SENW	11	10S	22E	UINTAH	8/16/2004	8/30/04
WELL 1 COMMENTS: <i>MURD</i> MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 8/16/04 AT 10 AM											
B	99999	2900	43-047-35821	NBU 436X	SWNB	30	9S	21E	UINTAH	8/13/2004	8/31/04
WELL 2 COMMENTS: <i>WSMVD</i> MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 8/13/04 AT 1 PM. <i>Status still "NEW" permit not issued yet ER 8/18/04</i>											
B	99999	2900	43-047-35146	NBU 1022-11J	NWSE	11	10S	22E	UINTAH	8/15/2004	8/18/04
WELL 3 COMMENTS: <i>MURD</i> MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 8/15/04 AT 1200 HRS.											
B	99999	2900	43-047-35151	NBU 1022-11I	NESE	11	10S	22E	UINTAH	8/17/2004	8/30/04
WELL 4 COMMENTS: <i>MURD</i> MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 8/17/04 AT 3 AM.											
WELL 5 COMMENTS:											

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ACTION CODES (See instructions on back of form)
 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
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)
 NOTE: Use COMMENT section to explain why each Action Code was (3/89)

Post-it® Fax Note 7671

To ERLENE RUSSELL	From SHARLA URBANEGGO
Co./Dept. UTDNAM	Co. WESTPORT OIL&GAS CO,LP
Phone # (907) 538-5336	Phone # (435) 781-7024
Fax # (801) 359-3940	Fax # (435) 781-7099

Sharla Urbaneggo
 Signature
 REGULATORY ANALYST 08/17/04
 Title Date
 Phone No. (435) 781-7024

006

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: U-01197-A-ST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
8. WELL NAME and NUMBER: NBU 1022-11F
9. API NUMBER: 4304735314
10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
1. TYPE OF WELL OIL WELL [] GAS WELL [x] OTHER
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889'FNL & 1475'FWL COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION
[] NOTICE OF INTENT (Submit in Duplicate)
Approximate date work will start:
[] ACIDIZE [] DEEPEN [] REPERFORATE CURRENT FORMATION
[] ALTER CASING [] FRACTURE TREAT [] SIDETRACK TO REPAIR WELL
[] CASING REPAIR [] NEW CONSTRUCTION [] TEMPORARILY ABANDON
[] CHANGE TO PREVIOUS PLANS [] OPERATOR CHANGE [] TUBING REPAIR
[] CHANGE TUBING [] PLUG AND ABANDON [] VENT OR FLARE
[x] SUBSEQUENT REPORT (Submit Original Form Only)
Date of work completion:
[] CHANGE WELL NAME [] PLUG BACK [] WATER DISPOSAL
[] CHANGE WELL STATUS [] PRODUCTION (START/RESUME) [] WATER SHUT-OFF
[] COMMINGLE PRODUCING FORMATIONS [] RECLAMATION OF WELL SITE [x] OTHER: WELL SPUD
[] CONVERT WELL TYPE [] 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" 24# CONDUCTOR PIPE. CMT W/25 SX READY MIX.

MIRU BILL MARTIN RATHOLE RIG #6. DRILLED 12 1/4" SURFACE HOLE TO 1960'.
RAN 9 5/8" 32.3# H-40 CSG. CMT W/225 SX PREM 2% CACL 1/4#/SK FLOCELE @15.6 PPG 1.18 YIELD.
FLOATS NOT HOLDING. TOP JOB #1: 100 SX PREM 4% CACL 1/4#/SK FLOCELE @16.0 PPG 1.10 YIELD.
TOP JOB #2: 175 SX PREM 4% CACL 2 1/4#/SK FLOCELE @16.0 PPG 1.10 YIELD.
ANNULUS FULL. STAYED FULL.

SPUD WELL LOCATION ON 8/16/04 AT 10 AM.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE [Signature] DATE 9/3/2004

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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.

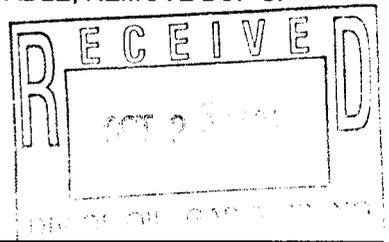
1. TYPE OF WELL OIL WELL [] GAS WELL [x] OTHER []
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889'FNL & 1475'FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: U-01197-A-ST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
8. WELL NAME and NUMBER: NBU 1022-11F
9. API NUMBER: 4304735314
10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, ACIDIZE, ALTER CASING, CASING REPAIR, CHANGE TO PREVIOUS PLANS, CHANGE TUBING, CHANGE WELL NAME, CHANGE WELL STATUS, COMMINGLE PRODUCING FORMATIONS, CONVERT WELL TYPE, DEEPEN, FRACTURE TREAT, NEW CONSTRUCTION, OPERATOR CHANGE, PLUG AND ABANDON, PLUG BACK, PRODUCTION (START/RESUME), RECLAMATION OF WELL SITE, RECOMPLETE - DIFFERENT FORMATION, REPERFORATE CURRENT FORMATION, SIDETRACK TO REPAIR WELL, TEMPORARILY ABANDON, TUBING REPAIR, VENT OR FLARE, WATER DISPOSAL, WATER SHUT-OFF, OTHER: FINAL DRILLING OPERATIONS.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
FINISHED DRILLING FROM 1960' TO 8295'. RAN 4 1/2" 11.6# I-80 CSG. CMT W/300 SX PREM LITE II @11.0 PPG. TAILED CMT W/1145 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG. DISPLACE W/50 BBLs FRESH WATER INTERMITTENT RETURNS DISPLACEMENT PRESSURE STOPPED INCREASING FROM 1290 PSI AND DECREASED TO 1188 PSI. AFTER 103 BBLs PLUG DISPLACEMENT. CMT WAS FLOWING IN FLOWLINE. 307 BBLs DISPLACEMENT WATER WAS PUMP TO FLUSH CMT FROM ANNULAS. THERE WAS WATER RETURN FROM THE TBG AND WATER/ CMT RETURNS AT THE FLOWLINE AFTER THE PUMPS HAD STOPPED. WHEN CLOSED IN. THE TBG PRESSURE READ 80 PSI, 0 PSI AT THE FLOWLINE BUT A GOOD 1" STREAM. BLEEDING OFF 1/2 BBLs INCREMENTS FROM THE TBG RESULTING IN 50% PSI REDUCTION EACH TIME UNTIL 0 PSI. THE WELL WAS OPENED UP WITH NO FLOW. A WIRELINE SINKER BAR WAS RUN DOWN THE TBG AND FOUND SOFT CMT AT 2990'. SET CSG SLIPS W/35,000#. RAISE STACK AND ROUGH CUT CSG. REMOVE ROTARY TABLE, REMOVE BOP'S. INSTALL WELL CAP. CLEAN PITS.
RELEASED CAZA 81 ON 10/13/04 AT 0600 HRS



NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE [Signature] DATE 10/18/2004

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

010

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-01197-A-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
NBU 1022-11F

2. NAME OF OPERATOR:
WESTPORT OIL & GAS COMPANY L.P.

9. API NUMBER:
4304735314

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. 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: 1889'FNL & 1475'FWL

COUNTY: UINTAH

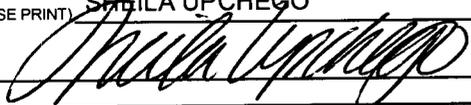
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E

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: 1/14/2005	<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 START-UP</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.
THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 1/14/05 AT 11:30 AM.
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE  DATE 1/18/2005

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DIV. OF OIL, GAS & MINING

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-11F

SPUD	Surface Casing Air Rig	Activity	Status
6/18/04		Build Location, 50% complete	Caza 81(STIPS)
6/21/04		Build Location, 50% complete	Caza 81(STIPS)
6/22/04		Build Location, 70% complete	Caza 81(STIPS)
6/23/04		Build Location, 70% complete	Caza 81(STIPS)
6/24/04		Build Location, 70% complete	Caza 81(STIPS)
6/25/04		Build Location, 95% complete	Caza 81(STIPS)
6/28/04		Build Location, 100% complete	Caza 81 Closed Loop
6/29/04		Build Location, 100% complete	Caza 81 Closed Loop
6/30/04		Build Location, 100% complete	Caza 81 Closed Loop
7/1/04		Location Built, WOBR	Caza 81 Closed Loop
7/2/04		Location Built, WOBR	Caza 81 Closed Loop
7/6/04		Location Built, WOBR	Caza 81 Closed Loop
7/7/04		Location Built, WOBR	Caza 81 Closed Loop
7/8/04		Location Built, WOBR	Caza 81 Closed Loop
7/9/04		Location Built, WOBR	Caza 81 Closed Loop
7/12/04		Location Built, WOBR	Caza 81 Closed Loop
7/13/04		Location Built, WOBR	Caza 81 Closed Loop
7/14/04		Location Built, WOBR	Caza 81 Closed Loop
7/15/04		Location Built, WOBR	Caza 81 Closed Loop
7/16/04		Location Built, WOBR	Caza 81 Closed Loop
7/19/04		Location Built, WOBR	Caza 81 Closed Loop
7/20/04		Location Built, WOBR	Caza 81 Closed Loop

7/21/04		Location Built, WOBR	Caza 81 Closed Loop
7/22/04		Location Built, WOBR	Caza 81 Closed Loop
7/23/04		Location Built, WOBR	Caza 81 Closed Loop
7/26/04		Location Built, WOBR	Caza 81 Closed Loop
7/27/04		Location Built, WOBR	Caza 81 Closed Loop
7/28/04		Location Built, WOBR	Caza 81 Closed Loop
7/29/04		Location Built, WOBR	Caza 81 Closed Loop
7/30/04		Location Built, WOBR	Caza 81 Closed Loop
8/2/04		Location Built, WOBR	Caza 81 Closed Loop
8/3/04		Location Built, WOBR	Caza 81 Closed Loop
8/4/04		Location Built, WOBR	Caza 81 Closed Loop
8/5/04		Location Built, WOBR	Caza 81 Closed Loop
8/6/04		Location Built, WOBR	Caza 81 Closed Loop
8/9/04		Location Built, WOBR	Caza 81 Closed Loop
8/10/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/11/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/12/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/13/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/16/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/17/04	14" @ 40'	Location Built, WOAR	Caza 81 Closed Loop
8/18/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/19/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/20/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/23/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/24/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/25/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/26/04	14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop

8/27/04		14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/30/04		14" @ 40'	WOAR & surface pit system	Caza 81 Closed Loop
8/31/04	8/30/04	DA @ 1080'	Spud w/ air rig @ 1:30pm.	Caza 81 Closed Loop
9/1/04	8/30/04	DA @ 1080'	Spud w/ air rig @ 1:30pm.	Caza 81 Closed Loop
9/2/04	8/30/04	9 5/8" @ 1921'	Drlg to 1960'. Set surf csg.	Caza 81 Closed Loop
9/3/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/7/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/8/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/9/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/10/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/13/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/14/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/15/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/16/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/17/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/20/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/21/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/22/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/23/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/24/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/27/04	8/30/04	9 5/8" @ 1921'		WORT Caza 81 Closed Loop
9/28/04				
		TD: 1960'	Csg. 9 5/8" @ 1922'	MW: 8.4
				SD: 9/28/04
				DSS: 0
		MIRU. 90% moved and 80% rigged up. SDFN.		
9/29/04				
		TD: 1960'	Csg. 9 5/8" @ 1922'	MW: 8.4
				SD: 9/XX/04
				DSS: 0
		Finished MIRU. Waiting on hydromatic. Rig on repair @ report time.		
9/30/04				
		TD: 1960'	Csg. 9 5/8" @ 1922'	MW: 8.4
				SD: 9/XX/04
				DSS: 0
		Install hydromatic. Test csg 1500 30 min, BOP 3000/250, annular 1500/250 10 min each. M/U bit, motor, IBS, Rih w/ tubulars.		

10/1/04
 TD: 3220' Csg. 9 5/8" @ 1922' MW: 8.5 SD: 9/30/04 DSS: 1
 Drill f/1950' t/3220' DA@report time

10/4/04
 TD: 6525' Csg. 9 5/8" @ 1922' MW: 8.5 SD: 9/30/04 DSS: 4
 Drill f/ 3220'-6525'. DA@report time.

10/5/04
 TD: 6874' Csg. 9 5/8" @ 1922' MW: 9.8 SD: 9/30/04 DSS: 5
 Drill f/ 6525'-6792'. Close in system and mud up. Drill to 6874'. Rig repair. Circulating 12' off bottom @ report time. Repair broken drum chain links.

10/6/04
 TD: 7290' Csg. 9 5/8" @ 1922' MW: 9.8 SD: 9/30/04 DSS: 6
 Drill f/ 6874'-7290'. DA @ report time.

10/7/04
 TD: 7532' Csg. 9 5/8" @ 1922' MW: 10.1 SD: 9/30/04 DSS: 7
 Drill f/ 7290'-7321'. TFNB and MM. Install new drawworks drum chain. TIH. Drill from 7321'-7532'. DA @ report time.

10/8/04
 TD: 7875' Csg. 9 5/8" @ 1922' MW: 10.4 SD: 9/30/04 DSS: 8
 Drill from 7532'-7875'. DA @ report time.

10/11/04
 TD: 8295' Csg. 9 5/8" @ 1922' MW: 11.2 SD: 9/30/04 DSS: 11
 Drill from 7875'-7974'. TFNB. Drill to 8120'. Circulate for samples. Drill to 8215'. Circulate for samples. Drill to 8295' TD. CCH and POOH for logs. Bit stuck @4008'. Work pipe. Call out surface jars. Jar on fish and free bit. Kelly up and wash and ream through tight spot. POOH and lay down mud motor. TIH for clean out run @ report time.

10/12/04
 TD: 8295' Csg. 9 5/8" @ 1922' MW: 11.2 SD: 9/30/04 DSS: 12
 TIH and CCH for logs. POOH and run Triple Combo. TIH and condition for casing. POOH laying down drill string @ report time.

10/13/04
 TD: 8295' Csg. 9 5/8" @ 1922' MW: 11.5 SD: 9/30/04 DSS: 13
 Finish laying down drill string. Run and cement 4 1/2" Production Casing. Had intermittent cement returns after 50 bbls displacement. Lift pressure decreased from 1290 psi to 1188 psi and held steady indicating a breach in the casing integrity. Continued to displace with fresh water with tail cement to surface. Pumped 307 bbls displacement to flush cement in annulus above hole. (Total displacement to bump plug 129 bbls). Shut down and had water flow in annulus and casing. Bled off water in 1/2 bbl increments. Run sinker bar on slick line and tagged up on soft cement @ 2990'. Set casing slips and made rough cut on casing. ND BOPE and install well cap. Release rig @ 0600 hrs 10/13/04.

11/23/04
 PROG: DAY 1. MIRU, SPOT EQUIP, TBG & TNKS. ND WH CAP, CALL FOR WELDER TO CUT & BEVEL DN 4-1/2" CSG STUB. NU X-OVER FLANGE 11" X 7-1/16" 5000#. NU 5K BOP, RU FLR & TBG EQUIP. PU (6)-3-1/2" DRL CLRS. STAND BACK CLRS. SDFN

- 11/24/04 PROG: 7:00 AM. HELD SAFETY MEETING, PU 3-7/8" PDC BIT. BIT SUB. PU 4-3-1/8" DRL COLLARS & RIH W/2-3/8" N-80 TBG. TAG CMT @ 2934' (91 JTS). RU PWR SWIVEL. RU PMP & LINES. BRK CONV CIRC & BEG TO DRL @ 11:30 PM. MAKING AVG 1 JT PER 12 MIN. DRL DN TOTAL OF 18 JTS. OVER ALL DEPTH MADE 566'. CIRC WL CLEAN. SWI. SDFN.
- 11/29/04 PROG: 7:00 AM. HELD SAFETY MEETING, POOH W/TBG F: 3500'. STAND BACK DRL COLLARS. LD BIT & BIT SUB. MIRU WEATHERFORD WL. PU CBL/CCL/GR TOOLS & RIH. LOG WL F: 3500' TO 100'. POOH. LD CBL TOOLS. PU CSG CALIPER TOOLS & RIH. LOG WELL F: 3500' TO 2200'. CSG LEAK NOT DETECTED. RU PMP & LINES. ATTEMPT TO CIRC DN CSG UP ANNULAS. WL WOULD NOT CIRC. BUT PMP INTO LEAK @ .3 BPM @ 1400#. PMP TOTAL OF 20 BBLs. RIH W/CSG CALIPER. LOG WL F: 3300' TO 2800'. FOUND CSG LEAK @ 3099'. POOH. RD WEATHERFORD. NDBOP. WELD 4-1/2" X 7' CSG JT ONTO CSG STUMP. NU 11" 5K BOP'S. SWI. SDFWE.
- 11/30/04 PROG: 7:00 AM. HELD SAFETY MEETING, INSTALL 4-1/2" PIPE RAMS IN BOP. PU ON 4-1/2" CSG. PULL TO 75000#, PULL CSG SLIPS & HANGER. NUBOP. MIRU WEATHERFORD WL. PU CHEM CUTTER & RIH. CUT CSG @ 3115'. POOH. PU ON CSG PULL TO 100000# PIPE WOULD NOT PULL FREE. (JAR & WORK CSG FOR 2 HRS). RU WL. PU FREE POINT TOOLS & RIH. FREE POINT CSG, FREE @ CSG COLLAR @ 3096'. POOH. PU CHEM CUTTER & RIH. ATTEMPT TO CUT CSG @ 3065'. CHEM CUTTER MISFIRED. POOH. WL TOOLS STUCK IN CSG. WORK TOOLS FOR 1 HR. MADE 100'. SWI. SDFN, 6:30.
- 12/1/04 PROG: 7:00 AM. HELD SAFETY MEETING, ATTEMPT TO PULL STUCK CHEM CUTTER FREE. (WOULD NOT PULL FREE). PU ON CSG JAR CSG F: 80,000# TO 20,000#. CHEM CUTTER CAME FREE, POOH LD CHEM CUTTER. RU NEW CHEM CUTTER & RIH. PULL CSG TO 45000# (10000# OVER STRING WEIGHT). CUT CSG @ 3065'. CSG PULLED FREE. POOH. RDMO WEATHERFORD. RU CAT WALK & PIPE RACKS. PULL CSG. PU 4' CSG DRAGGING F: 60,000# TO 40,000#. MADE TOTAL OF 7'. CSG STUCK. PULL & JAR ON CSG @ 90,000#. NO MOVEMENT. RU PMP & LINES. BEG PMPG. WL BEGAN TO CIRC @ 300#. CONT TO JAR ON CSG WHILE CIRC. WO SUCCESS. SWI. SDFN, 4:30 PM. CALL FOR CHEM CUTTER IN AM.
- 12/2/04 PROG: 7:00 AM, HELD SAFETY MEETING, ATTEMPT TO PULL CSG. CSG STILL STUCK. PULL TO 80,000#. MIRU WL SERV. WL PU FREE POINT TOOLS & RIH. FREE POINT CSG @ 3048'. CSG STUCK (40% FREE). PU FREE POINT CSG @ 3040'. CSG 100% FREE. PU FREE POINT CSG @ 3000'. CSG 100% FREE. POOH. LD FREE POINT TOOLS. PU CHEM CUTTER & RIH. CUT CSG @ 3000'. POOH. RD WL. PU ON CSG. MAKE 4' CSG STUCK. WORK CSG @ 0-60,000#. CSG WOULD NOT PULL FREE. RU PWR SWIVEL. RU PMP & LINES. BRK CONV CIRC & CONT TO WORK CSG. CSG WOULD NOT SPIN TO RIGHT. COULD NOT PULL FREE. RD SWIVEL. LATCH CSG, PULL TO 110,000# CSG CAME FREE. PULL 20' CSG STUCK. WORK CSG. PULL FREE @ 90,000#. CONT TO POOH LD CSG. LD TOTAL OF 71 JTS & 1 CUT JT. (FOUND EGGED COLLAR ON JT # 66 COLLAR JT # 65 PIN EGGED 2711'). TALLY CSG. PICKLE WH, SWI. SDFN, 5:00 PM. TOTAL CSG TALLY FGL: 2995.10'.
- 12/3/04 PROG: 7:00 AM, HELD SAFETY MEETING. PU 6-3/4" MILL TOOTH BIT, BMP SUB, JARS, 4 -4-3/4" DRL COLLARS, ACCELERATOR, X-O 2-7/8" 8 RD & RIH W/65 JTS 2-7/8" N-80 8RD TBG. TAG FILL @ +1890'. X-O POOH W/10 STANDS TBG. EOT @ 2500'. SWI. SDFN.
- 12/6/04 PROG: RIH W/10 STD 2-7/8" TBG. RU DRLG EQUIP, BRK CIRC @ 2491'. WASH & DRL THRU BRIDGE @ 2500' - 2520'. RIH, TAG @ 2723'. WASH & DRL F: 2723' TO TOP OF FISH @ 3000'. RETURNS SHOW CMT, FINE SD & SHALE FROM FORMATION. CIRC CLN, RD

SWVL. PULL 18 STDS. EOT @ 1887'. SDFWE.

- 12/7/04 PROG: 7:00 AM. HELD SAFETY MEETING, PU 6" SHOE, 2 JTS 6" OD X 5-1/8" ID WASH OVER PIPE, 4-3/4" TOP SUB, 4-3/4" BMP SUB, JARS, 4-4-3/4" DRL COLLARS. ACCELERATOR, X-0 SUB & RIH ON 86 JTS 2-7/8" N-80 8RD TBG. TAG FILL @ 3000'. RU PWR SWIVEL, RU PMP & LINES. BRK REV CIRC. BEG TO DRL. WASH OVER 4-1/2" CSG. CONT TO RIH. DRL DN 73' TOTAL. CIRC WL CLEAN (FOUND CMT & FORMATION FINES IN RETURNS). RD DRL EQUIP. POOH W/WASH PIPE. LD JARS & BMP SUB, STAND BACK DRL COLLARS & WASH PIPE. PICKLE WH DRAIN EQUIP. SWI. SDFN, 5:30 PM.
- 12/8/04 PROG: 7:00 HELD SAFETY MEETING, PU 6.25" OD X 4.75 ID OS 4.75" JARS 4-4.75" DCS ACCELATOR RIH ON 2 7/8" TBG TO 3000' RU PMP & LINES BRK CONV CIRC, LATCH FISH @ 3000'. POOH W/FISH. LD 59' OF 4.5" CSG REDRESS 6.25" X4.75" OS RIH W/OVERSLOT JARS, 4 DRL COLLARS ACCELATOR ON 2-7/8" TBG TAG TOP OF FISH @ 3065', LATCH FISH. JAR ON CSG F: 60,000# TO 80,000#. NO MOVEMENT. BACK OFF OS. POOH W/20 STANDS TBG. EOT @ 1850'. SWI. SDFN.
- 12/9/04 PROG: 7:00 AM HELD SAFETY MEETING, CONT TO POOH. W/OS, LD OS PU 2 JTS 6" OD X 5-1/4" ID WO, PIPE, 4-4-3/4" DRL COLLARS. JARS & ACCELERATOR & RIH ON 2-7/8" TBG. TAG FISH TOP @ 3065'. RU PWR SWIVEL, RU PMP & LINES. BRK REV CIRC & BEG TO DRL. WASH OVER FISH & 7' OF PROD CSG. END OF WASH PIPE @ 3022'. CIRC WL CLEAN. RD DRL EQUIP. DRAIN PMP & LINES POOH W/20 STANDS TBG. EOT @ 1850'. PICKLE WH, SWI. SDFN, 5:30 PM.
- 12/10/04 PROG: 7:00 AM. HELD SAFETY MEETING, RIH W/WO PIPE. TAG FILL @ 3022'. RU DRL EQUIP. RU PMP & LINES. BRK REV CIRC & BEG TO DRL. CO 10' TO 3122'. CIRC WL CLEAN. POOH. LD WASH OVER PIPE. PU 4-3/4" OS 4 - DRL COLLARS. JARS & ACCELERATOR & RIH ON 2-7/8" TBG. LATCH FISH @ 3065'. POOH W/FISH. LD FISH TOOLS. LD 50' CSG. FOUND HOLE IN JT # 75. (4' DN FROM COLLAR). X-O PREP TO RIH W/WASH PIPE IN AM. SDFD, 5:00 PM.
- 12/13/04 PROG: 7:00 AM. HELD SAFETY MEETING. PU 6-3/4" OD WASH OVER SHOE. 2 JTS 6" OD WASH PIPE. 4-4-3/4" DRL PIPE. JARS & ACCELERATOR & RIH ON 2-7/8" TBG. CSG TOP @ 3116'. RU DRL EQUIP. RU PMP & LINES. BRK REV CIRC. WASH OVER CSG. CONT TO RIH. TAG CMT @ 3135'. CO CMT TO 3170'. CIRC HOLE CLEAN. POOH. LD WASH OVER TOOLS. PU 3-7/8" MILL TOOTH BIT. BIT SUB & RIH ON 2-3/8" N-80 8RD TBG. WORK BIT INTO ID OF CSG. CONT TO RIH. CO CSG TO 3188'. CIRC HOLE CLEAN. POOH. EOT @ 1850'. SWI. SDFN.
- 12/14/04 PROG: HELD SAFETY MEETING. RIH W/3-7/8" BIT & SUB ON 2-3/8" TBG. TAG 4-1/2" CSG TOP @ 3116', WORK BIT INTO CSG. RIH, TAG CMNT @ 3180'. RU DRLG EQUIP, DRL CMNT FR: 3180'-3224'. CIRC HOLE CSG CLEAN. RD DRLG EQUIP, RU TBG EQUIP. POOH W/TBG, SUB & BIT. LD BIT & SUB. PU 3-5/8" INTERNAL CUTTER, 3-1/8" X-OVER SUB, 4' X 2-3/8" TBG PUP. RIH W/CUTTER & TBG. TAG CSG TOP @ 3116', WORK CUTTER INTO CSG, RU PWR SWVL, CONT IN CSG TO 3166.56'. MAKE INTERNAL CUT @ 3150' FROM SURFACE. RD PWR SWVL, RU TBG EQUIP. POOH W/TBG & INTERNAL CUTTER. LD CUTTER. X-OVER TO 2-7/8" FISHING STRING, PU OVERSHOT, BOWEN LUB BMPR SUB, BOWEN JAR, 4-4-3/4" DRL CLRS, BOWEN ACCELERATOR, 2-7/8" EUE X 3-1/2" IF SUB & 6' X 2-7/8" TBG PUP. RIH W/FISHING TOOL ASSY & 2-7/8" TBG. TAG TOP OF FISH @ 3116', WORK OVERSHOT INTO CSG, RIH TAG & LATCH FISH @ 3150'. POOH W/FISH & TBG, STAND BACK CLRS, LD FISH. SWI, SDFN.
- 12/15/04 PROG: 7:00 AM. HELD SAFETY MEETING. PU 6-3/4" OD X 4-3/4" ID SKIRTED MILL, 4-3/4" JARS, 4-4-3/4" DRL COLLARS, ACCELERATOR & RIH ON 2-7/8" N-80 TBG. TAG

CSG TOP @ 3150'. RU DRL EQUIP. RU PMP & LINES. BRK REV CIRC & BEG TO DRL. DRL 1 HR. DRESS OFF 12" OF CSG. POOH. LD 2-7/8" TBG. LD RACK OUT FISH TOOLS. INSTALL 4-1/2" PIPE RAMS IN BOP. PREP TO RUN CSG PATCH IN AM.

NOTE: TOP OF ORIG. CSG @ 3151'.

- 12/16/04 PROG: 7:00 AM. HELD SAFETY MEETING, MIRU WEST STATES CSG CREW. PU 5-3/4" OD X 4-1/2" ID OWEN CSG PATCH & RIH ON 72 JTS 4-1/2" 11.6# I-80 CSG. TAG TOP OF CUT CSG @ 3151'. WORK PATCH OVER FISH. LATCH CSG WORK PATCH F: 60,000# TO 10000#. PU & LAND CSG W/40000# TOTAL WEIGHT. (10000# OVER STR WEIGHT). RU PMP & LINES. FILL & TEST CSG TO 4000# (HELD). RDMO CSG CREW. RD PMP & LINES. CUT OFF CSG @ SURF. NU TBG HEAD. PSI TEST TBG HEAD. RU 4-1/16" 15K BOP. INSTALL 2-3/8" PIPE RAMS. PREP TO RUN PDC BIT & MUD MOTOR IN AM, SWI, SDFD.
- 12/17/04 PROG: 7:00 AM. HELD SAFETY MEETING. MIRU DBL JACK TESTING, PSI TST CSG & BOP'S TO 6500#, (HELD 10 MIN). MAKE MINOR RIG REPAIR'S. PU 3-7/8" PDC BIT, 2-3/8" MUD MOTOR, X-O SUB, 4-3-1/8" DRL COLLARS, FLOAT SUB & RIH W/2-3/8" TBG. TAG CMT @ 3303'. RU DRL EQUIP, RU PMP & LINES. BRK CONV CIRC & BEG TO DRL @ 2:15 PM. DRL 11 JTS 2-3/8" TBG. (MAKE 1 JT IN 9 MIN.) MADE TOTAL OF 372'. IN 2 HRS 30 MIN. EOT @ 3675'. SWEEP CSG W/POLYMER PILL. SD PMP PULL 300' TBG. SWI. SDFN.
- 12/20/04 PROG: 7:00 AM. HELD SAFETY MEETING, RIH W/300' TBG. TAG CMT @ 3675'. RU DRL EQUIP. RU PMP & LINES, BRK CONV CIRC & BEG TO DRL. DRL TOTAL OF 51 JTS. (1634') IN 9 HRS. 182' PER HR. TOC @ 5309'. SWEEP CSG CLEAN W/POLYMER PILL. CIRC SWEEP OUT W/85 BBLs 2% KCL. RD SWIVEL. POOH W/300' TBG. EOT @ 5000'. SWI. SDFWE.
- 12/21/04 PROG: 7:00 AM. HELD SAFETY MEETING, RIH W/300' TBG. TAG CMT @ 5309'. RU DRL EQUIP. RU PMP & LINES. BRK CONV CIRC & BEG TO DRL. DRL F: 5309' TO 6380'. FELL FREE. CONT TO RIH TO 6440'. CIRC WL CLEAN. (FOUND PLASTIC FLAKES IN RETURNS, BUT NO CMT OR MUD). CONT TO RIH TO 6750'. ATTEMPT TO PSI TST CSG W/O SUCCESS. EST INJ RT @ 1 BPM @ 2200#. CONT TO RIH TO FLOAT COLLAR @ 8270'. CIRC HOLE CLEAN W/130 BBLs 2% KCL. POOH W/35 STANDS TBG. EOT @ 6380'. SWI. SDFN.
- 12/22/04 PROG: 7:00 AM. HELD SAFETY MEETING, CONT TO POOH W/TBG, F: 6830'. LD 4-3-1/8" DRL COLLARS. LD BIT & BIT SUB. MIRU WL SERV WL. PU CBL CCL GR TOOLS & RIH. STACK OUT @ 7372'. COULD NOT GET DN. LOG WL F: 7372' TO 2900'. POOH RDMO WL SERV. PU 4-1/2" PKR & RIH. SET PKR @ 8200'. PSI TST CSG TO. 3000# (HELD 10 MIN). BLEED PSI OFF. DRAIN PMP & LINES. SWI. SDFN.
- 12/23/04 PROG: 7:00 AM. HELD SAFETY MEETING. RU PMP & LINES TO TBG. EST INJ RT DN TBG OUT CSG SHOE @ 1.5 BPM @ 2200#. SD PMP WAIT ON WL (2 HRS). MIRU PLS WL. PU TRACER SURVEY LOG TOOLS & RIH. TO 8000'. RU PMP & LINES, EST INJ RT @ 1600#, .75 BPM. INJECT TRACER MATERIAL & PUH LOG TRACER. LOST TRACER MAT @ 7200'. RIH. TO 8200' INJ MAX TRACER PILL. INJ RT @ 1 BPM @ 2200#. LOG WL F: 8200' TO 6000'. TRACER LOCATED @ 6804'. LOST TR MAT. POOH RDMO WL. RLS PKR @ 8200'. POOH W/TBG. LD PKR. PREP TO WL IN AM, SDFN, 4:30 PM.
- 12/27/04 PROG: 7:00 AM, HELD SAFETY MEETING. MIRU CUTTERS. PU 3-3/8" PERF GUNS LOADED W/12 GM CHARGES (.43" HOLES), 4 SPF, 90 DEG PHASING & RIH. TAG FLOAT COLLAR. PU SHOOT 8 HOLES F/8250' - 51'. POOH. PU 4-1/2" CIRC & RIH. SET CIRC @ 8240'. POOH, RDMO CUTTERS. PU STINGER & RIH ON 2-3/8" TBG. STOP

W/EOT @ 8100'. MIRU SCHLUMBERGER CMT CREW. FILL CSG W/FRESH WATER. PSI TST CSG TO 6500# HELD. BLEED PSI OFF. CONT TO RIH. STING INTO CIRC. EST INJ RATE @ 2800# @ 3.3 BPM. MIX & PMP 500 SKS 50/50 POZ CMT (14.1PPG). ICP: 2800#, DISPLACE W/31 BBLS FRESH WATER, FCP: 3520#, ISIP: 2250#, STING OUT OF CIRC. POOH W/35' TBG. REV CIRC W/45 BBLS FRESH WATER. WL CONT TO FLOW (CIRC LEAKING). RESTING INTO CIRC UNTIL NO FLW. PU 35' REV OUT W/45 BBLS FRESH WATER. CIRC LEAKING AGAIN. STING INTO UNTIL NO FLW. STING OUT OF CIRC & POOH W/TBG. LD STINGER. FILL CSG W/24 BBLS. PICKLE WH PSI UP TO 950#. (HOLDING). SWI. SDFWE.

- 12/28/04** PROG: 7:00 AM. HELD SAFETY MEETING. DETHAW BOP'S. BLEED PSI OFF CSG (900#). PU 3-7/8" PDC BIT & RIH ON 2-3/8" TBG. TAG CMT @ 7436'. RU DRL EQUIP, RU PMP & LINES. BRK CONV CIRC & BEG TO DRL. DRL TOTAL OF 13 JTS. (409'). EOT @ 7845', CIRC WL CLEAN. RD DRL EQUIP. POOH W/5 STANDS TBG. EOT @ 7531'. SWI. SDFN.
- 12/29/04** PROG: 7:00 HELD SAFETY MEETING. RIH W/5 STANDS BRK CIRC START DRLG OUT CMT FROM 7845' TO 8200' CIRC OUT, CUTTING CIRC HOLE W/2% KCL RD SWVL, LD 30 JTS 2-3/8 TBG POOH W/2-3/8" TBG, BIT & SUB DRAIN UP RIG PMP & LINES, WINTERIZE WL HEAD. SWI SDFN.
- 12/30/04** PROG: 7:00 HELD SAFETY MEETING, MIRU CUTTERS & RIH W/CBL LOG FROM 8,176' TO TOP OF CMT @ 3,130'. POOH W/CBL TOOL, PU 3-3/8" EXP GUNS & PERF MV @ 7962-66, 8020-24, 8140-44' 23 GRM .35, 90 DEG PHASING 4 SPF (48 HOLES) POOH W/PERF GUNS RD CUTTERS, CHANGE THE PIPE RAMS IN BOPS TO BLINDS, WINTERIZE WL HEAD, SWI SDFN.
- 01/03/05** PROG: 7:00 AM, HELD SAFETY MEETING, MIRU SCHLUMBERGER TO DO A TOP DN CMT JOB, PRESS TEST LINES TO 3,450# ANNULUS WHP: 632#, PMP AN INJECTION TEST 2 BPM @ 670# FOR 10 BBLS, MIX & PMP 350 SKS: 1068 CU FT OF CLASS G CMT W/12% D20, 1% D79, 0.2% D167 0.2% D46, 1/8#/SK D130, WT: 11.5 PPG, YD: 3.05, WATER: 18.65 GPS, AVG RATE: 2 BPM @ 715# SD, WL PSI: 700#, SWI, WINTERIZE WL HEAD, SDFWN.
- 01/04/05** PROG: 7:00 HELD SAFETY MEETING, MIRU SCHLUMBERGER & CUTTERS TO FRAC & PERF PRESS TEST SURFACE LINES TO 7550# WHP 1730# BRK PERFS @ 3223 PSI @ 4 BPM ISIP: 2530, FG: .75, PMP 37 BBLS 2% KCL @ 35 BPM @ 4800# CAL 44 HOLES OPEN PMP 2077 BBLS YF 120 ST+ ISIP: 3818, FG: .91, NPI: 1288, MP: 5646, MR: 46, AP: 4473, AR: 43.5, 271600 # 20/40 SD PMPD 400 LBS PROPNET RIH W/4-1/2" BAKER 5K CBP & SET @ 7866' PERF MV W/3-3/8 EXP GUNS 23 GRM .35 90 DEG PHASING @ 7632-36, 7731-35, 7829-31, 4SPF (40 HOLES) WHP 0# BRK PERFS @ 2906# @ 3.8 BPM ISIP: 2450, FG: .75, PMP 19 BBLS 2% KCL @ 36.5 BPM @ 5100# CAL 38 HOLES OPEN PMP 2453 BBLS YF 120 ST+ ISIP: 3120, FG: .83, NPI: 670, MP: 5181, MR: 51.4, AP: 4563, AR: 48.4, 340,320 # 20/40 SD, PMPD 500 PROPNET. RIH W/4-1/2" BAKER 5K CBP & SET @ 7520 FOR A KILL PLUG RD & MO CUTTERS & SCHLUMBERGER, WINTERIZE WL HEAD, SWI SDFN.
- 01/05/05** PROG: 7:00 HELD SAFETY MEETING, PU MILL & FAST EDDIE POBS RIH 2-3/8" N-80 TBG TAG FILL @ 7480, CBP @ 7520 = 40' DRL BAKER 5K CBP IN 22 MINUTES W/700# INCREASE CIRC SD OUT, W/2% KCL RIH TAG FILL @ 7826' CBP @ 7866 = 40' DRL BAKER 5K CBP IN 15 MINUTES W/600# INCREASE CIRC SD OUT W/2% KCL RIH TAG FILL @ 8140 PBT 8200 = 60' CIRC 30' PLUGGED MILL, CIRC CLEAN TO 8170', POOH, LD 10 JTS EOT @ 7894.37 ND BOPS, NU WL HEAD DROP BALL PMP 4000# COULD NOT POBS, WINTERIZE WL HEAD, SWI SDFN.
- 01/06/05** PROG: 7:00 AM HELD SAFETY MEETING, MIRU WEATHERFORD TO PERF TBG RIH

W/1 9/16" GUNS PERF TBG @ 7865 - 7869 W/6 GRM .5 90 deg PHASING 4 SPF (16 HOLES)
HELD 1200# ON TBG WHEN PERFORATING AFTER PERF WE HAD 300# INCREASE
POOH W/WLSERV RD MO TURN WL OVER TO DELSCO FLW TESTERS 1000# ON
ANNULUS & 600# ON TBG 20 CHK. RD RIG.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2700#, TP: 1990#, 20/64 CHJK, 27
BWPH, 22 HRS, SD: TRACE, TTL BBLs FLWD: 2178, TODAY'S LTR: 4530, LOAD REC
TODAY: 2,178 BBLs, REMAINING LTR: 2352 BBLs, TOTAL LOAD REC TO DATE: 2,178
BBLs.

01/07/05 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1850#, TP: 1625#, 20/64 CHK,
20 BWPH, 24 HRS, SD: TRACE, TTL BBLs FLWD: 540, TODAY'S LTR: 2352 BBLs, LOAD
REC TODAY: 540 BBLs, REMAINING LTR: 1,812 BBLs, TOTAL LOAD REC TO DATE:
2,718 BBLs.

01/10/05 PROG: 1/10/05:WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1225# TP: 1025#, 20/64
CHK, 6 BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 124, TODAY'S LTR: 1,281 BBLs,
LOAD REC TODAY: 124 BBLs, REMAINING LTR: 1,157 BBLs, TOTAL LOAD REC TO
DATE: 3,373 BBLs.

01/09/05: CP: 1300#, TP: 1200#, 20/64 CHK, 7 BWPH, 24 HRS, SD: CLEAN, TTL BBLs
FLWD: 193, TODAY'S LTR: 1,474 BBLs, LOAD REC TODAY: 193 BBLs, REMAINING
LRT: 1,281 BBLs, TOTAL LOAD REC TO DATE: 3,249#.

01/08/05: CP: 1500#, TP: 1390#, 20/64 CHK, 10 BWPH, 24 HRS, SD: TRACE, TTL BBLs
FLWD: 338, TODAY'S LTR: 1,812 BBLs, LOAD REC TODAY: 338 BBLs, REMAINING
LTR: 1,474 BBLs, TOTAL LOAD REC TO DATE: 3,056 BBLs.

01/11/05 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1035#, TP: 985#, 20/64 CHK, 2
BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 67, TODAY'S LTR: 1,157 BBLs, LOAD
REC TODAY; 67 BBLs, REMAINING LTR: 1,090 BBLs, TOTAL LOAD REC TO DATE:
3,440 BBLs.

01/12/05 PROG: SHUT IN, WAITING ON FACILITIES.

01/13/05 PROG: SHUT IN, WAITING ON FACILITIES.

01/14/05 PROG: SHUT IN, WAITING ON FACILITIES.

01/17/05 PROG: WELL WENT ON SALES. 1/14/05, 11:30 AM, SICP: 2800#, FTP: 2120#, 3.3 BWPH.
FINAL REPORT FOR COMPLETION.

ON SALES

01/14/05: 1655 MCF, 0 BC, 53 BW, TP: 1645#, CP: 1806#, 14/64 CHK, 17-1/2 HRS, LP: 338#.
01/15/05: 194 MCF, 0 BC, 17 BW, TP: 2347#, CP: 2374#, 14/64 CHK, 4 HRS, LP: 340#.

01/18/05 **ON SALES**

01/16/05: 658 MCF, 0 BC, 40 BW, TP: 1178#, CP: 1470#, 16/64 CHK, 20 HRS, LP: 352#.

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

AMENDED REPORT FORM 8
(highlight changes)

011

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-01197-A-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NBU 1022-11F

9. API NUMBER:
4304735314

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENW 11 10S 22E

12. COUNTY
UINTAH

13. STATE
UTAH

14. DATE SPURRED: **8/16/2004**

15. DATE T.D. REACHED: **10/11/2004**

16. DATE COMPLETED: **1/14/2005**

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5080'GL

18. TOTAL DEPTH: MD **8,295** TVD

19. PLUG BACK T.D.: MD **8,200** 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, SOI/OSN, HRZ/MICROLOG

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	24#		40		25 SX			
12 1/4	9 5/8 H-40	32.3#		1,960		500 SX			
7 7/8	4 1/2 I-80	11.6#		8,295		1445			

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"	7.894							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) MESAVERDE	7,632	7,831		
(B) MESAVERDE	7,962	8,144		
(C) MESAVERDE	8,250	8,251		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,632 7,831	0.35	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
7,962 8,144	0.35	38	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
8,250 8,251	0.35		Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7632'-7831'	PMP 2453 BBLs YF120ST & 340,320# 20/40 SD
7462'-8144'	PMP 350 SX CLASS G - PMP 2177 BBLs YF120ST & 271,600# 20/40 SD
8250'-8251'	PMP 500 SX 50/50 POZ CMT @14.1 PPG

RECEIVED

MAR 01 2005

DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

PROD

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 1/14/2005		TEST DATE: 1/14/2005		HOURS TESTED: 17		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,655	WATER - BBL: 53	PROD. METHOD: FLOWING
CHOKE SIZE: 14/64	TBG. PRESS. 1,645	CSG. PRESS. 1,806	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,665	WATER - BBL: 53	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 1/14/2005		TEST DATE: 1/14/2005		HOURS TESTED: 17		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,665	WATER - BBL: 53	PROD. METHOD: FLOWING
CHOKE SIZE: 14/64	TBG. PRESS. 1,645	CSG. PRESS. 1,806	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,665	WATER - BBL: 53	INTERVAL STATUS: PROD

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED: 1/14/2005		TEST DATE: 1/14/2005		HOURS TESTED: 17		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,665	WATER - BBL: 53	PROD. METHOD: FLOWING
CHOKE SIZE: 14/64	TBG. PRESS. 1,645	CSG. PRESS. 1,806	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,665	WATER - BBL: 53	INTERVAL STATUS: PROD

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)
WASATCH MESAVERDE	4,089 6,504	6,504			

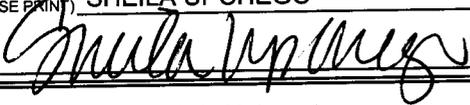
35. ADDITIONAL REMARKS (Include plugging procedure)

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 2/22/2005

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	--------	-------	---------------------	-----	-----	-----	--------	-----------	------------	-----------	-------------

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEE ATTACHED

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
 KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

BLM BOND = C01203
 BIA BOND = RLB0005239
 APPROVED 5/16/06
 Carlene Russell

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) RANDY BAYNE	Title DRILLING MANAGER
Signature <i>Randy Bayne</i>	Date May 9, 2006

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice 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.	Office	

Title 18 U.S.C. Section 1001, 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) BRAD LANEY	Title ENGINEERING SPECIALIST
Signature	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date 5-9-06
Conditions of approval, if any, are attached. Approval of this notice 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.		Office

Title 18 U.S.C. Section 1001, 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.

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.

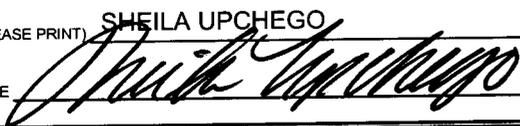
		5. LEASE DESIGNATION AND SERIAL NUMBER: U-01197-A-ST
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 1022-11F
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304735314
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889'FNL, 1475'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E		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>MAINTENANCE</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.

10/06/06 Daily Detail : NIPPLE UP BOP, KILL WELL W/ 50 BBL 2%. POOH L/D 3 JTS 2 3/8". SCALE ON ID. MAKE UP NEW F-NIPPLE, RIH BROACING TBG. LAND W/ 252JTS L-80 2 3/8" TBG. NIPPLE DOWN BOP, NIPPLE UPTREE, RIG DOWN SDFWE. PUMPED 100 BBL 2% TOTAL

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>10/31/2006</u>

(This space for State use only)

RECEIVED
NOV 07 2006

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

FORM 9

6. LEASE DESIGNATION AND SERIAL NUMBER:
U-01197-A-ST

8. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

8. WELL NAME and NUMBER:
NBU 1022-11F

9. API NUMBER:
4304735314

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

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 GAS WELL OTHER _____

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

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1889'FNL, 1475'FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENW 11 10S 22E**

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CSG LEAK</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.

While performing routine workover procedures to clean out scale-obstructed tubing on the subject well, a minor casing leak was discovered. Using a packer and plug, depth of the leak was isolated within the interval of 6633-6664'. When 1000psi of pressure is placed on the leak, it bleeds off at a rate of 100 psi/minute until it drops to 500psi, then it bleeds more slowly. An injection rate of 1 bpm can not be maintained without the pressure building continuously. Given these parameters, we believe it unlikely that the leak could be effectively repaired with a cement squeeze. We feel that the leak does not jeopardize continued safe production of the well given that stable circulation inside the casing could be maintained, and given the fact that the well pressured up 300psi on its own over night. Furthermore, the leak is within the Mesa Verde formation interval and is far removed from any potential freshwater zones. It is our intention to finish the workover according to plan and place the well back on production immediately

COPY SENT TO OPERATOR
Date: 10/19/07
Initials: [Signature]

NAME (PLEASE PRINT) **SHEILA UPCHEGO**

TITLE **SENIOR LAND ADMIN SPECIALIST**

SIGNATURE [Signature]

DATE **10/18/2007**

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 10/19/07

BY: [Signature]

(See Instructions on Reverse Side)

(5/2000)

* Operator should monitor leak and report to Division periodically may need to squeeze w/cment or resin based material if it is found waste is occurring

RECEIVED
OCT 18 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-01197-A-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
NBU 1022-11F

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

9. API NUMBER:
4304735314

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: 1889'FNL, 1475'FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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 SQUEEZE AND RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE WASATCH AND MESAVERDE FORMATIONS.
PLEASE REFER TO THE ATTACHED SQUEEZE AND RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR
Date: 4.23.2008
Initials: KS

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE *[Signature]* DATE 4/16/2008

(This space for State use only)
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
DATE: 4/22/08
BY: [Signature]
(S/2000) (See Instructions on Reverse Side)

RECEIVED
APR 18 2008
DIV. OF OIL, GAS & MINING

Name: NBU 1022-11F
Location: SE NW Sec 11 T10S R22E
Uintah County, UT
Date: 03/18/2008

ELEVATIONS: 5080 GL 5095 KB

TOTAL DEPTH: 8295 **PBTD:** 8250
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 1921'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8295'
 Marker Joint 4058-4079'

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

GENERAL:

- A minimum of 17 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 10/11/2004
- 3 fracturing stages required for coverage.
- Procedure calls for 4 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 resin coated sand last 5,000# of all frac stages

PROCEDURE:

NBU 1022-11F Squeeze and recompletion procedure
PROCEDURE:

1. MIRU. NU and test BOP. Pressure test tubing before POOH. TOO H & stand back 2 3/8" J-55 tbg (currently landed @ 7892'). Make a C/O run with tbg or run a gauge ring to 7200'.
2. RIH w/ a 4 1/2" packer and set @ 6600' (found previous casing leak/bleed off from 6636'-6664'). Circulate hole clean with recycled water. Pressure test BOP and casing to 6200 psi. Inform engineering if casing doesn't test. If casing tests, POOH w/ tbg and packer.
3. RIH and set a CBP @ 7050'. Do a quick pressure test to see if previous casing leak/bleed off from 6636-6664' is still the same (in Oct 2007 pressure tested casing to 1000 psi and lost 900 psi in 15 minutes). Perforate 8 squeeze holes in 4 1/2" casing @ 7000'. RIH and set a CICR @ ±6800'.
4. RIH and sting into CICR @ 6800'. Breakdown perfs and establish injection rate. Based on rate, calculate cement volume. Needed to get cement behind 4 1/2" up to ± 6250'. Squeeze casing. Unsting out of CICR, circulate and POOH. WOC.
5. RIH and C/O to just above CBP @ 7050'. POOH laying down tbg and RDMOL. Run a CBL > 5 days after squeeze.
6. If CBL shows good bond, proceed to prepare well to be frac'd.
7. MIRU. NU and test BOP. RIH and set a CBP @ 6954' to cover squeeze holes @ 7000'. Pressure test BOP and casing to 6200 psi.
8. MIRU. NU and test BOP. RIH 3 7/8" mill and clean out to PBTD @ ~ 8250' if possible, or to 6960' at a minimum. Circulate hole clean with recycled water. POOH. Run CBL (if needed). Pressure test BOP and casing to 6200 psi.
9. Set 8000 psi CBP at ~6960' Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	6620	6624	2	8
MESAVERDE	6777	6781	3	12
MESAVERDE	6918	6924	4	24
10. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6591' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
11. Set 8000 psi CBP at ~6552'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	6388	6390	4	8
MESAVERDE	6514	6522	4	32
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6338' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
13. Set 8000 psi CBP at ~5854'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

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

WASATCH	5625	5629	4	16
WASATCH	5818	5824	4	24

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5575' flush only with recycled water.
15. Set 8000 psi CBP at~5575'.
16. TIH with 3 7/8" bit, pump off sub, SN and tubing.
17. Drill plugs and clean out to PBTD. Shear off bit and land tubing at ±6650' unless indicated otherwise by the well's behavior.
18. RDMO

**For design questions, please call
Curtis Caile, Denver, CO
(406)-490-2472 (Cell)
(720)-929-6194 (Office)**

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

NOTES:

Fracturing Schedules
 NBU 1022-11F
 Slickwater Frac

3603.6368
 66.7964952

Stage	Zone	Pay		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		Top, ft	Bot, ft																
1	MESAVERDE	6600	6593	14	6620	6624	2	8	Varied	Pump-in test			Slickwater	0	0							
	MESAVERDE	6615	6626	11	6777	6781	3	12	0	ISIP and 5 min ISIP												43
	MESAVERDE	6628	6636	10	6918	6924	4	24	50	Slickwater Pad			Slickwater	603	603	15.0%	0.0%	0	0			76
	MESAVERDE	6643	6654	11	No Perfs				50	Slickwater Ramp	0.25	1.25	Slickwater	2,009	2,612	50.0%	39.7%	63,281	63,281			127
	MESAVERDE	6776	6781	6	No Perfs				50	Slickwater Ramp	1.25	2	Slickwater	1,406	4,018	35.0%	60.3%	95,977	159,258			0
	MESAVERDE	6883	6890	8	No Perfs				50	Flush (4-1/2")				102	4,120				159,258			43
	MESAVERDE	6914	6932	18	No Perfs					ISDP and 5 min ISDP												268
		Ft of Net Pay		75	# of Perfs/stage		44							Flush depth	6591		gal/ft	2,260	2,123	lbs sand/ft	39	LOOK
								86.0	<< Above pump time (min)													
2	MESAVERDE	6388	6391	3	6386	6390	4	8	Varied	Pump-in test			Slickwater	0	0							
	MESAVERDE	6606	6622	17	6514	6522	4	32	0	ISIP and 5 min ISIP												
	MESAVERDE		0						50	Slickwater Pad			Slickwater	139	139	15.0%	0.0%	0	0			18
	MESAVERDE		0						50	Slickwater Ramp	0.25	1.25	Slickwater	464	604	50.0%	39.7%	14,625	14,625			29
	MESAVERDE		0						50	Slickwater Ramp	1.25	2	Slickwater	325	929	35.0%	60.3%	22,181	36,806			0
	MESAVERDE		0						50	Flush (4-1/2")				99	1,027				36,806			38
	MESAVERDE		0							ISDP and 5 min ISDP												85
		Ft of Net Pay		20	# of Perfs/stage		40							Flush depth	6338		gal/ft	2,000	1,888	lbs sand/ft	48	LOOK
								21.4	<< Above pump time (min)													
3	WASATCH	5806	5829	23	5825	5829	4	16	Varied	Pump-in test			Slickwater	0	0							
	WASATCH	5757	5762	5	5818	5824	4	24	0	ISIP and 5 min ISIP												
	WASATCH	5810	5824	14	No Perfs				50	Slickwater Pad			Slickwater	296	296	15.0%	0.0%	0	0			37
	WASATCH		0						50	Slickwater Ramp	0.25	1.25	Slickwater	988	1,285	50.0%	39.7%	31,125	31,125			62
	WASATCH		0						50	Slickwater Ramp	1.25	2	Slickwater	692	1,976	35.0%	60.3%	47,206	78,331			0
	WASATCH		0						50	Flush (4-1/2")				87	2,063				78,331			0
	WASATCH		0							ISDP and 5 min ISDP												100
		Ft of Net Pay		42	# of Perfs/stage		40							Flush depth	5575		gal/ft	2,000	1,888	lbs sand/ft	0	LOOK
								43.0	<< Above pump time (min)													
Totals				136				124						gals bbls	7,210 bbls			Total Sand	274,395			
								2.5						16.0	tanks				Total Scale Inhib. =	472		

NBU 1022-11F

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6620	6624	2	8	6579.5	to	6593
	MESAVERDE	6777	6781	3	12	6615	to	6625.5
	MESAVERDE	6918	6924	4	24	6628	to	6637.5
	MESAVERDE		No Perfs			6642.5	to	6653.5
	MESAVERDE		No Perfs			6775.5	to	6781
	MESAVERDE		No Perfs			6882.5	to	6890
	MESAVERDE		No Perfs			6914	to	6931.5
	# of Perfs/stage				44	CBP DEPTH	6,552	
2	MESAVERDE	6388	6390	4	8	6388	to	6391
	MESAVERDE	6514	6522	4	32	6505.5	to	6522
	# of Perfs/stage				40	CBP DEPTH	5,854	
3	WASATCH	5625	5629	4	16	5606	to	5629
	WASATCH	5818	5824	4	24	5757	to	5761.5
	WASATCH		No Perfs			5810	to	5824
	# of Perfs/stage				40	CBP DEPTH	5,575	
Totals					124			

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: U-01197-A-ST
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-11F
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304735314
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889'FNL, 1475'FWL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 11 10S 22E		COUNTY: UINTAH
		STATE: UTAH

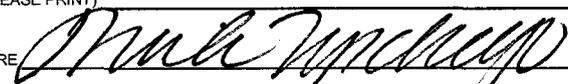
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 AN SQUEEZE OPERATION AND RECOMPLETION TO COMPLETE THE WASATCH FORMATION, AND COMMINGLE THE WASATCH AND MESAVERDE FORMATIONS. THE SUBJECT WELL LOCATION WAS PLACED BACK ON PRODUCTION ON 05/18/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED SQUEEZE AND RECOMPLETION CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>5/19/2008</u>

(This space for State use only)

RECEIVED
MAY 21 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

EVENT INFORMATION: EVENT ACTIVITY: RECOMPLETION START DATE: 4/22/2008
 OBJECTIVE: SECONDARY END DATE:
 OBJECTIVE 2: RECOMPLETE DATE WELL STARTED PROD.:
 REASON: MV/WAS Event End Status:

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 DOUBLE HOOK / UNK 04/22/2008 05/15/2008 05/15/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
------	----------------	---------------	-------	------	---------	-----	-----------

4/22/2008
 SUPERVISOR: FRANK WINN
 7:00 - 15:00 8.00 WO/REP 30 P HSM. (RUSU 4-21-08) FTP 400, FCP 400. BLOW DOWN TBG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG, LUB OUT AND LD 4" 10M HANGER. LAY FLOW LINES. POOH W/ 252-JTS 2-3/8" J-55 PROD TBG. LD 1.87" SN AND MULE SHOE. PMP 31 BBLS TO CONTROL WELL. RU CASD HOLE SOLUTIONS EWL. RIH W/ 3.625" GR/ JB TO 7280'. GOOD. RIH W/ BAKER 10K CBP AND SET AT 7050'. POOH AND RD CASD HOLE EWL. SDFN

4/23/2008
 SUPERVISOR: FRANK WINN
 7:00 - 15:30 8.50 WO/REP 30 P HSM. SICP 30. MU AND RIH W/ 4-1/2" HD (W/FORD) PKR, 1.87" XN-NIPPLE ON 2-3/8" TBG AS TALLY. HAVE 218-JTS IN HOLE, PKR AT 6813.37'. FILL HOLE W/ 80 BBLS. CIRC 10 MORE TO CLEAN UP. DROP STANDING VALVE AND PUMP 18 BBLS TO SEAT SAME. P-TEST TBG TO 5000 PSI. GOOD. RU SANDLINE AND RETRIEVE STANDING VALVE. SET PKR AT 6810' AND P-TEST CBP TO 3000 PSI. GOOD. RELEASE PKR AND POOH W/ 7-JTS. PU 4" 10K HANGER. SET PKR W/ 211-JTS IN AT 6597' AND LAND HANGER. P-TEST CSG TO 6200 PSI. GOOD. PUMP DOWN TBG AND TEST CSG LEAK 6633'-64'. SLOW TO PRESSURE UP AS PUMPING 1-BPM. HAVE SAME LEAK OFF AS BEFORE. RELEASE PKR FROM 6597' AND POOH W/ TBG AND LD PKR. SDFN.

4/24/2008
 SUPERVISOR: FRANK WINN
 7:00 - 15:00 8.00 WO/REP 30 P HSM. SICP 0. RU CASD HOLE EWL. RIH W/ 2' GUN 3-3/8" OD W/ 4 SPF. PERF 8-HOLES 7000'-02'. RIH W/ 4-1/2" CICR AND SET AT 6800'. POOH AND RD CASD HOLE SOLUTIONS. MU AND RIH W/ CMT STINGER ON 218-JTS 2-3/8" J-55 TBG. TAG CICR AT 6808' SLM. SPACE OUT W/ 2' SUB. UNSTING AND FILL HOLE W/ 5 BBLS. STING INTO CICR AND PRESSURED UP TO 2000 PSI. HOOK UP HARDLINE AND PRESSURE UP TO 4000 PSI. BLEED OFF PRESSURE. HOOK UP HOSE AND PUMP SLOWLY AS WORK IN AND OUT OF CICR. HAD 2" FILL IN CICR. NOW ABLE TO STING INTO CICR AND ESTABLISH INJECTION RATE OF .5 BPM AT 1900 PSI FOR 5 BBLS. STOP PUMPING. PRESSURE LEAKED OFF TO 1400 PSI. UNSTING AND STING BACK INTO CICR. DID NOT SEE ANY COMMUNICATION THRU CSG LEAK AT 6633'-64'. SDFN.

4/25/2008
 SUPERVISOR: FRANK WINN
 7:00 - 15:00 8.00 WO/REP 30 P HSM. SITP 0, SICP 0. FILL CSG W/ 6 BBLS 2%. UNSTING FROM CICR AT 6800 AND STING BACK INTO. CHECK INJECTION RATE .5 BPM AT 1900 PSI. MIRU HAL. CO. HSM W/ HALCO. P-TEST LINES TO 5300 PSI. PRESSURE UP CSG TO 500 PSI TO MONITOR. PUMP 10 BBLS FRESH AND WALK INJECTION RATE UP TO 1.5 BPM AT 2400 PSI. PUMP 67.6 BBLS CMT AT 1.8 BPM BEGIN 2000 PSI, MIDWAY 1.8 BPM AT 1800 PSI, AND END 1.8 BPM AT 1300 PSI (260 SX 50/50 POX W/ ADDITIVES MIXED ON FLY TO 13.4# W/ 1.46Y) AND DISPLACE W/ 26.3 BBLS FRESH, ENDED W/ 1.8 BPM AT 2300 PSI. UNSTING FROM CICR W/ 2000 PSI UNDER. LD 6-JTS AND REVERSE CLEAN W/ 40 BBLS. SHOWED GREEN WTR IN RETURNS. RD HAL. CO. POOH W/ 212-JTS 2-3/8" J-55 TBG. LD STINGER. MU 3-7/8" BIT, BIT SUB AND RIH W/ 148-JTS 2-3/8" J-55 TBG. SDFN W/ EOT AT 4588'
 DID NOT SEE GOOD SIGNS OF LIFT ON CMT JOB, AND HAD NO COMMUNICATION UP TO CSG LEAK AT 6636-64'.

4/28/2008
 SUPERVISOR: FRANK WINN

Wins No.:	72186				NBU 1022-11F	API No.:	4304735314	
	7:00 - 16:00	9.00	WO/REP	30		P	HSM. SITP 0, SICP 0. CONT RIH W/ 3-7/8" BIT FROM 4588' TO TAG SOFT CMT AT 6748' W/ 216-JTS IN. RU DRLG EQUIP. EST REV CIRC. D/O SOFT CMT TO 6780' THEN GOOD CMT TO CICR AT 6800'. D/O CICR. CONT D/O GOOD CMT TO 7029' W/ 225-JTS IN. CIRC CLEAN. ROLL HOLE W/ GOOD 2% KCL. RD DRLG EQUIP. POOH W/ 10-JTS TBG. SDFN W/ 215-JTS IN. EOT AT 6665'	
4/29/2008								
SUPERVISOR: FRANK WINN								
	7:00 - 15:00	8.00	WO/REP	30		P	HSM. SITP 0, SICP 0. FIN POOH W/ 215-JTS 2-3/8" J-55 TBG. LD BIT SUB AND 3-7/8" BIT. MIRU CUTTER EWL AND RUN CCL/GR/CBL TOOL AND LOG FROM 7018' UP TO 5000'. POOH AND RD CUTTERS EWL. SDFN	
4/30/2008								
SUPERVISOR: FRANK WINN								
	7:00 - 15:00	8.00	WO/REP	30		P	HSM. SICP 0. RIH AND LD 250-JTS 2-3/8" TBG 1/2 OF STRING AT A TIME. RD FLOOR. ND BOP. NU 4" 10K FRAC VALVES. MOVE EQUIP OFF. TO WINDY TO RDSU. WILL RD AND MOVE TO CIGE 299 IN AM.	
5/12/2008								
SUPERVISOR: FRANK WINN								
	7:00 - 7:15	0.25	COMP	48		P	HSM, PRE FRAC SAFETY	
	7:15 - 15:00	7.75	COMP	36	E	P	STG #1] P/U RIH W/ BKR 8K CBP, SET CBP @ 6954', POOH, P/U RIH W/ 3-3/8 EXPEND, 23 GRM, 0.36" HOLE PERF MESAVERDE 6918'-6924' 2 SPF, 180* PH, 12 HOLES, 6620'-6626' 4 SPF, 90* PH, 24 HOLES, 6388'-6390' 2 SPF, 180* PH, 4 HOLES, [40 HOLES]	
							WHP=0#, BRK DN PERFS @ 1906#, INJT PSI=3860#, INNJT RT=50.6, ISIP=1550#, FG=.67, PUMP'D 5363 BBLs SLK/WTR W/ 195220# 30/50 MESH W/ NO RESIN COAT IN TAIL [STARTED TON SCREEN OUT, CUT & RUN] ISIP=2430#, FG=.81, AR=50.4, AP=3633#, MR=50.8, MP=6200#, NPI=880#, 32/40 CALC PERFS OPEN.	
							STG #2] P/U RIH W/ BKR 8K CBP & PERF GUN . SET CBP @ 5854', PERF WASATCH USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 5818'-5824' 4 SPF, 90* PH, 24 HOLES, 5625'-5629' 4 SPF, 90* PH, 16 HOLES. [40 HOLES]	
							WHP=300#, BRK DN PERFS @ 4573#, INJT PSI=4330#, INJ RT=52, ISIP=1600#, FG=.72. PUMP'D 2462 BBLs SLK/WTR W/ 102317# 30/50 MESH W/ 10000# RESIN COAT IN TAIL, ISIP=1730#, FG=.74, AR=48.4, AP=4764, MR=52, MP=6000#, NPI=130# 24/40 CALC PERFS OPEN.	
							P/U BKR 8K CBP RIH & SET @ 5575' POOH , R/D CUTTERS & BJ FRAC CREW. SWI.	
5/13/2008								
SUPERVISOR: CLAUD SIMS								
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING # 9	
	7:30 - 14:00	6.50	COMP	30	A	P	ROAD RIG FROM FEDERAL1022-28L TO LOC, SPOTTED RIG AND EQUIP ON LOC, WAIT FOR BJ FRAC TO MOVE SAND MASTER BEFORE RIG ABLE TO RIG UP,	
	14:00 - 17:00	3.00	COMP	31	I	P	NO PRESSURE ON WELL, ND/ FRAC VALVE, NU/ BOPS, RU/ TBG EQUIP., PU/ 3-7/8" BIT & POBS, TIH W/ 2-3/8" J-55 TBG W/ TALLY TBG, RIH TO @ 3667' 118 JTS, SWI, SDFN	
5/14/2008								
SUPERVISOR: CLAUD SIMS								
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #10	
	7:30 - 8:30	1.00	COMP	31	I	P	NO PRESSURE ON WELL, TIH W/ 2-3/8" TBG, TAG SAND @ 5530'.	

8:30 - 8:30 0.00 COMP 44 C P R/U POWER SWIVEL, PRESSURE TEST BOP TO 3000# OK, ESTB CIRC DN TBG OUT CSG, WASH OUT SAND FROM 5530' TO 5575',

(DRLG CBP # 1) 5575' DRILL OUT BAKER 8K CBP IN 25 MIN. 100# DIFF. RIH TAG SAND @ 5710', C/O 144' SAND, FCP = 50 #.

(DRLG CBP # 2) 5854', DRILL OUT BAKER 8K CBP IN 10 MIN., 150# DIFF. RIH TAG SAND @ 6648', C/O 306' SAND. FCP = 50 #.

(DRLG CBP # 3) 6954', DRILL OUT BAKER 8K CBP IN 9 MIN, 0# DIFF, RIH TAG FILL @ 7026', DRILL OUT 24' OF CEMENT, FCP = 50#.

(DRLG CBP # 4) 7050', DRILL OUT BAKER 8K CBP IN 10 MIN, 0 # DIFF., RIH TAG FILL @ 8077', C/O 100' FILL, FCP = 50#, PBSD @ 8170'.

CIRC WELL CLEAN / FOAM UNIT, R/D POWER SWIVEL, POOH LAY DN 51 JTS ON PIPE TRAILER, LANDED TBG W/ HANGER W/ 211 JTS 2-3/8" J-55 TBG, EOT @ 6609.25', RD/ FLOOR & TBG EQUIP, ND BOP, NU / WH, DROP BALL DN TBG, PUMP OFF THE BIT @ 600 #, WAIT 30 MIN FOR BIT TO FALL TO BTTM, OPEN WELL TO FBT ON 64/64 CHOKE, FTP 0 #, SICP = 250#, BLOWED WELL AROUND W/ FOAM UNIT, 850# ON CSG, 500 # ON TBG, TURN WELL OVER TO FBC @ 8:00 PM W/ @ 6000 BBLs WTR LTR. PREPARE TO RIG DN, AVG 14 MIN / PLUG, @ 450' OF SAND.

KB 15.00'
HANGER .83' 2-3/8" J-55 TBG 211 JTS
6591.21'
POBS 1.875" PROFILE NIPPLE 2.20'
EOT 6609.24'

5/15/2008
SUPERVISOR: CLAUD SIMS
7:00 - 11:00 4.00 COMP 30 P RIG DOWN SERVICE UNIT MOVE OFF.

5/16/2008
SUPERVISOR: KENNY WARREN
7:00 - 33 A 7 AM REPORT: CP 1200#, TP 75#, OPEN CK, 25 BPWH, TRACE, 0 MCFD
TTL BBLs RECOVERED: 1,840
BBLs LEFT TO RECOVER: 6,333

5/17/2008
SUPERVISOR: BJ BRAITHWAITE
7:00 - 33 A 7 AM FLBK REPORT: CP 1500#, TP 600#, 20/64" CK, 25 BWPH,
TRACE SAND, LIGHT GAS
TTL BBLs RECOVERED: 2,865
BBLs LEFT TO RECOVER: 6,333

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:
U-01197-A-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
UNIT #891008900A

8. WELL NAME and NUMBER:
NBU 1022-11F

9. API NUMBER:
4304735314

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SEW 11 10S 22E

12. COUNTY
UINTAH

13. STATE
UTAH

14. DATE SPUDDED: **8/16/2004**

15. DATE T.D. REACHED: **10/11/2004**

16. DATE COMPLETED: **5/18/2008**

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5080'GL

18. TOTAL DEPTH: MD **8,295** TVD

19. PLUG BACK T.D.: MD **8,170** 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)

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 H-40	32.3# 36#		1,960		500			
7 7/8"	4 1/2 I-80	11.6#		8,295		1445			

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"	6,609							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	5,625	5,824			5,625 5,824	0.36	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	6,388	6,924			6,388 6,924	0.36	40	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
5625'-5824'	PMP 2462 BBLs SLICK H2O & 102,317# 30/50 SD
6388'-6924'	PMP 5363 BBLs SLICK H2O & 195,220# 30/50 SD

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

PROD

RECEIVED

JUN 09 2008

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/18/2008		TEST DATE: 5/23/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,085	WATER – BBL: 200	PROD. METHOD: FLOWING
CHOKE SIZE: 22/64	TBG. PRESS. 379	CSG. PRESS. 681	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 1,085	WATER – BBL: 280	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)
WASATCH	4,089	6,504			
MESAVERDE	6,504				

35. ADDITIONAL REMARKS (Include plugging procedure)

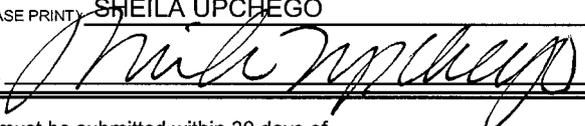
SQUEEZE AT 6633'-64' PMP 67.6 BBLS CMT AT 1.8 BPM 260 SX 50/50 POZ + ADDS TO 13.4# DISP W/26.3 BBLS

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 SENIOR LAND ADMIN SPECIALIST

SIGNATURE



DATE 6/3/2008

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
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940

UTAH DIVISION OF OIL, GAS AND MINING
NOTICE OF REPORTING PROBLEMS

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: No Subsequent Report

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

43 047 35314
 NBU 1022-11F
 IOS 22E 11

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input checked="" type="checkbox"/> Other <u>Subsequent Sundry</u>	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Operator has submitted sundry of intents on the following wells that have been approved by DOGM. Per Rule 649-3-23, a subsequent report shall be submitted on Form 9, Sundry Notice, with in 30 days after completion. The report should show workover results, well status, work completion date, new perforation depths, etc.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File
 RAM
 Well File
 CHD

UTAH DIVISION OF OIL, GAS AND MINING
NOTICE OF REPORTING PROBLEMS

ATTACHMENT

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Well Names	API Numbers	Drilling Commenced
Cige 240	4304733207	
Tribal 31-98	4304733375	
NBU 17-18B	4304730317	
Southman Cyn 31-1-L	4304732543	
Cige 283	4304734790	
NBU 142	4304732013	
Cige 54D	4304730851	
Cige 8	4304730427	
Cige 62D	4304730885	
Cige 153	4304732067	
Cige 186	4304732590	
Cige 193	4304732973	
Bonanza 10-23-7D	4304735393	
NBU Cige 6-19-9-21	4304730356	
Cige 116	4304731919	
Cige 174	4304732323	
Cige 260	4304734368	
Love U 1121-10G	4304735557	
Lizzard 1122-210	4304736045	
NBU 116	4304731925	
NBU 1022-11F	4304735314	
NBU 270	4304732862	
Canyon Federal 1-9	4304730378	
NBU 921-34J	4304737953	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-01197-A-ST
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-11F
------------------------------------	---

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047353140000
---	---

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

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889 FNL 1475 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 11 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/19/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE SUBJECT WELL RETURNED TO PRODUCTION ON 3/19/2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 30, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 3/30/2010

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: U-01197-A-ST
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 1022-11F	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047353140000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1889 FNL 1475 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 11 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/16/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator requests authorization to temporarily abandon the subject well location. The operator proposes to temporarily abandon the well to drill the NBU 1022-11F Pad, which consists of the following wells: NBU 1022-11D1CS, NBU 1022-11C2CS, NBU 1022-11C3DS and NBU 1022-11F2DS. Please see attached procedure. Thank you.</p>		
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/16/2011	

Well Name: NBU 1022-11F
Surface Location: SENW Sec. 11, T10S, R22E
 Uintah County, UT

11/15/2011

API: 43043735314 **LEASE#:** U-01197-A-ST

ELEVATIONS: 5080' GL 5095' KB

TOTAL DEPTH: 8170' **PBTD:** 8295'

SURFACE CASING: 9 5/8", 32.3# H-40 @ 1960'

PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8295'
 TOC @ 3130' per CBL

PERFORATIONS: WASATCH 5625' – 5824'
 MESAVERDE 6388' – 8251'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 32.3# H-40	8.845	1400	2270	3.3055	0.4418	0.0787
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01
4.5" csg X 9 5/8" 32.3# csg				2.478	0.3314	0.059
4.5" csg X 7.875 borehole				1.704	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3428	0.3132	0.0558
9 .625" csg X 14" csg				3.4852	0.4659	0.083
14" csg X 20" borehole				8.3232	1.1126	0.1982

GEOLOGICAL TOPS:

4089' Wasatch
 6504' Mesaverde

Tech. Pub. #92 Base of USDW's

USDW Elevation ~900' MSL
 USDW Depth ~4195' KBE

Recommended future action for disposition of well bore:

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 1022-11F pad wells. Return to production as soon as possible once completions are done.

NBU 1022-11FTEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM/BLM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx Class "G" cement needed for procedure

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. **PLUG #1, ISOLATE MV PERFORATIONS (5625' – 8251')**: RIH W/ 4 ½" CBP. SET @ ~5580'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 8.7 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~5480'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4089')**: PUH TO ~4190'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~3980' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 11/15/2011