

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-22974	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: NBU	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.		9. WELL NAME and NUMBER: NBU 1022-20N	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7060	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1131' FSL 2368' FWL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 22.1 MILES SOUTHEAST OF OURAY, UTAH		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1131'	16. NUMBER OF ACRES IN LEASE: 320	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: 8,625	20. BOND DESCRIPTION: RLB0005238	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5297.1' GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: TO BE DETERMINED	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
14"		40				
12 1/4"	9 5/8" H-40 32.3#	1,900	PREM CMT	265 SX	1.18	15.6
7 7/8"	4 1/2" I-80 11.6#	8,625	PREM LITE II	390 SX	3.38	11
			50/50 POZ G	1370 SX	1.31	14.3

25. **ATTACHMENTS**

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

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

NAME (PLEASE PRINT) DEBRA DOMENICI TITLE ASSOC. ENVIRONMENTAL ANALYST

SIGNATURE *Debra Domenici* DATE 9/29/2005

(This space for State use only)

API NUMBER ASSIGNED: 43047-37219

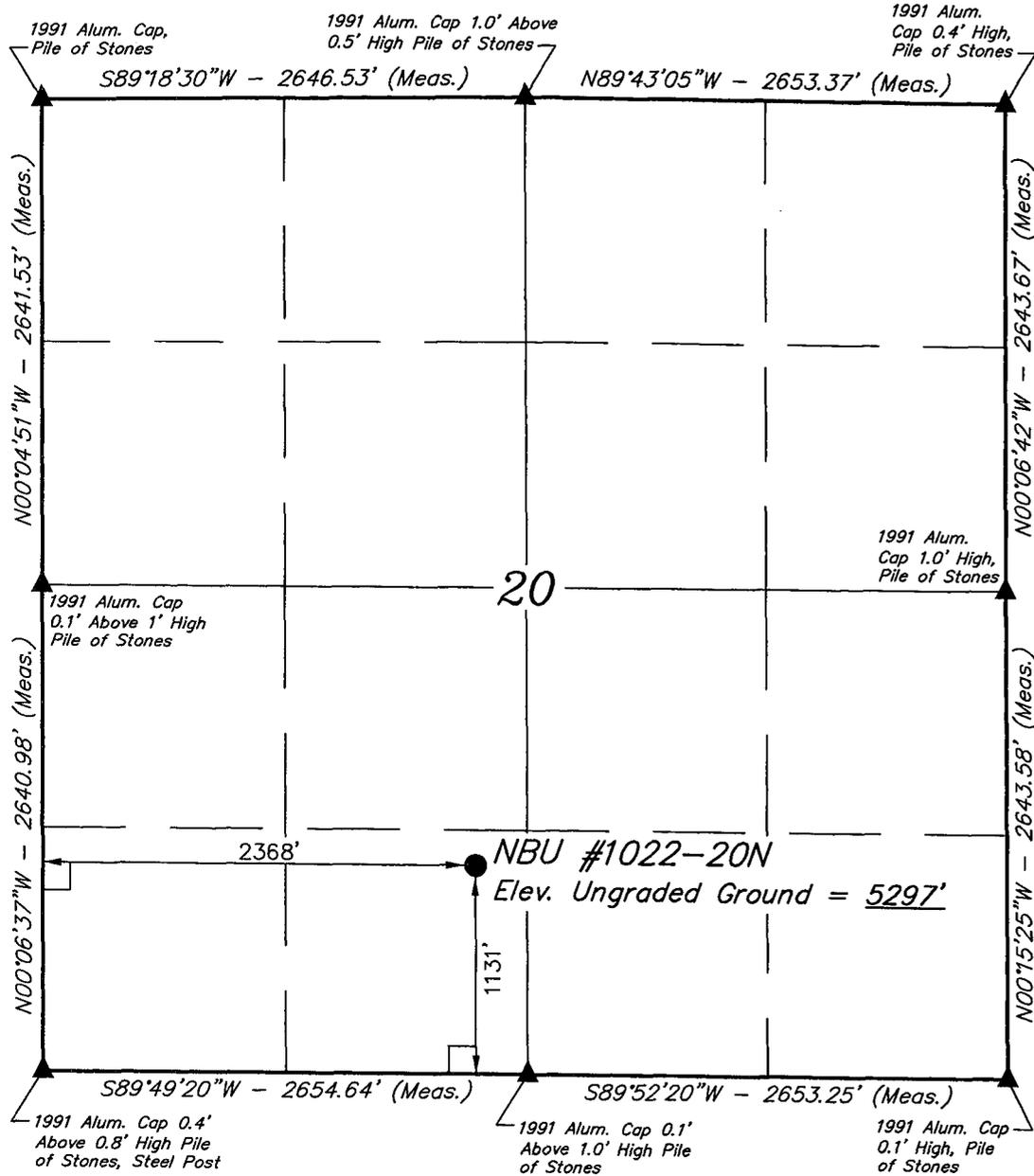
**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 12-20-05

(See Instructions on Back of Form)

RECEIVED
OCT 03 2005
DIV. OF OIL, GAS & MINING

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



LEGEND:

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

(NAD 83)
 LATITUDE = 39°55'49.02" (39.930283)
 LONGITUDE = 109°27'52.51" (109.464586)

(NAD 27)
 LATITUDE = 39°55'49.14" (39.930317)
 LONGITUDE = 109°27'50.05" (109.463903)

WESTPORT OIL AND GAS COMPANY, L.P.

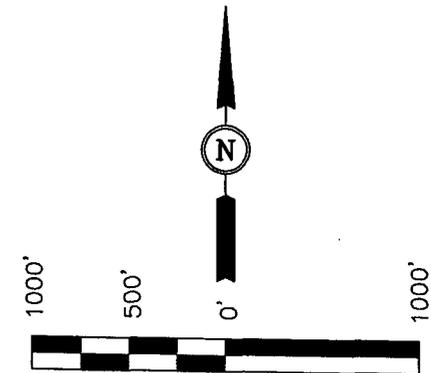
Well location, NBU #1022-20N, located as shown in the SE 1/4 SW 1/4 of Section 20, T10S, R22E, S.L.B.&M. Uintah County, Utah.

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 OF REGISTERED LAND SURVEYOR

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.

[Signature]

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1813
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 08-15-05	DATE DRAWN: 08-30-05
PARTY D.K. L.K. L.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

NBU 1022-20N
SESW SEC 20-T10S-R22E
UINTAH COUNTY, UTAH
ML-22974

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1100'
Wasatch	4250'
Mesaverde	6725'
TD	8625'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1100'
Gas	Wasatch	4250'
Gas	Mesaverde	6725'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8625' TD, approximately equals 3450 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1552.5 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. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 1900	32.30	H-40	STC	2270	1370	254000
						0.76*****	1.66	4.73
PRODUCTION	4-1/2"	0 to 8625	11.60	M-80 or I-80	LTC	7780	6350	201000
						2.60	1.30	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 = 10.9 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 2991 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 Option 1	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
NOTE: If well will circulate water to surface, option 2 will be utilized							
SURFACE Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,745'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,880'	50/50 Poz/G + 10% salt + 2% gel	1370	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

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

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 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.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
 Brad Laney

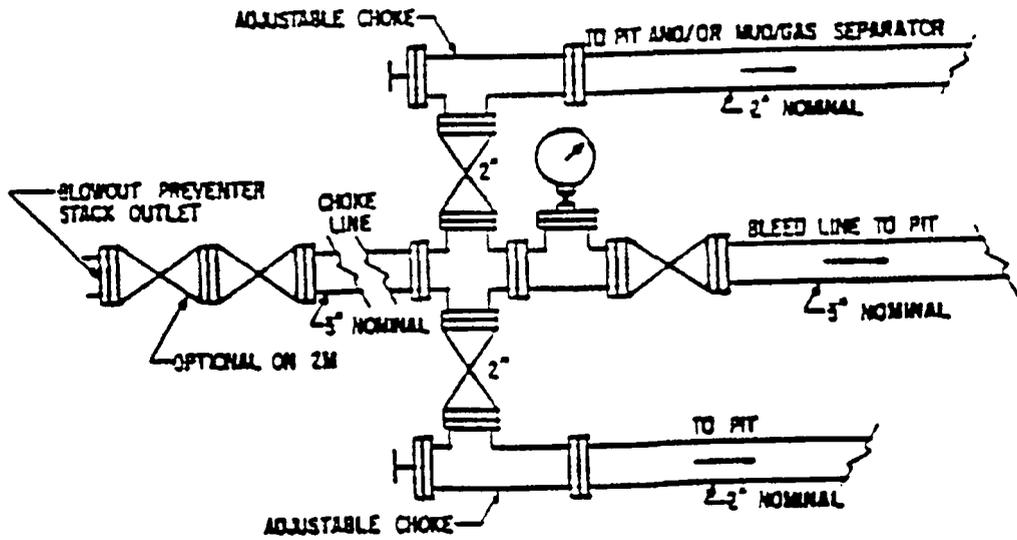
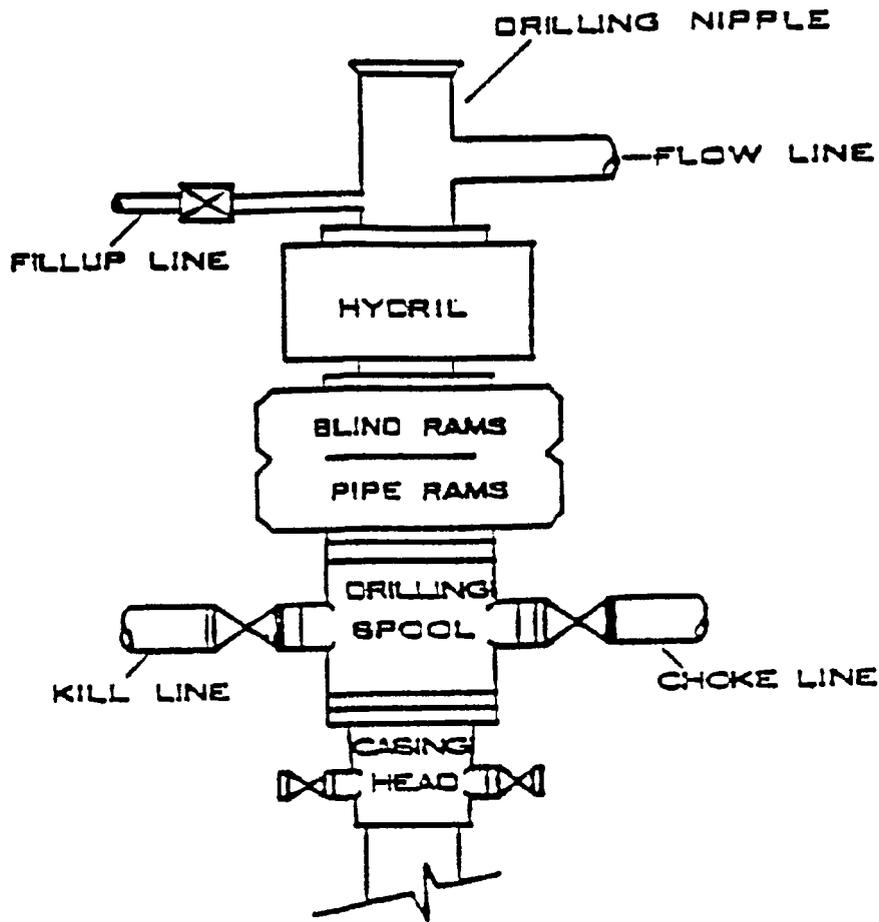
DATE: _____

DRILLING SUPERINTENDENT: _____
 Randy Bayne NBU1022-20N_APD.xls

DATE: _____

3,000 PSI

BOP STACK



NBU 1022-20N
SESW SEC 20-T10S-R22E
Uintah County, UT
ML-22974

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.

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:

Approximately 0.2 miles of new access road is proposed. 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. Appropriate water control will be installed to control erosion.

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

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.

Approximately 895' of pipeline is proposed. 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.

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

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

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

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

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

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

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

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

8. Ancillary Facilities

None are anticipated.

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

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

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

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

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

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

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

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

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

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

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

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

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

Producing Location:

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

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

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

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

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

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

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

Dry Hole/Abandoned Location:

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

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

11. **Surface 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 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:**

Debra Domenici
Associate Environmental Analyst
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

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

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

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.


Debra Domenici

9/29/2005
Date

WESTPORT OIL AND GAS COMPANY, L.P.
NBU #1022-20N
SECTION 20, 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 ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.1 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20N

LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T10S, R22E, S.L.B.&M.

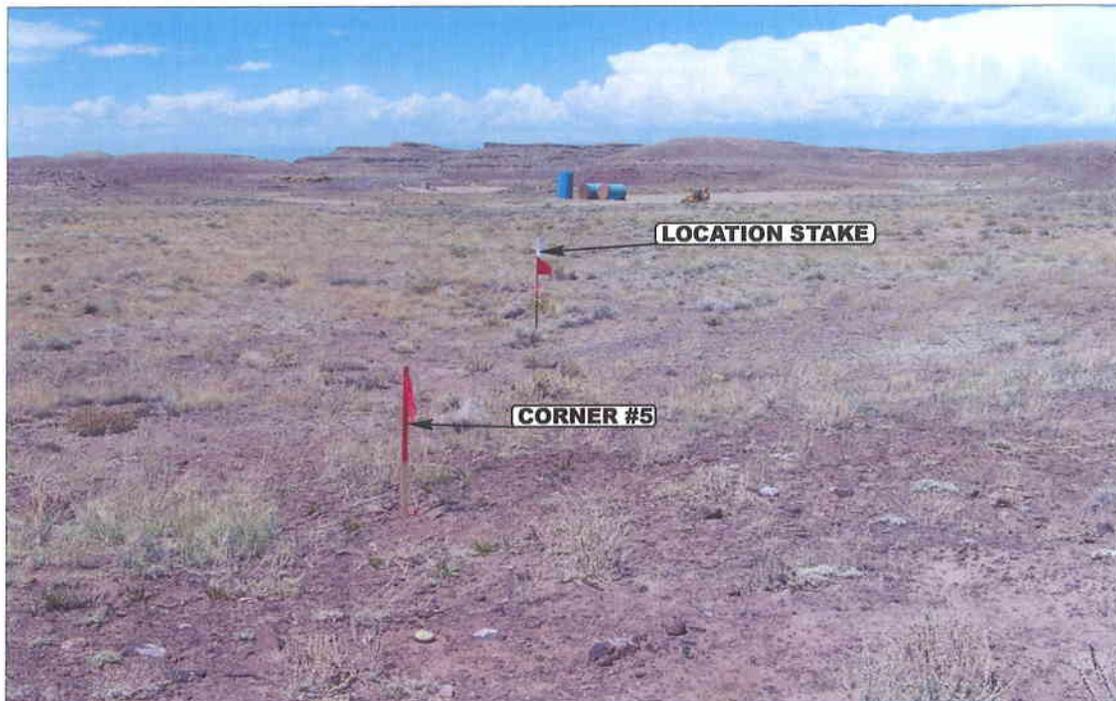


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

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

LOCATION PHOTOS

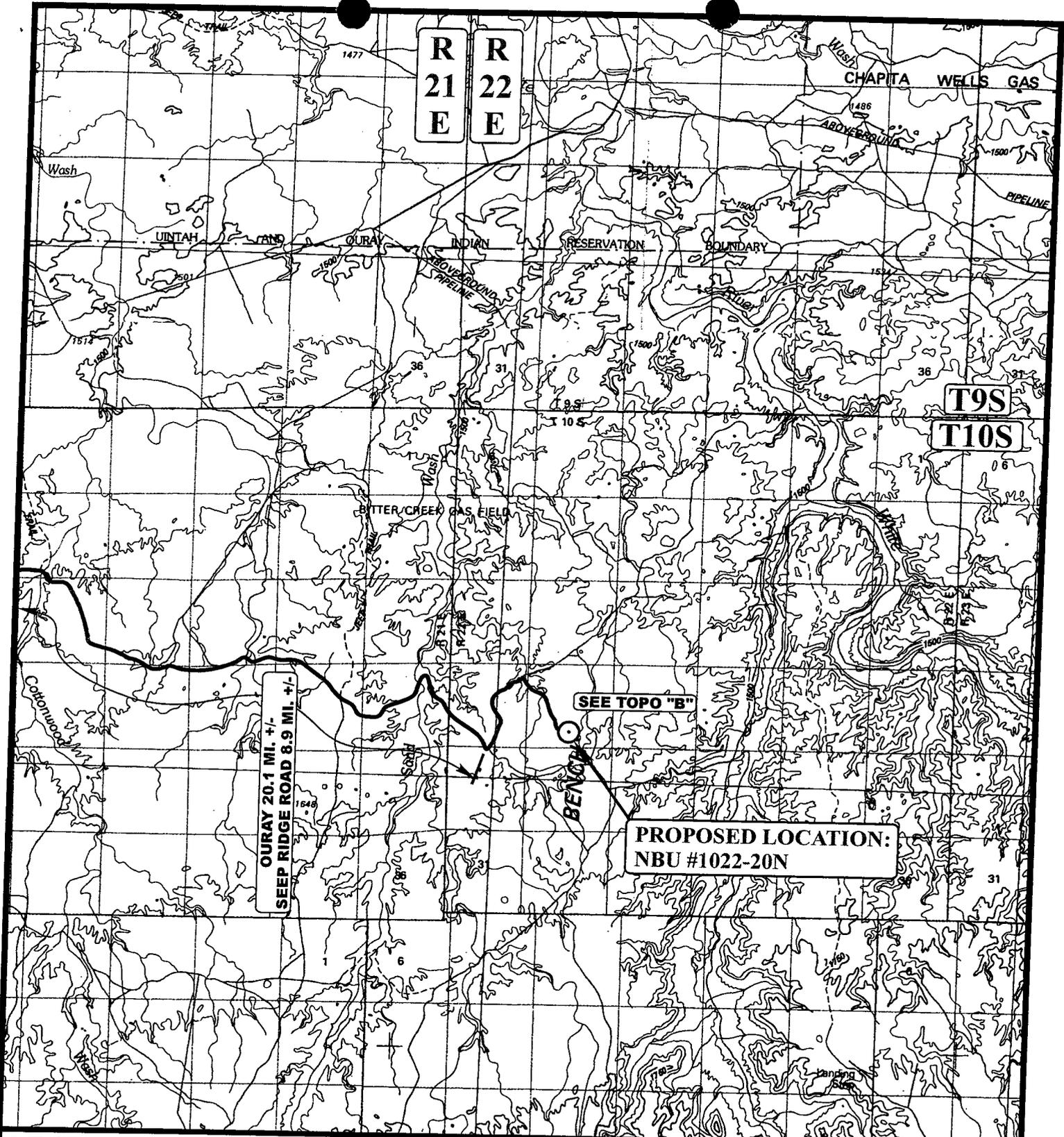
08 26 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



R
21
E

R
22
E

T9S
T10S

OURAY 20.1 MI. +/-
SLEEP RIDGE ROAD 8.9 MI. +/-

SEE TOPO "B"

PROPOSED LOCATION:
NBU #1022-20N

LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20N

SECTION 20, T10S, R22E, S.L.B.&M.

1131' FSL 2368' FWL



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

TOPOGRAPHIC
MAP

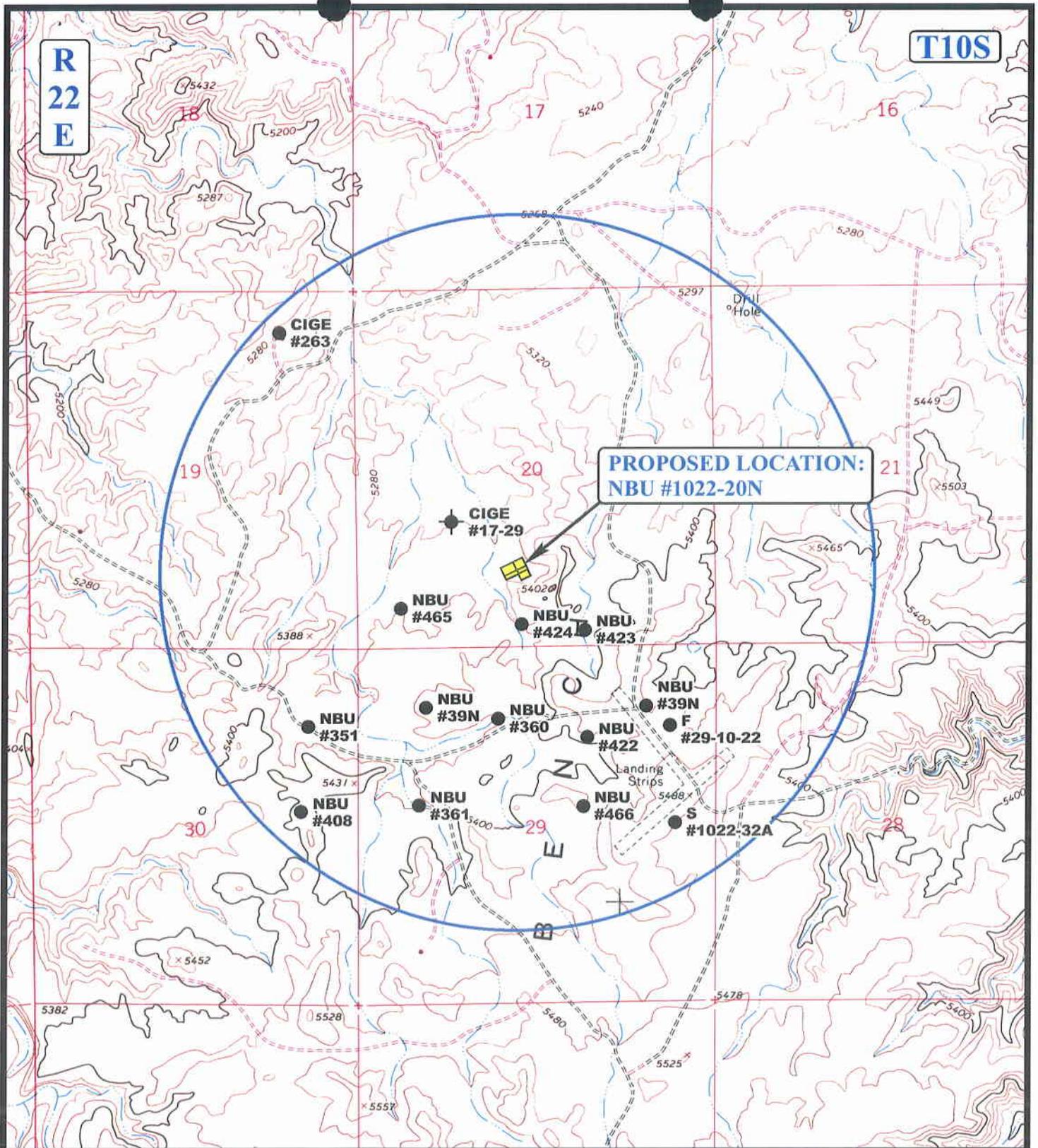
08	26	05
MONTH	DAY	YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





**PROPOSED LOCATION:
NBU #1022-20N**

LEGEND:

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



WESTPORT OIL AND GAS COMPANY, L.P.

**NBU #1022-20N
SECTION 20, T10S, R22E, S.L.B.&M.
1131' FSL 2368' FWL**



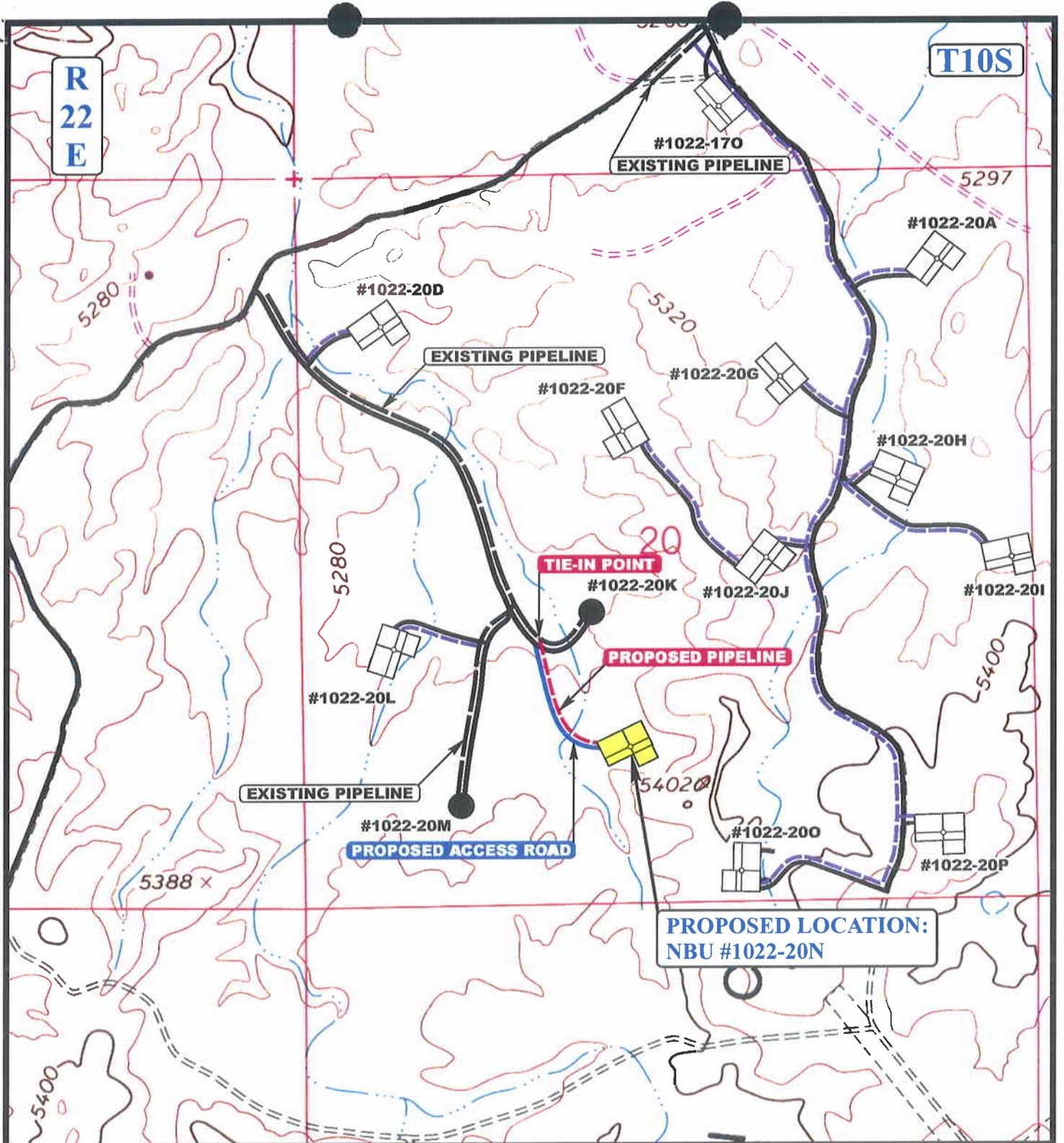
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP

08 26 05
MONTH DAY YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 895' +/-

LEGEND:

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



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20N
SECTION 20, T10S, R22E, S.L.B.&M.
1131' FSL 2368' FWL



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

TOPOGRAPHIC MAP 08 26 05
 MONTH DAY YEAR

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



WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-20N

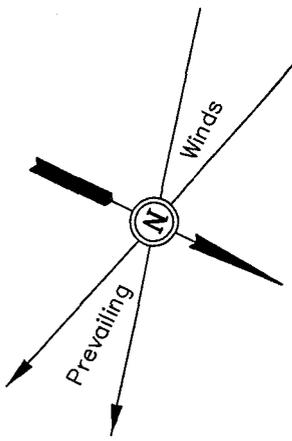
SECTION 20, T10S, R22E, S.L.B.&M.

C-2.7' 1131' FSL 2368' FWL
El. 299.5'

Install CMP
as Needed

CONSTRUCT
DIVERSION
DITCH

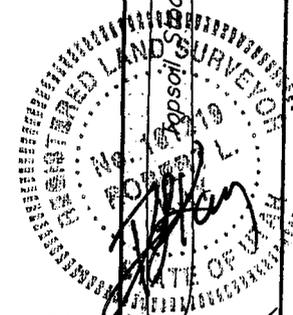
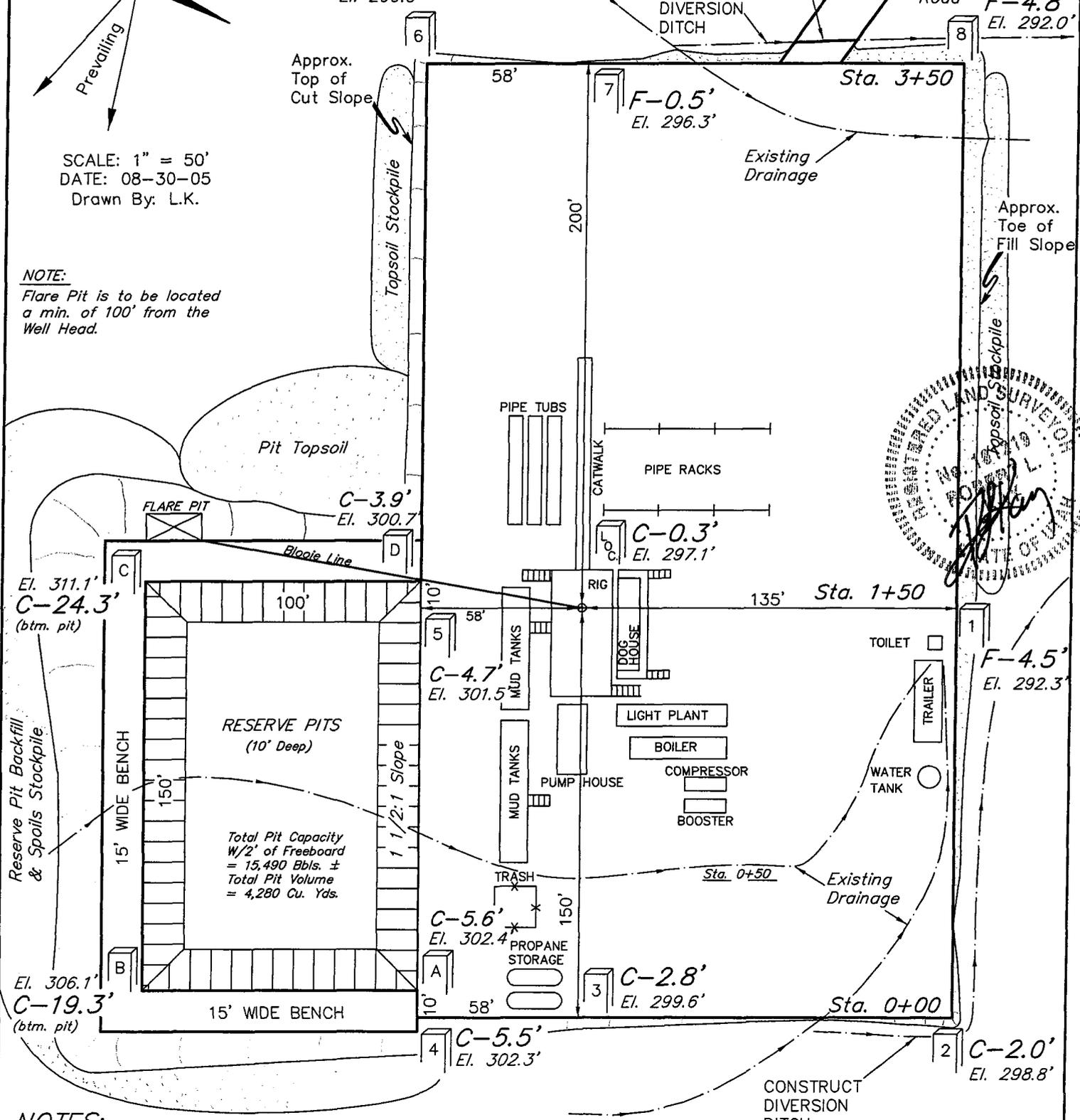
Proposed Access
Road F-4.8'
El. 292.0'



SCALE: 1" = 50'
DATE: 08-30-05
Drawn By: L.K.

NOTE:

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5297.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5296.8'

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

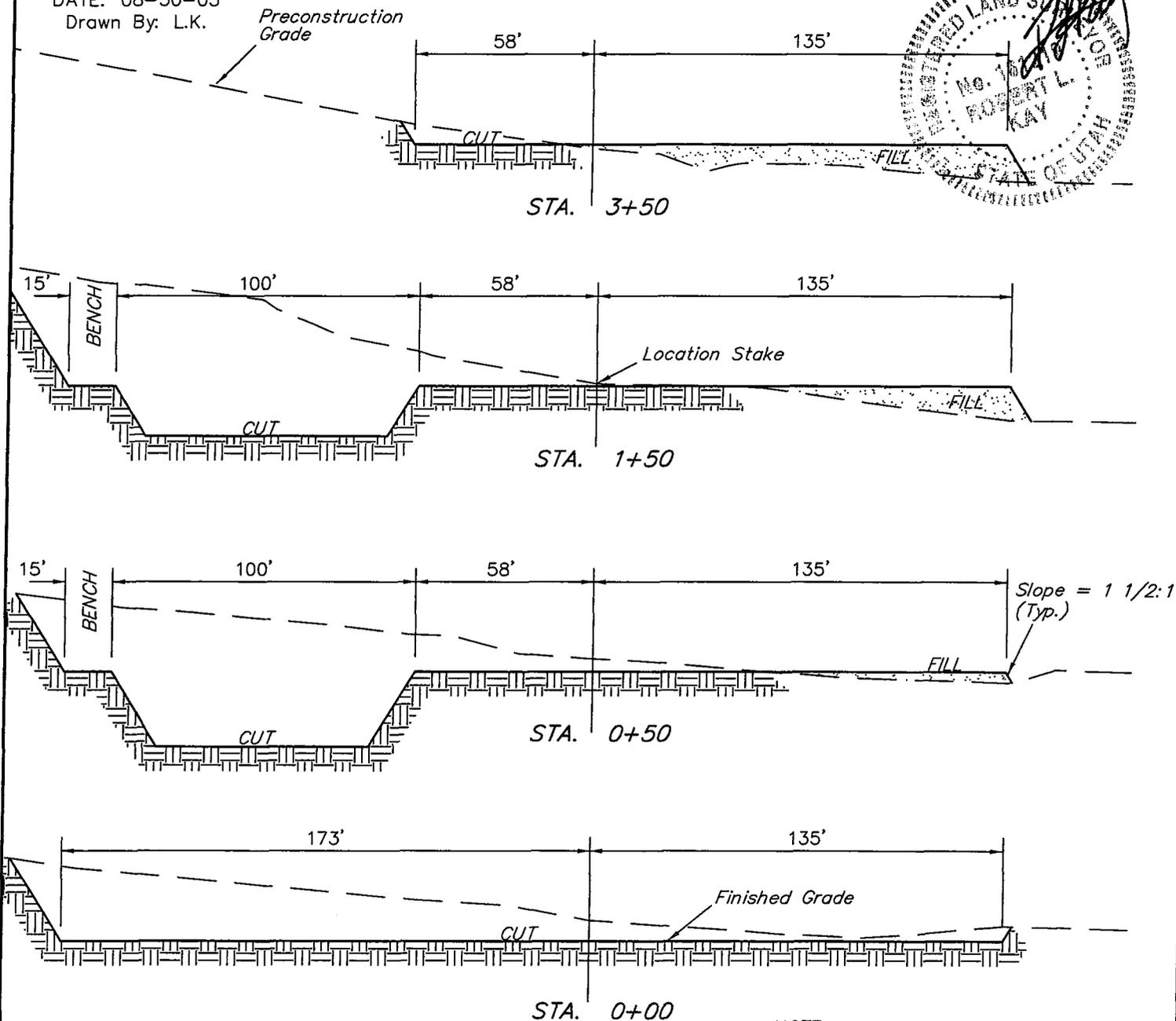
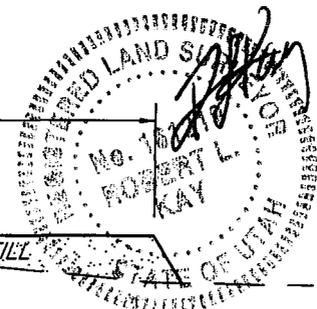
NBU #1022-20N

SECTION 20, T10S, R22E, S.L.B.&M.

1131' FSL 2368' FWL

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

DATE: 08-30-05
Drawn By: L.K.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,900 Cu. Yds.
Remaining Location	= 13,360 Cu. Yds.
TOTAL CUT	= 15,260 CU.YDS.
FILL	= 3,890 CU.YDS.

EXCESS MATERIAL	= 11,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,040 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 7,330 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/03/2005

API NO. ASSIGNED: 43-047-37219

WELL NAME: NBU 1022-20N
 OPERATOR: WESTPORT OIL & GAS CO (N2115)
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SESW 20 100S 220E
 SURFACE: 1131 FSL 2368 FWL
 BOTTOM: 1131 FSL 2368 FWL
 UINTAH
 NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	10/24/05
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-22974
 SURFACE OWNER: 3 - State
 PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

LATITUDE: 39.93017
 LONGITUDE: -109.4638

RECEIVED AND/OR REVIEWED:

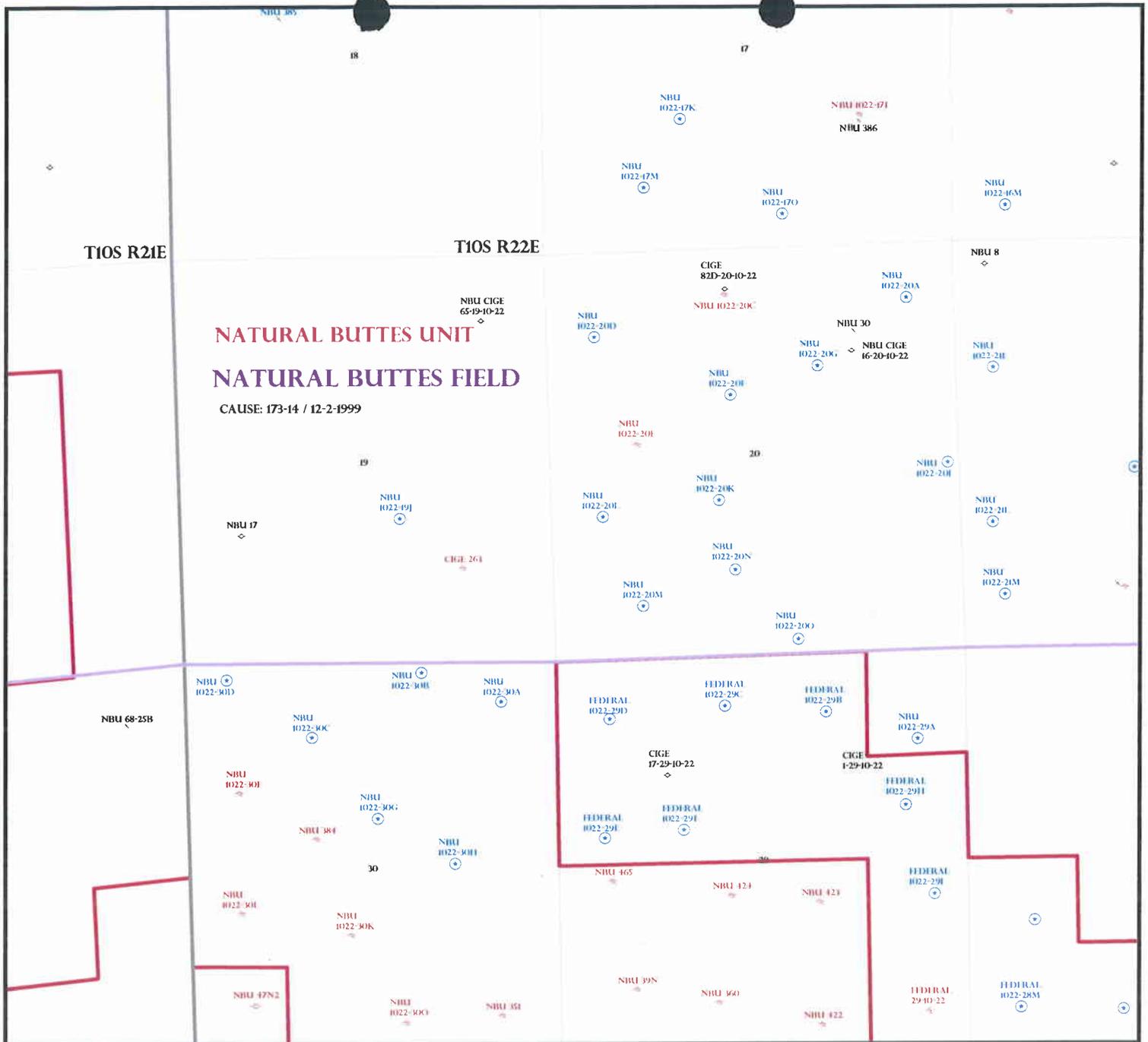
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0005236)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit NATURAL BUTTES
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 123-14
Eff Date: 12-2-99
Siting: 460' fr u bdr & uncom. Tract
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (10-12-05)

STIPULATIONS: 1- OIL SHALE
2- STATEMENT OF BASIS



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

OPERATOR: WESTPORT O&G CO (N2115)

SEC: 19,20 T. 10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: Uintah

CAUSE: 173-14 / 12-2-1999

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

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

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 04-OCTOBER-2005

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

OPERATOR: Westport Oil & Gas Company, L.P.
WELL NAME & NUMBER: NBU 1022-20N
API NUMBER: 43-047-37219
LOCATION: 1/4,1/4 SE/SW Sec: 20 TWP: 10S RNG: 22 E 1131' FSL 2368' FWL

Geology/Ground Water:

Westport proposes to set 1,900' 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 5,000'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of section 20 . This well is approximately 1.5 miles from the proposed location and produces from a depth of 1850'. The well is owned by the BLM and its use is listed as stock watering. 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:** 10/18/05

Surface:

The pre-drill investigation of the surface was performed on 10/12/2005. The site is State surface and State Mineral. The proposed location poses no obvious problems for drilling and appears to be the best location for drilling a well in the immediate area. Ed Bonner, Jim Davis and Lavonne Garrison of SITLA and Ben Williams of UDWR were invited to attend the presite on October 5, 2005. Mr. Williams attended and had no concerns relative to wildlife from drilling the well. Mr. Williams gave Mr. Estes a DWR recommended seed mix to use on the reserve pit and when closing the location.

Reviewer: Floyd Bartlett **Date:** 10/14/05

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt sub-liner shall be properly installed and maintained in the reserve pit.

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

OPERATOR: Westport Oil & Gas Company, L.P.
WELL NAME & NUMBER: NBU 1022-20N
API NUMBER: 43-047-37219
LEASE: ML-22974 **FIELD/UNIT:** Natural Buttes
LOCATION: 1/4,1/4 SE/SW Sec: 20TWP: 10S RNG: 22 E 1131' FSL 2368' FWL
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 4420927 Y 0631268 X **SURFACE OWNER:** State of Utah (SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Carol Estes, Clay Einerson and Debra Domenici (Westport), Ben Williams (UDWR), Brandon Bowthorpe (Uintah Engineering & Land Survey).

REGIONAL/SETTING TOPOGRAPHY

The general location is in the East Bench area approximately 22.1 miles south east of Ouray, Utah. Cottonwood Wash is approximately two miles to the west while Bitter Creek is about the same distance to the east. The site is in a gentle sloping cove surrounded by small ridges. Ridges have some exposed sandstone ledges. The topography is moderately sloping to the south. A diversion ditch will be constructed directing any flow around the northeast side of the location. Access to the area is by Uintah County and oil field access roads. Approximately 0.2 miles new road will be required.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 350'x 193' and a reserve pit of 100' x 150' with an additional 15' wide bench. Approximately 0.2 miles of new road will be required. A 1,131' pipeline will be laid adjacent to the road. All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached map from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS?

(EXPLAIN). Unlikely, as the general use in the area is oil-field related with numerous other wells in the surrounding area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Cheat grass, Gardner saltbrush, snake broom weed, shadscale, prickly pear. Antelope, rabbits, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Moderately deep medium brown sandy loam. Some fractured surface rock or pavement.

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. A diversion ditch directing any flow around the northeast side of the location will intercept a small drainage.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 100' by 150' and 10'deep. The reserve pit is all within cut. A 15' wide bench is planned around the outer edges and 2' of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level 1 sensitivity. A 16-mil liner with a felt pad will be required for the reserve pit. Westport stated they use, as a minimum standard, a 20-mil liner with a felt sub-liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Surveyed on 8-21-2005 by MOAC. Report has been submitted to SITLA.

OTHER OBSERVATIONS/COMMENTS

Ben Williams of the UDWR stated that the area is classified as critical yearlong antelope range, however he did not recommend any stipulations,

as water is the limiting factor affecting the population not forage. No other wildlife is expected to be affected.
This predrill investigation was conducted on a sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

10/12/2005; 11:30 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>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	
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>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15	
	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	<u>25</u>	<u>(Level I Sensitivity)</u>

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level I = 15-19; lining is discretionary.

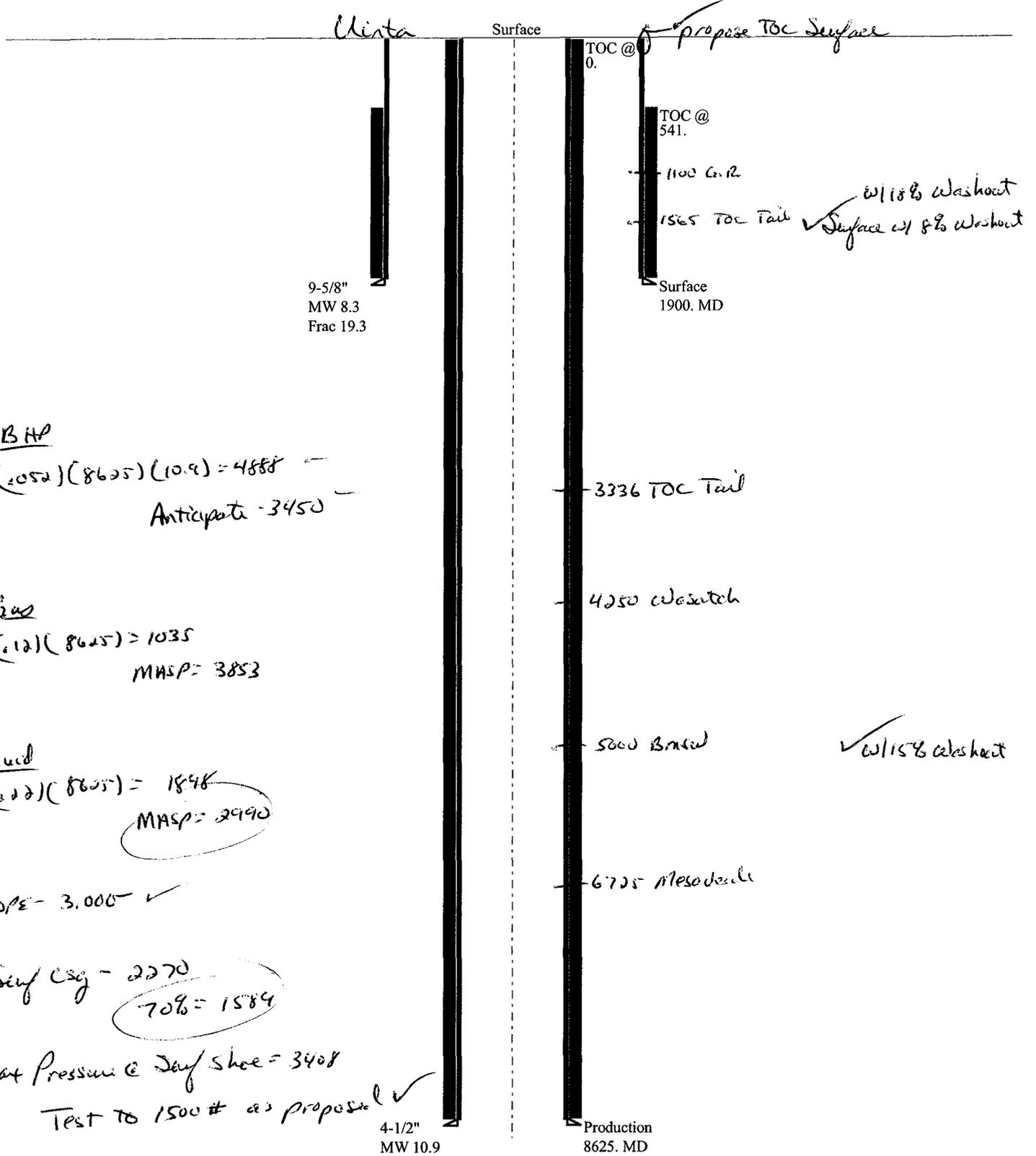
Sensitivity Level II = below 15; no specific lining is required.





10-05 Westport NBU 1022-20N

Casing Schematic



9-5/8"
MW 8.3
Frac 19.3

TOC @ 0
TOC @ 541
1100 G. 12
1565 TOC Tail
Surface
1900. MD

3336 TOC Tail
4250 Washcoat
5800 Brass
6725 Mesodent
Production
8625. MD

BHP

$(2052)(8625)(10.9) = 4888$

Anticipate - 3450

Gas

$(12)(8625) = 1035$

MASP = 3853

fluid

$(222)(8625) = 1898$

MASP = 2990

BoPE - 3,000 ✓

Surf Csg - 2270

70% = 1589

Max Pressure @ Surf shoe = 3408

Test to 1500# as proposed ✓

4-1/2"
MW 10.9

✓ Adequate DWD 10/24/05

propose TOC Surface
w/ 18% washcoat
Surface w/ 8% washcoat

✓ w/ 15% cement

Well name:	10-05 Westport NBU 1022-20N		
Operator:	Westport Oil & Gas	Project ID:	43-047-37219
String type:	Surface		
Location:	Uintah County, Utah		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 1,071 psi
 Internal gradient: 0.436 psi/ft
 Calculated BHP: 1,900 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 1,668 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 92 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 299 ft

Cement top: 542 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,625 ft
 Next mud weight: 10.900 ppg
 Next setting BHP: 4,884 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,900 ft
 Injection pressure: 1,900 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	1900	9.625	32.30	H-40	ST&C	1900	1900	8.876	120.4
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	819	1370	1.672	1900	2270	1.19	61	254	4.14 J

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

Phone: (801) 538-5281
 FAX: (801)359-3940

Date: October 19,2005
 Salt Lake City, Utah

ENGINEERING STIPULATIONS -
 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:	10-05 Westport NBU 1022-20N	
Operator:	Westport Oil & Gas	Project ID:
String type:	Production	43-047-37219
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 10.900 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,120 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 4,884 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 7,220 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 186 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

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	8625	4.5	11.60	M-80	LT&C	8625	8625	3.875	199.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4884	6350	1.300	4884	7780	1.59	100	267	2.67 B

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

Phone: (801) 538-5281
FAX: (801)359-3940

Date: October 19,2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS -
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 4, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 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 2005 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ Wasatch-MesaVerde)

43-047-37218 NBU 1022-19J Sec 19 T10S R22E 1891 FSL 1969 FEL
43-047-37219 NBU 1022-20N Sec 20 T10S R22E 1131 FSL 2368 FWL
43-047-37220 NBU 1022-20L Sec 20 T10S R22E 1861 FSL 0669 FWL
43-047-37221 NBU 1022-20F Sec 20 T10S R22E 1867 FNL 2350 FWL
43-047-37222 NBU 1022-20D Sec 20 T10S R22E 1078 FNL 0606 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
Central Files
Agr. Sec. Chron

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE BELOW QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: MULTIPLE WELLS
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 43-047-37219
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 checked="" 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 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 CHANGE THE PIPELINE STATUS. THE OPERATOR WILL ADD ADDITIONAL 6" PIPELINE TO FOLLOW THE EXISTING ROAD FROM THE JUNCTION IN SECTION 20-T10S-R22E, TO SERVICE THE NBU 1022-20N SESW AND THE NBU 1022-20K NESW IN SECTION 20; THE 6" PIPELINE WILL TIE INTO THE MAIN ROAD.

PLEASE REFER TO THE ATTACHED TOPO D MAP.

NBU 1022-20N SESW SECTION 20-T10S-R22E API: NOT YET APPROVED; LEASE#: ML-22974. 43-047-37219
NBU 1022-20K NESW SECTION 20-T10S-R22E API:4304735895; LEASE #: ML-22974.

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

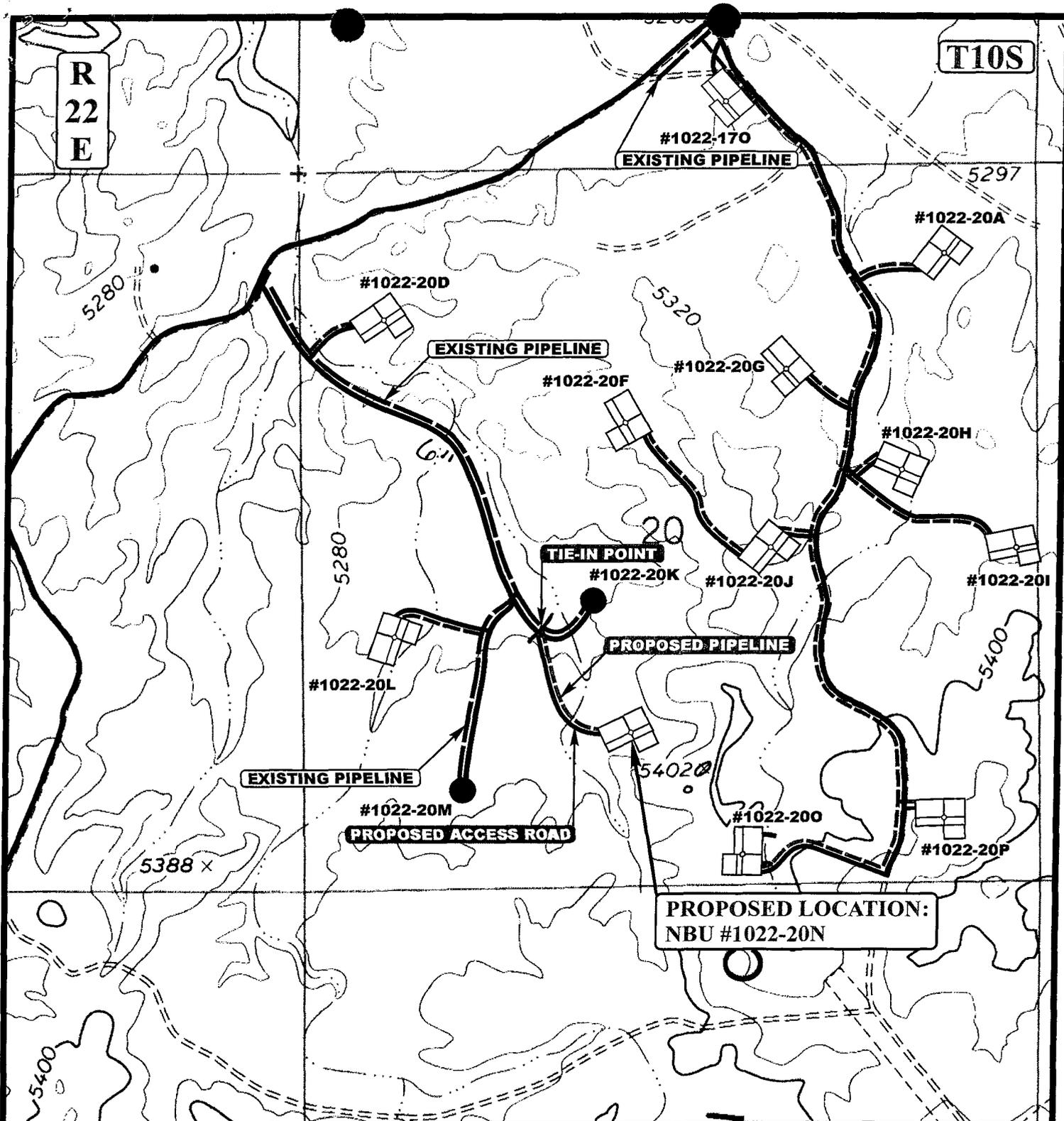
Date: 10-25-05
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 11-3-05
Initials: CHD

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE <i>[Signature]</i>	DATE 10/17/2005

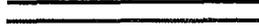
(This space for State use only)

RECEIVED
OCT 24 2005
DIV. OF OIL, GAS & MINING



APPROXIMATE TOTAL PIPELINE DISTANCE = 895' +/-

LEGEND:

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

N



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20N

SECTION 20, T10S, R22E, S.L.B.&M.

1131' FSL 2368' FWL



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

TOPOGRAPHIC MAP 08 26 05
MONTH DAY YEAR

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

D
 TOPO

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: ML-22974
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: MULTIPLE WELLS
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE BELOW		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input checked="" 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 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 CHANGE THE PIPELINE STATUS. THE OPERATOR WILL ADD ADDITIONAL 6" PIPELINE TO FOLLOW THE EXISTING ROAD FROM THE JUNCTION IN SECTION 20-T10S-R22E, TO SERVICE THE NBU 1022-20N SESW AND THE NBU 1022-20K NESW IN SECTION 20; THE 6" PIPELINE WILL TIE INTO THE MAIN ROAD.

PLEASE REFER TO THE ATTACHED TOPO D MAP.

NBU 1022-20N SESW SECTION 20-T10S-R22E API: NOT YET APPROVED; LEASE#: ML-22974. **43-047-37219**
 NBU 1022-20K NESW SECTION 20-T10S-R22E API:4304735895; LEASE #: ML-22974.

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

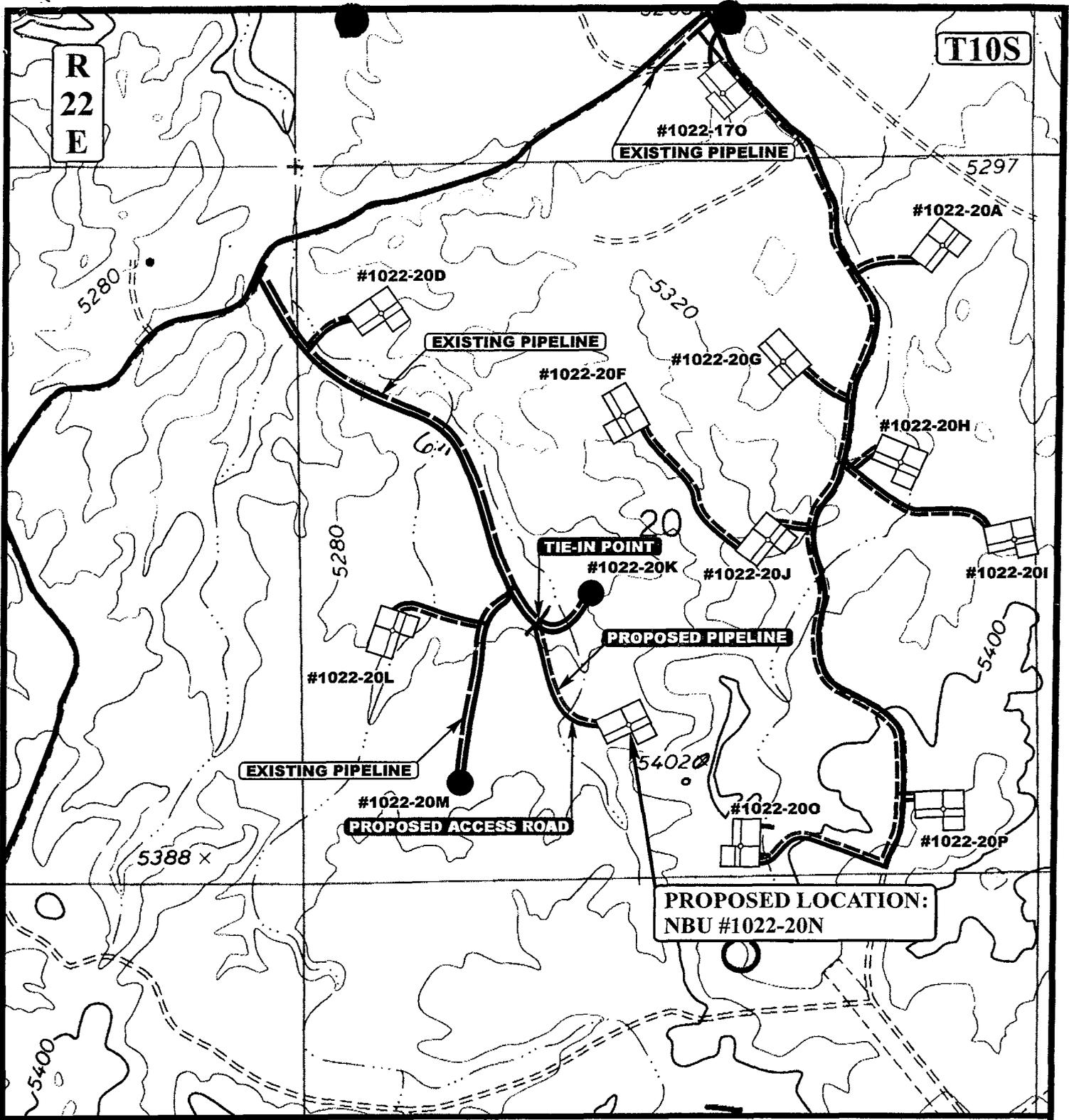
Date: 10-25-05
 By: [Signature]

COPY SENT TO OPERATOR
 Date: 11-3-05
 Initials: CMO

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE <u>[Signature]</u>	DATE 10/17/2005

(This space for State use only)

RECEIVED
OCT 24 2005



APPROXIMATE TOTAL PIPELINE DISTANCE = 895' +/-

LEGEND:

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

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20N
 SECTION 20, T10S, R22E, S.L.B.&M.
 1131' FSL 2368' FWL



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

TOPOGRAPHIC MAP 08 26 05
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



From: Ed Bonner
To: Whitney, Diana
Date: 12/20/2005 9:54:05 AM
Subject: Well Clearance

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

Enduring Resources, LLC
Big Pack 12-21-11-2
Big Pack 12-21-13-2
Big Pack 12-21-24-2

EOG Resources, Inc
Chapita Wells Unit 695-32

The Houston Exploration Company
North Walker Hollow 2-32-6-23
North Walker Hollow 8-32-6-23
North Walker Hollow 10-32-6-23
North Walker Hollow 12-32-6-23
North Walker Hollow 16-32-6-23
North Horseshoe 12-7-6-22
North Horseshoe 16-9-6-22
North Horseshoe 14-10-6-22
North Horseshoe 2-15-6-22
North Horseshoe 4-15-6-22

Westport Oil & Gas Company
NBU 1022-20N
NBU 1022-20L
NBU 1022-20F
NBU 1022-20D

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

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 20, 2005

Westport Oil & Gas Company LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-20N Well, 1131' FSL, 2368' FWL, SE SW, Sec. 20,
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 43-047-37219.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Westport Oil & Gas Company LP
Well Name & Number Natural Buttes Unit 1022-20N
API Number: 43-047-37219
Lease: ML-22974

Location: SE SW **Sec.** 20 **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. **Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

Page 2

43-047-37219

December 20, 2005

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

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
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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
- 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

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.

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 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 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

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5116106
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

DIV. OF OIL, GAS & MINING

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

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MUTIPLE WELLS

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

9. API Well No.

3a. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078**
3b. Phone No. (include area code) **(435) 781-7024**

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State
UINTAH COUNTY, UTAH

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
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			<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 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.

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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-MCGEE OIL & GAS ONSHORE LP

Well Name: NBU 1022-20N

Api No: 43-047-37219 Lease Type: STATE

Section 20 Township 10S Range 22E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # 1

SPUDDED:

Date 06/29/06

Time 6:00 PM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 06/30/2006 Signed CHD

OPERATOR KERR-MCGEE OIL & GAS ONSHORE LP
 ADDRESS 1368 SOUTH 1200 EAST
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N N2995

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	4304737219	NBU 1022-20N	SRSW	20	10S	22E	UINTAH	6/29/2006	7/6/06

WELL 1 COMMENTS:
 MIRU BUCKET RIG SPUD WELL @ 1800 HRS 6/29/06 *WSMVD*
 SET 40' 14" SCHEDULE 10 PIPE
 BLM & STATE NOTIFIED OF SPUD

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15477	4304736257 4304736254	LOVE 1121-16B	NWNE	16	11S	21E	UINTAH	6/29/2006	7/6/06

WELL 2 COMMENTS:
 MIRU BUCKET RIG SPUD WELL @ 1200 HRS 6/29/06 *mVRD*
 DRILL & SET 40' 14" SCHEDULE 10 PIPE
 BLM & STATE NOTIFIED OF SPUD. *outside unit Boundary*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

Post-It® Fax Note 7671 Date 6/30/06 # of pages 1

To: <u>Erlene RUSSELL</u>	From: <u>Ramen Hoopes</u>
Co./Dept: <u>DDGIM</u>	Co: <u>Kerr-McGee</u>
Phone #: <u>801-538-5336</u>	Phone #: <u>791-7003</u>
Fax #: <u>801-359-3940</u>	Fax #: <u>791-1094</u>

Ramen Hoopes
 Signature

REGULATORY CLERK 06/30/06
 Title Date

Phone No. 435-781-7003

RECEIVED

JUN 30 2006

DIV. OF OIL, GAS & MINING

P. 01
 FAX NO. 4357817094
 JUN-30-2006 FRI 10:18 AM EL PASO PRODUCTION

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well)
 B - Add new well to existing entity (group or unit)
 C - Re-assign well from one existing entity to another
 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 A (3/89)

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: ML-22974	
			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.				
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: KERR MCGEE OIL AND GAS ONSHORE LP			8. WELL NAME and NUMBER: NBU 1022-20N	
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7003	9. API NUMBER: 4304737219	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131' FSL 2368' FWL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: SPUD
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

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

MIRU ROCKY MTN DRILLING- BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX. SPUD WELL @ 1800 HRS, 6/29/06.

NAME (PLEASE PRINT) <u>RAMEY HOOPEES</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE	DATE <u>6/30/2006</u>

(This space for State use only)

RECEIVED
JUL 25 2006
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974A
			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.			
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
2. NAME OF OPERATOR: KERR MCGEE OIL AND GAS ONSHORE LP			8. WELL NAME and NUMBER: NBU 102-20N
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7003	9. API NUMBER: 4304737219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131' FSL 2368' FWL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>SET SURF CSG</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

MIRU BILL JR'S RATHOLE DRILLING ON 7/2/06. DRILLED 12 1/4" SURFACE HOLE TO 1980'. RAN 9 5/8" 47 JTS H-40 32.3#. TAILED CMT W/200 SX PREM CLASS G @ 15.8 PPG 1.15 YIELD. TOP OUT W/75 SX CLASS G @ 15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE AND STAYED AT SURFACE. WORT.

NAME (PLEASE PRINT) <u>RAMEY HOOPES</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE	DATE <u>7/5/2006</u>

(This space for State use only)

RECEIVED
JUL 25 2006

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: ML-22974A
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 1022-20N
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	9. API NUMBER: 4304737219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131'FSL, 2368'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 10S 22E			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

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

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

FINISHED DRILLING FROM 1980' TO 8425 ON 07/29/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/310 SX PREM LITE II @11.1 PPG 3.25 YIELD. TAILED CMT W/1370 SX 50/50 POZ @14.3 PPG 1.31 YIELD. FINAL CIRC PRESSURE 2650 BUMP PLUG @3100 PSI FLOATS HELD. GOOD CIRC THRU JOB W/20 BBL LEAD CMT BACK TO PIT. SET SLIPS W/80K NDBOP CUT OFF CSG. CLEAN PITS.

RELEASED PIONEER RIG 38 ON 07/29/2006 AT 0630 HRS

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 7/31/2006

(This space for State use only)

RECEIVED
AUG 21 2006
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL		OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		OTHER _____	
2. NAME OF OPERATOR:		KERR MCGEE OIL & GAS ONSHORE LP					
3. ADDRESS OF OPERATOR:				PHONE NUMBER:		5. LEASE DESIGNATION AND SERIAL NUMBER:	
1368 SOUTH 1200 EAST				(435) 781-7024		ML-22974A	
CITY VERNAL STATE UT ZIP 84078				10. FIELD AND POOL, OR WILDCAT:		NATURAL BUTTES	
4. LOCATION OF WELL		FOOTAGES AT SURFACE: 1131'FSL, 2368'FWL		COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 10S 22E				STATE: UTAH			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
7. UNIT or CA AGREEMENT NAME: UNIT #891008900A							
8. WELL NAME and NUMBER: NBU 1022-20N							
9. API NUMBER: 4304737219							

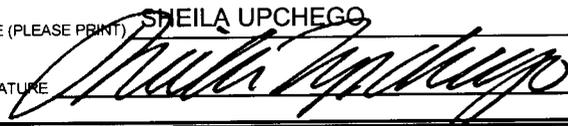
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRODUCTION 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 08/20/2006 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLGICAL WELL HISTORY.

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>7/31/2006</u>

(This space for State use only)

AUG 28 2006

KERR MCGEE OIL AND GAS ONSHORE, LP

CHRONOLOGICAL HISTORY

NBU 1022-20N

	SPUD	Surface Casing Air Rig	Activity	Status
06/14/06			Build Location, 25% complete	Pioneer38
06/15/06			Build Location, 50% complete	Pioneer38
06/19/06			Build Location, 65% complete	Pioneer38
06/20/06			Build Location, 70% complete	Pioneer38
06/21/06			Build Location, 70% complete	Pioneer38
06/22/06			Build Location, 70% complete	Pioneer38
06/23/06			Build Location, 70% complete	Pioneer38
06/26/06			Build Location, 75% complete	Pioneer38
06/27/06			Build Location, 80% complete	Pioneer38
06/28/06			Build Location, 80% complete	Pioneer38
06/29/06			Build Location, 90% complete	Pioneer38
06/30/06			Build Location, 90% complete	Pioneer38
07/05/06	6/29/06 7/2/06		Build Location, Location Complete Set Conductor Air Rig Spud, WOAR	Pioneer38
07/07/06	7/2/06		WORT, Ring In	Pioneer38
07/18/06		TD: 2139' Csg. 9 5/8"@ 1947'	MW: 8.4 SD: 7/18/06 DSS: 0	
		Move to NBU 1022-20N. NU and test BOPE. PU BHA and DP. Drill FE. Drill from 1980'-2139'. DA @ report time.		
07/19/06		TD: 3564' Csg. 9 5/8"@ 1947'	MW: 8.9 SD: 7/18/06 DSS: 1	
		Drill and survey from 2139'-3564'. DA @ report time.		
07/20/06		TD: 4883' Csg. 9 5/8"@ 1947'	MW: 9.1 SD: 7/18/06 DSS: 3	
		Drill and survey from 3564'-4863'. DA @ report time.		

07/21/06 TD: 5909' Csg. 9 5/8"@ 1947' MW: 9.3 SD: 7/18/06 DSS:4
Drill and survey from 4863'-5909'. DA @ report time.

07/24/06 TD: 7610' Csg. 9 5/8"@ 1947' MW: 10.3 SD: 7/18/06 DSS:7
Drill and survey from 5909'-6067'. TFNB and MM. Drill to 7610'. DA @ report time.

07/25/06 TD: 7950' Csg. 9 5/8"@ 1947' MW: 10.5 SD: 7/18/06 DSS:8
Drill and survey from 7610'-7698'. TFNB. Drill to 7950'. DA @ report time.

07/26/06 TD: 8026' Csg. 9 5/8"@ 1947' MW: 10.5 SD: 7/18/06 DSS: 9
Drill f/ 7950'-8026'. TFNB. Repair traction motor for 8hrs on trip. POOH. TIH @ report time.

07/27/06 TD: 8285' Csg. 9 5/8"@ 1947' MW: 11.2 SD: 7/18/06 DSS: 10
Finish TIH. Drill f/ 8026'-8285'. DA @ report time.

07/28/06 TD: 8425' Csg. 9 5/8"@ 1947' MW: 11.6 SD: 7/18/06 DSS: 11
Drill f/ 8285'-8425'. CCH and short trip. LDDP and BHA. Prep to run logs @ report time.

07/31/06 TD: 8425' Csg. 9 5/8"@ 1947' MW: 11.6 SD: 7/18/06 DSS: 12
Run Triple Combo. Run and cement 4 1/2" Production Casing. Set slips and release rig @ 0630 hrs 7/29/06. RDRT and move to NBU 1022-20L.

8/14/06 PROG: 7:AM HSM . MOVE TO LOC . RU RIG . SPOT EQUIP . ND WELLHEAD. NU BOP .
PU 37/8 MILL. PU RIH W/ 2 3/8" TBG. TAG @ 8359' . RU DRILL EQUIP . BROKE CIRC.
DRILL DOWN TO 8399' . CIR CLEAN . POOH TO 4200' . SWI .

08/15/06 7:AM HSM. FINISH POOH W/ 23/8" TBG & MILL. ND BOP. NU FRAC VALVES. RU
CUTTERS. RUN CBL FROM PBD @ 8380' TO SURF. RU QUICK TEST, PRES TO 7500,
HELD. ALL STAGES SLICKWATER.

STAGE 1# PERF 8089-92, 4SPF, 8169-72, 4SPF, 8228-30, 3SPF, 8277-79, 4SPF, 8338-40,
4SPF, 46 HOLES. RU BJ. BROKE @ 4633, IR 50.5, IP 5250, ISIP 3000, FG .80, MP 5200,
MR 51.1, AP 4564, AR 50.5, FG. 81, ISIP 3050, NPI 50, CLEAN 2516 BBLS, SAND
86,650#

STAGE 2# SET CBP @ 8047', PERF 7884-87, 3SPF, 7967-72, 4SPF, 8012-17, 3SPF, 44
HOLES, BROKE @ 3782, IR 40, IP 5200, ISIP 2600, FG. 76, MP 6600, MR 50.8, AP
5660, AR 50.1, FG. 77, ISIP 2650, NPI 50, CLEAN 983 BBLS, SAND 34,150#

STAGE 3# SET CBP @ 7838, PERF 7516-19, 7545-47, 7661-63, 7754-56, 7806-08, 4SPF,
44 HOLES. SWI, 6 PM.

08/16/06 7:00 AM HSM. STAGE 3# 7516-7808. BROKE @ 4324, IR 51.6, IP 5000, ISIP 2200, FG. 72,
MP 5000, MR 52.2, AP 4645, AR 52, FG. 78, ISIP 2650, NPI 450, CLEAN 1144 BBLS,
SAND 40,916#.

STAGE 4# SET CBP @ 7477', PERF 7211-14, 3SPF, 7292-95, 3SPF, 7392-97, 4SPF, 7445-47, 3SPF, 44 HOLES, BROKE @ 3514, IR 46, IP 4390, ISIP 2025, FG. 71, MP 4320, MR 50.6, AP 4060, AR 50.3, FG. 80, ISIP 2650, NPI 625, CLEAN 974 BBLs, SAND 34,446#.

STAGE 5# SET CBP @ 7148', PERF 6854-56, 3SPF, 6944-46, 3SPF, 7040-45, 4SPF, 7115-18, 4SPF, BROKE @ 2815, IR 50, IP 4250, ISIP 2050, FG. 73, MP 4235, MR 50.3, AP 4053, AR 50.2, FG. 83, ISIP 2800, NPI 750, CLEAN 1423 BBLs, SAND 54,460#.

STAGE 6# SET CBP @ 6764, PERF 6480-81, 4SPF, 6543-45, 4SPF, 6606-10, 4SPF, 6666-69, 3SPF, 6732-34, 4SPF, BROKE @ 2769, IR 51, IP 4000, ISIP 1750, FG. 70, MP 3820, MR 51.2, AP 3708, AR 51, FG. 83, ISIP 2600, NPI 850, CLEAN 3507 BBLs, SAND 141,790#.

STAGE 7# SET CBP @ 5979, PERF 5756-60, 5942-49, 4SPF, 44 HOLES, BROKE @ 2195, IR 51, IP 3270, ISIP 1300, FG. 66, MP 3230, MR 51.6, AP 3050, AR 51.4, FG. 78, ISIP 2000, NPI 700, CLEAN 596 BBLs, SAND 21,000#.

STAGE 8# SET CBP @ 5462, PERF 5282-84, 4SPF, 5300-04, 3SPF, 5425-32, 3SPF, 41 HOLES, BROKE @ 2521, IR 51.5, IP 2800, ISIP 1100, FG. 64, MP 2810, MR 51.6, AP 2685, AR 51.5, FG. 77, ISIP 1800, NPI 700, CLEAN 600 BBLs, SAND 18,641#

STAGE 9# SET CBP @ 5051', PERF 4920-22, 4SPF, 4978-87, 3SPF, 5019-21, 4SPF, 43 HOLES, BROKE @ 2762, IR 50, IP 2980, ISIP 1100, FG. 68, MP 3070, MR 50.3, AP 3000, AR 50.2, FG. 88, ISIP 2200, NPI 1000, CLEAN 577 BBLs, SAND 21,850#.

STAGE 10# SET CBP @ 4614', PERF 4574-84, 4SPF, 40 HOLES, BROKE @ 2263, IR 50.3, IP 2970, ISIP 1000, FG. 65, MP 3350, MR 50.2, AP 3170, AR 50, FG 1.01, ISIP 2650, NPI 1650, CLEAN 492 BBLs, SAND 13,900#. TOTALS = CLEAN 12,812 BBLs, SAND 467,803#. SET CBP @ 4500'. RD CUTTERS & BJ. SWI 7PM.

08/17/06

PROG: 7:AM HSM . PU 37/8" BIT POBS, R-NIPPLE. RIH W/ 2 3/8" TBG. TAG @ 4500'. RU DRILL EQUIP. BROKE CONV CIR. DRILL UP 1# CBP@ 4500'. NO PRES. RIH, TAG @ 4584' 30' SAND. DRILL TO 2# CBP@ 4614. DRILL UP CBP. 50 PSI INC. RIH TAG @ 5021', 30' SAND. DRILL DOWN TO 3# CBP@ 5051'. DRILL UP CBP. 100 PSI INC. RIH, TAG @ 5432', 30' SAND. DRILL TO 4# CBP @ 5462'. DRILL UP CBP. 100 PSI INC, RIH , TAG @ 5949' . 30' SAND. DRILL TO 5# CBP @ 5979'. DRILL UP CBP. 100 PSI INC. RIH, TAG @ 6734', 30' SAND. DRILL DOWN TO 6# CBP @ 6764'. DRILL UP CBP, 150 PSI INC. RIH, TAG @ 7118'. 30' SAND. DRILL DOWN TO 7# CBP @ 7148'. DRILL UP CBP. 150 PSI INC. RIH, TAG @ 7447'. 30' SAND. DRILL DOWN TO 8# CBP @ 7477' . DRILL UP CBP, 150 PSI INC. RIH, TAG @ 7808, 30' SAND. DRILL DOWN TO 9# CBP. DRILL UP CBP. 200 PSI INC. RIH, TAG @ 8014', 33' SAND. DRILL DOWN TO 10# CBP @ 8047'. DRILL UP CBP. 150 PSI INC. RIH. CLEANOUT TO PBD 8380'. CIR WELL CLEAN. POOH W/ EXCESS TBG. LAND TBG 240 JTS IN WELL. EOT 7600.30. ND BOP. NU WELLHEAD. DROP BALL POBS. PUT WELL FLOWING TO PIT. TURN WELL OVER TO FLOWBACK CREW. 800 PSI ON CSG . RIG WILL RD IN AM .

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 775#, TP: 925#, 22/64 CHK, 60 BWPH, 14 HRS, SD: LIGHT, TTL BBLs FLWD: 840 BBLs, TODAY'S LTR: 10312 BBLs, LOAD REC TODAY: 840 BBLs, REMAINING LTR: 9472 BBLs, TOTAL LOAD REC TO DATE: 3340 BBLs.

08/18/06

PROG: 7:AM HSM . PU 37/8" BIT POBS, R-NIPPLE. RIH W/ 2 3/8" TBG. TAG @ 4500'. RU DRILL EQUIP. BROKE CONV CIR. DRILL UP 1# CBP@ 4500'. NO PRES. RIH, TAG @ 4584' 30' SAND. DRILL TO 2# CBP@ 4614. DRILL UP CBP. 50 PSI INC. RIH TAG @ 5021', 30' SAND. DRILL DOWN TO 3# CBP@ 5051'. DRILL UP CBP. 100 PSI INC. RIH, TAG @ 5432', 30' SAND. DRILL TO 4# CBP @ 5462'. DRILL UP CBP. 100 PSI INC, RIH , TAG @

5949' . 30' SAND. DRILL TO 5# CBP @ 5979'. DRILL UP CBP. 100 PSI INC. RIH, TAG @ 6734', 30' SAND. DRILL DOWN TO 6# CBP @ 6764'. DRILL UP CBP, 150 PSI INC. RIH, TAG @ 7118'. 30' SAND. DRILL DOWN TO 7# CBP @ 7148'. DRILL UP CBP. 150 PSI INC. RIH, TAG @ 7447'. 30' SAND. DRILL DOWN TO 8# CBP @ 7477' . DRILL UP CBP, 150 PSI INC. RIH, TAG @ 7808, 30' SAND. DRILL DOWN TO 9# CBP. DRILL UP CBP. 200 PSI INC. RIH, TAG @ 8014', 33' SAND. DRILL DOWN TO 10# CBP @ 8047'. DRILL UP CBP. 150 PSI INC. RIH. CLEANOUT TO PBTD 8380'. CIR WELL CLEAN. POOH W/ EXCESS TBG. LAND TBG 240 JTS IN WELL. EOT 7600.30. ND BOP. NU WELLHEAD. DROP BALL POBS. PUT WELL FLOWING TO PIT. TURN WELL OVER TO FLOWBACK CREW. 800 PSI ON CSG . RIG WILL RD IN AM .

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 775#, TP: 925#, 22/64 CHK, 60 BWPH, 14 HRS, SD: LIGHT, TTL BBLs FLWD: 840 BBLs, TODAY'S LTR: 10312 BBLs, LOAD REC TODAY: 840 BBLs, REMAINING LTR: 9472 BBLs, TOTAL LOAD REC TO DATE: 3340 BBLs.

8/18/06 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 725#, TP: 1050#, 22/64 CHK, 50 BWPH, 24 HRS, SD: LIGHT, TTL BBLs FLWD: 1265 BBLs, TODAY'S LTR: 9472 BBLs, LOAD REC TODAY: 1265 BBLs, REMAINING LTR: 8207 BBLs, TOTAL LOAD REC TO DATE: 4605 BBLs.

8/19/06 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1350#, TP: 1225#, 22/64 CHK, 40 BWPH, 24 HRS, SD: LIGHT, TTL BBLs FLWD: 1115 BBLs, TODAY'S LTR: 8207 BBLs, LOAD REC TODAY: 1115 BBLs, REMAINING LTR: 7092 BBLs, TOTAL LOAD REC TO DATE: 5720 BBLs.

8/20/06 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2025#, TP: 1300#, 22/64 CHK, 40 BWPH, 24 HRS, SD: LIGHT, TTL BBLs FLWD: 960 BBLs, TODAY'S LTR: 7092 BBLs, LOAD REC TODAY: 960 BBLs, REMAINING LTR: 6132 BBLs, TOTAL LOAD REC TO DATE: 6680 BBLs.

WELL WENT ON SALES: 8/20/06, 9:00 AM. 1200 MCF, 22/64 CHK, SICP: 1500#. FTP: 1300#, 40 BWPH.

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:
ML-22974

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
UNIT #891008900A

8. WELL NAME and NUMBER:
NBU 1022-20N

9. API NUMBER:
4304737219

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SESW 20 10S 22E

12. COUNTY
UINTAH

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

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

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

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: **1131'FSL, 2368'FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUDDED: **6/29/2006** 15. DATE T.D. REACHED: **7/29/2006** 16. DATE COMPLETED: **8/20/2006** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5297'GL

18. TOTAL DEPTH: MD **8,425** TVD _____ 19. PLUG BACK T.D.: MD **8,380** 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

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#		1,980		560			
7 7/8"	4 1/2 I-80	11.6#		8,425		1680			

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"	7,600							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	4,574	5,949			4,574 5,949	0.35	168	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	6,480	8,340			6,480 8,340	0.35	267	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

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,574 5,949	0.35	168	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
6,480 8,340	0.35	267	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4574'-5949'	PMP 2265 BBLs SLICK H2O & 75,391# 30/50 MESH SD
6480'-8340'	PMP 10,547 BBLs SLICK H2O & 392,412# 30/50 MESH SD

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

30. WELL STATUS:
PROD

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 8/20/2006		TEST DATE: 9/5/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,652	WATER - BBL: 400	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 1,398	CSG. PRESS. 1,779	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,652	WATER - BBL: 400	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 8/20/2006		TEST DATE: 9/5/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,652	WATER - BBL: 400	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 1,398	CSG. PRESS. 1,779	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,652	WATER - BBL: 400	INTERVAL STATUS: PROD

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

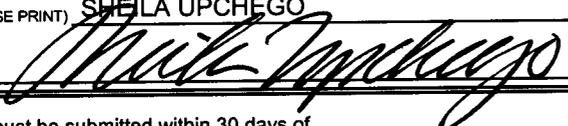
33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,126 6,670	6,670			

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 9/11/2006

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

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: ML-22974A
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 AND GAS ONSHORE LP		8. WELL NAME and NUMBER: NBU 1022-20N
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304737219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131' FSL, 2368' FWL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 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 <small>(Submit in Duplicate)</small> Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: MAINTENANCE

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

SEE ATTACHED CHRONO

RECEIVED
MAY 29 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) RAMEY HOOPES	TITLE LAND SPECIALIST I
SIGNATURE	DATE 5/10/2007

(This space for State use only)

03/30/07 7:00 HSM REVIEW JSA #7, ROAD RIG FROM NBU 434 TO NBU 1022-20N, MIRU SPOT EQUIP, PUMP 20 BBL'S DN TBG N/D WELL HEAD, N/U BOPS, R/U TBG EQUIP, POH W/ 206 JNTS 2-3/8 TBG, L/D 34 JNTS W/ SCALE ON INSIDE, CONTROLLED WELL W/ 85 BBL'S ON TRIP OUT. SWIFN 5:00

04/02/07 7:00 AM, (DAY# 2) HELD JSA#8. CFP 550#. BLEED DN PRESS, PMP 50 BBL'S 10# BRINE DN CSG. PU 3 7/8" MILL W/ SUB. RIH W/ PROD TBG, PU AND TALLY WORK STRING. TAG FILL @ 7985'. RU DRILLING EQUIP, ESTABLISH CIRC W/ FOAMING UNIT IN ONE HR. C/O TO 7998', FELL FREE TO 8246'. C/O 132' TO 8378'. CIRC WELL CLEAN, PMP 20 BBL TOP KILL. LD 25 JT'S TO 7593'. 6:00 PM, SWI SDFN.

04/03/07 7:00 AM, (DAY#3) HELD JSA# 8-9. SICP 950# SITP 750#. BLED DN PRESSURE. PMP DN TBG W/ 10 BBL'S 2% KCL WTR, 110 GAL'S 31% ACID. FLUSH W/ 29 BBL'S 2% KCL WTR. (PMP FLUSH @ 1/2 BBL PER MIN.) POOH W/ 240 2 3/8" J-55 TBG. PU PROFILE NIPPLE W/ 1.781 ID. RIH W/ 240 JT'S 2 3/8" J-55 TBG. LAND TBG @ 7593'. PU SWAB W/ 1.991" TBG BROACH, RIH TO 7590'. (NO ABSTRACTIONS INSIDE TBG.) ND BOP'S AND EQUIP, NU W/H AND FL, LINE SWI. TURN WELL OVER TO PROD. (EOT @ 7593'.) RD MOVE RIG TO THE NBU 920-25J. 5:30 SDFN.

WTR USED FOR THE DAY 150 BBL'S. TOTAL WTR USED FOR THE JOB 420 BBL'S

WTR RECOVERED 80% 336 BBL'S. WTR LEFT TO RECOVER 84 BBL'S.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
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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 1022-20N
------------------------------------	---

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047372190000
---	---

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: 1131 FSL 2368 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 20 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

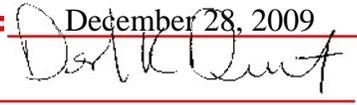
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/29/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report 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 checked="" 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 type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: CEMENT SQUEEZE

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

THE OPERATOR REQUESTS AUTHORIZATION TO WORKOVER THE SUBJECT WELL. WORKOVER OPERATIONS INCLUDE REMOVAL OF PACKER AND CEMENT SQUEEZE. PLEASE REFER TO THE ATTACHED WORKOVER PROCEDURE.

Approved by the Utah Division of Oil, Gas and Mining

Date: December 28, 2009

By: 

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 12/22/2009



NBU 1022-20N

**REMOVE PACKER
&
CEMENT SQUEEZE**

**GREATER NATURAL BUTTES
SECTION 20 T10S R22E
43-047-37219
UINTAH, UT
WI: 100.00%
NRI: 83.20%**

PREPARED BY: TRAVIS HANSELL, 12/22/2009

RECEIVED December 22, 2009



CONTACT INFORMATION

FOREMAN	DALE JENKINS	435 828 4043
LEAD MECHANICAL	RANDY BROTHERRSON	435 828 8205
LEAD AUTOMATION	LYNN HADLOCK	435 828 8091
OPTIMIZER	TREVOR HOOPES	435 828 8916
OPERATOR	STEVE FARNSWORTH	435 828 6059
ENGINEER	TRAVIS HANSELL	435 790 6903



NBU 1022-20N

BACKGROUND INFORMATION

KBE:	5313'	API NUMBER:	43-047-372190
GLE:	5297'	LEASE NUMBER:	ML-22974
TD:	8425' (Driller)	WI:	100.00000%
PBTD:	8374' (Float Collar)	NRI:	83.202950%
		ORRI:	9.5477500%

CASING: 12.25" hole
 9.625" 32.3#, H-40 @ 1948'
 Cemented with 160 sx. HiFill lead followed by 200 sx Premium tail. Top Job#1 125 sx. Class G.
 Top Job#2 75 sx. Class G..

7.875" hole
 4.5", 11.6#, I-80 @ 8417'. Marker joint @ 3901'
 Cemented with 20 sx SCAV followed by 310sx. PL-II Class G lead and 1370sx 50/50 Poz Premium
 Class G tail.

Tubular	Drift Inches	Collapse Psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 9.625" 32.3# csg.				2.4780	0.3314	0.0590
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406

Relevant History

- AUG 2006: Well completed with 10 slickwater frac stages in the Mesa Verde and Wasatch. Cleaned out to PBTD 8380'. Landed tubing at 7600' and pumped off bit.
- MAR 2007: Ran wireline, stacked out at 7415'. Tried to get deeper but couldn't. Workover well. L/D 34 scaled-up joints. C-O well 7985-8378'. POOH with bit. Land tubing @7593' with 1.781" profile nipple. Run 1.991" broach to 7590' (tubing clean).
- MAY 2008: P/U tubing and ran temperature log. C-O well to 8380'. Set packer @5456'. EOT @7605'.



NBU 1022-20N PROCEDURE

Symptoms

- Well was producing @ 175 MCFD until 10/3/2009 when production dropped off to ~10 MCFD.
- Slickline could not get past 5069' on multiple occasions.
- Could not install bumper spring and run a plunger properly.
- Packer reduced water rates and production stayed relatively constant.

Prognosis

- Remove packer
- Check tubing for restrictions
- Squeeze of wet perforations
- Install plunger lift

Notes

- In case packer is stuck, have free-point and fishing services available to the operation.

Procedure Outline

- MIRU. N/D WH and N/U BOP.
- Release **Weatherford 4.5" HD packer (left-hand set) @ 5456'**.
- Inspect & scan tubing.
- Set CIBP **~5450'**.
- RIH w/ packer to **~4500'**.
- Set packer, cement squeeze off the following perforations:
4574-4584
4920-4922
4978-4987
5019-5021
5282-5284
5300-5304
5425-5432
- Watch returns, release packer, reverse circulate, POOH
- RIH w/ POBS, pressure test, drill out cement & CIBP
- Tag fill (**bottom perf is @ 8340'**).
- If fill was found, cleanout to **PBTD 8374'**.
- **Land tubing @ 7216'**.
- N/D BOP, N/U WH, RDMO.
- Install bumper spring & return to production

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047372190000
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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
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131 FSL 2368 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 20 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: 5/7/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: WORKOVER

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

WORKOVER OPERATIONS ON THE SUBJECT WELL WERE COMPLETED ON 5/7/2010. OPERATIONS INCLUDED REMOVAL OF A PACKER AND A PERFORATION CEMENT SQUEEZE FROM 4,574'-5,021'. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY FOR OPERATION DETAILS

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 May 18, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 5/13/2010

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-20N Spud Date: 7/18/2006
 Project: UTAH-UINTAH Site: NBU 1022-20N Rig Name No: DOUBLE HOOK/UNK
 Event: WELL WORK EXPENSE Start Date: 4/27/2010 End Date: 5/7/2010
 Active Datum: RKB @5,312.99ft (above Mean Sea Leve) UWI: NBU 1022-20N

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/27/2010	12:00 - 12:30	0.50	ALL	48		P		HSM, REVEIW JSA #1
	12:30 - 16:00	3.50	MIRU	31		P		SICP. 1230 PSI. SITP. 1100 PSI. MIRU, BLEW WELL DWN, CONTROL WELL W/ 30 BBLS DWN TBG ND WH, NU BOPS, RU FLOOR EQUIPMENT, RELEASE WEATHERFORD 4.5" HD PKR, POOH 20 JTS ABOVE PERF, EOT @ 4431' W/ 152 JTS LEFT IN WELL, SWI SDFN.
4/28/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, SCAN TBG.
	7:30 - 17:00	9.50	ALL	31		P		SCIP. 950 PSI. SITP. 900 PSI. BLEW WELL DWN, CONTROL WELL W/ 20 BBLS, RU SCAN TECH TO INSPECT & SCAN & TBG, POOH 2-3/8 TBG, LD 111 JTS HEAVY SCALE INTERNAL WOULD NOT DRIFT, JNT # 137 & 138 HAD HOLES, & JNT # 138 TWISTED OFF, LD WEATHERFORD 4.5" HD PKR, RU CUTTERS WIRELINE SERV. RIH 3.66 GAUGE RING TO 5100', GOOD, POOH GAUGE RING, RIH WIRELINE & SET WEATHERFORD 6K CBP & SET @ 5050', POOH WIRELINE, RD CUTTERS, PU & RIH 4.5 MECHANICAL CIRC & 142 JTS 2-3/8 J-55 TBG & SET CIRC @ 4485' PULL 10K TENSION, FILL TBG W/ 4 BBLS, TEST TO 2000 PSI. HELD, STACK OUT, PULL 2K TENSION, ROTATE OUT & STUNG BACK IN FILL TBG, STING OUT, PUMP 65 BBLS NO CIRC, BACK SIDE WAS SUCKING, STING IN, NO SUCK, TEST BACK SIDE TO 1000 PSI, LOST 450 PSI IN 3 MIN, INJECTED DWN TBG, @ 3.3 BPM @ 800 PSI, STING IN / OUT SEVERAL TIMES & NO CHANGES WHILE PUMPING RATE OF 1/2 BPM TO 3 BPM, STUNG OUT PULL 1 JNT, EOT @ 4458', SWI SDFN.
4/29/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, MUDDY ROADS
	7:30 - 14:00	6.50	ALL	31		P		SICP. 0 PSI. SITP. 0 PSI. POOH 2-3/8 TBG & STINGER, RIH 2-3/8 TBG & 4-1/2 HD PKR, SET PKR @ 4461.81', PUMP 12 BBLS DWN CSG, TEST TO 1000 PSI. HELD, PUMP 7 BBLS DWN TBG TO GET INJECTION RATE @ 3.3 BPM @ 800 PSI. RELEASE PKR, POOH 2-3/8 TBG & LD 6 JTS, SET PKR @ 4275', RU PRO PETRO, PUMP INJECTION TEST 4 BPM @ 1100 PSI. PRESSURE UP BACK SIDE TO 1000 PSI. STARTED MIXING 200 SKS OF CLASS G CMT, 100 SKS W/ 2% Ca CL2 & 100 SKS NEET, PUMP 41 BBLS CMT @ 15.8 PPG, YIELD 1.15 WTR 4. 97 GAL/ SK, HAD SQUEEZE PRESSURE OF 2650 PSI. W/ 2-1/2 BBLS CMT IN TBG, BLEED BACK SQUEEZE NOT HOLDING, PUMP BACK TO 2650 PSI, SHUT DWN FOR 10 MINS, BLEED BACK SQUEEZE HOLDING, UNSET PKR, REVERSE CIRC TBG, GOT 2-1/2 BBLS CMT BACK, POOH 7 STANDS, SET PKR @ 3796', PRESSURE TBG TO 2000 PSI LEFT PRESSURE ON TBG, 165 SKS IN FORMATION, SWI SDFN
4/30/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, PWR SWVL
	7:30 - 10:00	2.50	ALL	31	I	P		SICP. 500 PSI. SITP. 2400 PSI. BLEW TBG DWN, POOH W/ 120 JTS, LD PKR, RIH W 3-7/8 ROCK BIT & BIT SUB, & 132 JTS 2-3/8 TBG, TAG CMT @ 4272', LD 1 JT, RU PWR SWVL,

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-20N Spud Date: 7/18/2006
 Project: UTAH-UINTAH Site: NBU 1022-20N Rig Name No: DOUBLE HOOK/UNK
 Event: WELL WORK EXPENSE Start Date: 4/27/2010 End Date: 5/7/2010
 Active Datum: RKB @5,312.99ft (above Mean Sea Leve) UWI: NBU 1022-20N

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:00 - 17:00	7.00	ALL	31	H	P		STARTED REVERSE CIRC HOLE, BROKE CIRC W/ 5 BBLS, C/O CMT F/ 4272' TO 4485' TAG CIRC, DRILL OUT RETAINER IN 40 MINS, CONTINUED C/O TO 4501' LD 1 JT, EOT @ 4456, W/ 141 JTS IN WELL, SWI, SDFWD
5/3/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, RIG PUMP
	7:30 - 17:00	9.50	ALL	44		P		SICP. 0 PSI. SITP. 0 PSI. RU PWR SWVL, BEGIN DRLG CMT F/ 4501' TO 4835' DRILL 334', CIRC HOLE CLEAN, RD PWR SWVL, EOT @ 4802 W/ 152 JTS IN WELL, SWI, SDFN.
5/4/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, JSA # 5
	7:30 - 15:00	7.50	ALL	44		P		SICP. 0 PSI. SITP. 0 PSI., RU PWR SWVL, BROKE CIRC IN 10 MINS, STARTED DRILLING CMT F/ 4835' TO 5033', FELL FREE, CIRC HOLE CLEAN W/ 25 BBLS, RD PWR SWVL, LD 8' PUP, SI TBG, TEST CSG TO 500 PSI, HELD FOR 5 MINS, LD 1 JT, POOH 158 JTS & BHA, RIH W/ 3-7/8 MILL, BIT SUB, & 158 JTS. 2-3/8 TBG. EOT @ 4994' SWI SDFN.
5/5/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, JSA # 16 AIR FOAM UNIT & N2
	7:30 - 9:00	1.50	ALL	44	C	P		SICP. 0 PSI. SITP. 0 PSI. RIH 1 JT. RU PWR SWVL, INSTALLED TSF, RU AIR FOAM UNIT & N2, BLEW WELL DRY, TAG CBP @ 5050'
	9:00 - 17:00	8.00	ALL	44		P		BEGIN MILLING ON CBP @ 5050' , DRILL CBP IN 3 HRS, HAD 500 PSI INCREASE, CONTROL TBG W/ 12 BBLS, RD PWR SWVL, POOH W/ 3 JTS, REMOVE TSF, CONTINUE RIH PU TBG F/ TRAILER, TAG SCALE @ 7125' RU PWR SWVL, INSTALLED TSF, BROKE CIRC IN 1.5 HRS W/ 1278 PSI, C/O F/ 7125' TO 7227 FELL FREE, CONTROL TBG W/ 10 BBLS, RD PWR SWVL, POOH 4 JTS, REMOVE TSF, RIH 234 JTS TBG TAG SCALE @ 7408' RU PWR SWVL, INSTALLED TSF, BROKE CIRC IN 1 HR C/O TO 7418' CIRC HOLE CLEAN, SI TBG, POOH W/ 1 JT. EOT @ 7386', SWI, SDFN.
5/6/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 8 PWR SWVL.
	7:30 - 13:00	5.50	ALL	44		P		SICP. 1250 PSI. SITP 0 PSI. RU PWR SWVL REMOVE TSF, RIH F/ 7386' W/ 253 JTS, TAG SCALE @ 7998' INSTALLED TSF, RU PWR SWVL, RU AIR FOAM UNIT & N2, BROKE CIRC IN 1 HR C/O F/ 7998' TO 8082' FELL FREE, RIH W/ 262 JTS. TAG SCALE @ 8278' C/O TO 8380.'
	13:00 - 14:00	1.00	ALL	31	H	P		CIRC HOLE CLEAN FOR 1 HR,
	14:00 - 18:00	4.00	ALL	31	I	P		RD PWR SWVL, RD AIR FOAM UNIT & N2, POOH TBG TO REMOVE TSF, LD 38 JTS ON TRAILER, CONTINUE POOH 227 JTS, 2-3/8 TBG S/B, CONTROL WELL W/ 20 BBLS, LD 3-7/8 MILL & BIT SUB, SWI SDFN.
5/7/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA #9 (TRIPPING TBG)
	7:30 - 12:00	4.50	ALL	31		P		SICP. 1150 PSI., BLEW WELL DWN, CONTROL WELL W/ 20 BBLS, RIH NOTCH 1.875 XN NIPPLE & 227 JTS. J-55 TBG, BROACH TBG TO SN, GOOD, LAND TBG, RD FLOOR EQUIPMENT, ND BOPS, NU WH, RDMO, MOVE TO NBU 1022-40-3.
								KB-----16' VETCO GRAY HANGER----.83" 227 JTS. J-55 TBG @ 7185.82' NOTCH 1.875 XN-----1.05' EOT @ 7203.70' WLTR. 110 BBLS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
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 1022-20N
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047372190000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131 FSL 2368 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 20 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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" 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 type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width:100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/16/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

THE NBU 1022-20N WELL WAS SHUT IN AND RETURNED TO PRODUCTION ON 12/16/2014. THANK YOU.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 02, 2015

NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/29/2014	

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: ML-22974
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3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 1022-20N
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5. FIELD and POOL or WILDCAT: NATURAL BUTTES	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
6. COUNTY: UINTAH	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
7. STATE: UTAH	9. FIELD and POOL or WILDCAT: NATURAL BUTTES

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: 3/28/2016	<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: <input style="width: 100px;" type="text"/>

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

The NBU 1022-20N well was returned to production on 3/28/2016.
 Thank you.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 April 07, 2016**

NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 4/5/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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PHONE NUMBER: 720 929-6456	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/18/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 1022-20N well. Please see the attached procedure for details. Thank you.

Approved by the Utah Division of Oil, Gas and Mining
Date: September 01, 2016
By: *D. K. Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 8/18/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047372190000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1: A 100' cement plug (± 8 sx) shall spotted on CIBP@6647' to isolate the Mesaverde formation as required by rule R649-3-24-3.2.**
- 3. Note Plug #6: Perf is not necessary. Reports state 20 bbls cement circulated to surface. CBL appears to have possible signature of light cement as well. Calculations put cement to surface.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

9/1/2016

Wellbore Diagram

r263

API Well No: 43-047-37219-00-00 Permit No: Well Name/No: NBU 1022-20N

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

Location: Sec: 20 T: 10S R: 22E Spot: SESW

Coordinates: X: 631206 Y: 4421132

Field Name: NATURAL BUTTES

County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	40	20		
COND	40	14	36.7	40
HOL2	1980	12.25		
SURF	1980	9.625	32.3	1980
HOL3	8425	7.875		
PROD	8425	4.5	11.6	8425

11.459
3.017

9 5/8" x 4 1/2"

Plug #7
100' = 85x ✓

* Plug #6
* Perf not necessary - COL light amt?
200' = 165x

Plug #5
85x = 105'
TOC @ 1825' ✓

Cement Information

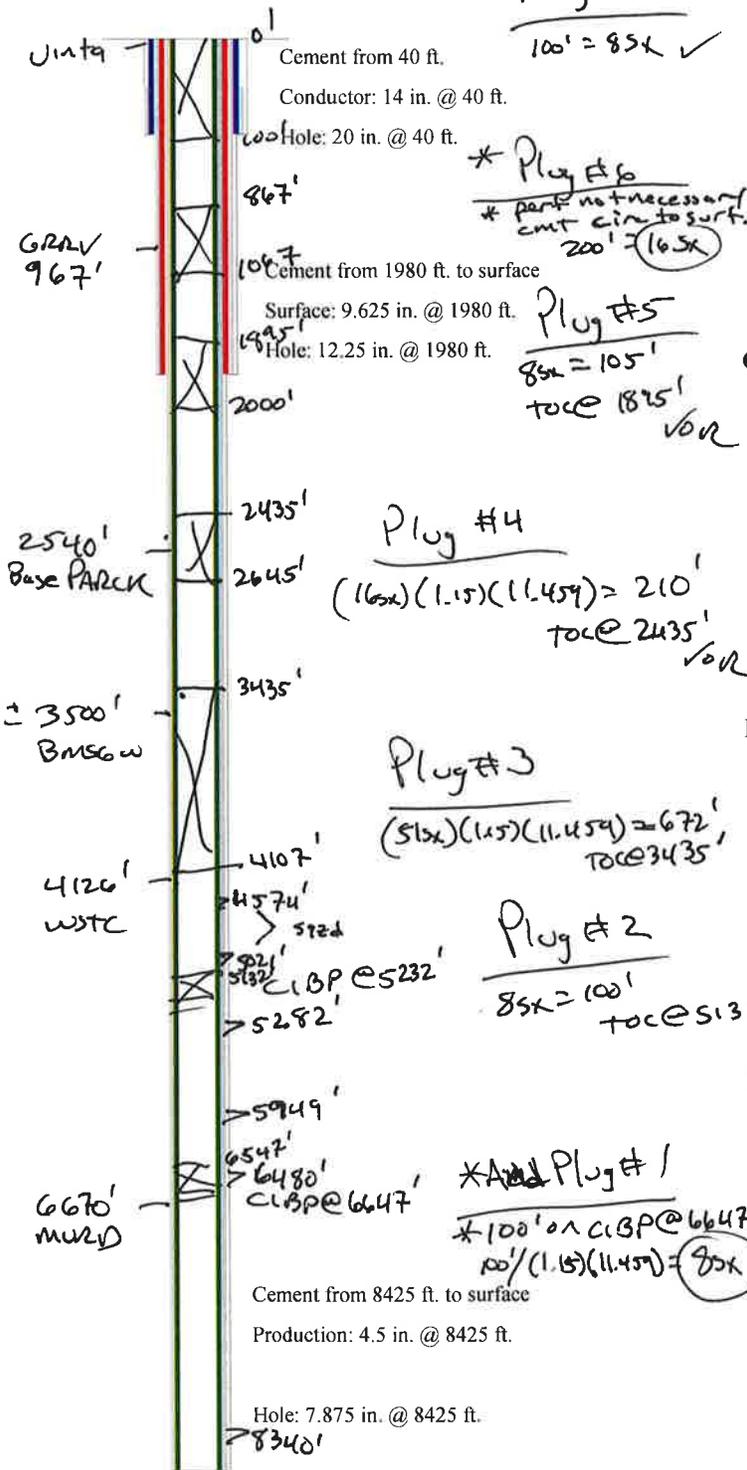
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	40		UK	28
PROD	8425	0	HS	310
PROD	8425	0	50	1370
SURF	1980	0	HG	160
SURF	1980	0	G	400

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
6480	8340			
4574	5021			
5282	5949			

Formation Information

Formation	Depth
UNTA	0
GRRV	967
PARCK	2540
BMSW	3500
WSTC	4126
MVRD	6670



TD: 8425 TVD: 8425 PBTD: 8380

NBU 1022-20N
 1131' FSL & 2368' FWL
 SESW SEC. 20, T10S, R22E
 UINTAH UT

KBE: 5313' API NUMBER: 4304737219
 GLE: 5297' LEASE NUMBER: ML-22974
 TD: 8425' LAT/LONG: 39.930299/-109.464579
 PBDT: 8380'

CASING : 12.25' hole
 SURFACE 9.625" 32.3# H-40 @ 1947'

PRODUCTION 7.875" hole
 4.5" 11.6# I-80 @ 8401'
 Est. TOC @ 1000' CBL

PERFORATIONS: WASATCH-MESAVERDE TOP-BOTTOM 5282'-8340'

TUBING: 2.375" 4.7# J-55 tbg at 7188'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# I-80 csg	4	3.875	6350	7780	0.65282	0.08727	0.01554
9.625" 32.3# H-40 csg	8.921	8.765	2020	3520	3.24699	0.43406	0.07731

Annular Capacities	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 9.625" csg	2.42077	0.32361	0.05764
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Top Green River	967'
Top Mahogany	1778'
Base Parachute	2540'
Top Wasatch	4107'
Top Mesaverde	6647'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~1763' MSL
 BMSW Depth ~3550'

NBU 1022-20N PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- 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 AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY: s.n. @ 7203'

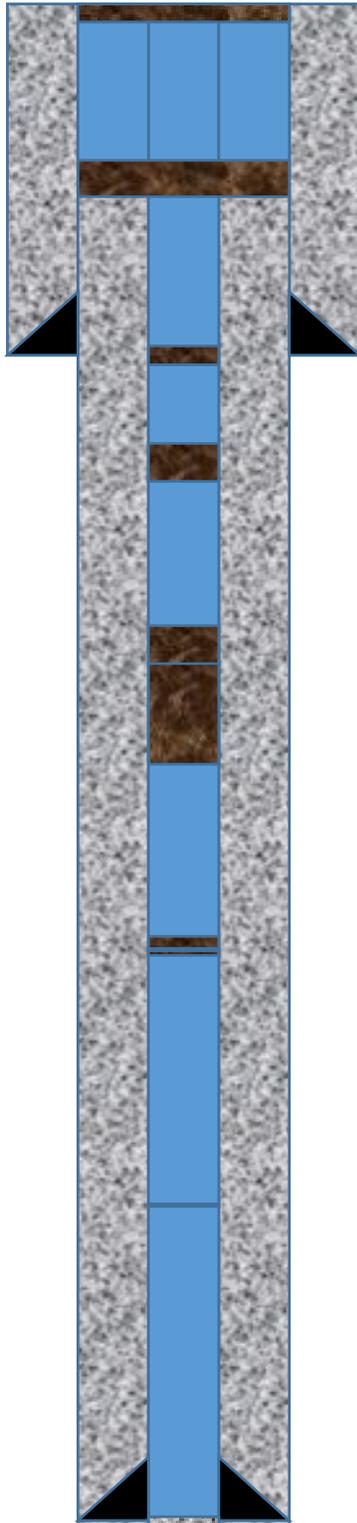
PROCEDURE

Note: Approx. 191 SXS Class "G" cement needed for procedure & (2) 4.5" CIBP

Note: NO GYRO ON RECORD. (IF GYRO NEEDED, A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE MESAVERDE PERFORATIONS (> 6647'): RIH ON WIRELINE W/ 4.5" CIBP. SET @ ~6647'. RELEASE CIBP.
4. ISOLATE PERFORATIONS (8340'-5282'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~5232', (50' above top perf at 5282'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 5232' to 5127'(8 SXS, 9.16 FT3, 1.64 BBLS).
5. PROTECT WASATCH TOP (4107') AND BMSW (3550'): PUH WITH TUBING AND PUMP A MINIMUM OF (663FT) CMT F/ 4107' to 3445' (51 SXS, 57.86 FT3, 10.3 BBLS).
6. PROTECT PARACHUTE BASE (2540'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 2645' to 2435' (16 SXS, 18.32 FT3, 3.27 BBLS).
7. PROTECT CASING SHOE (1947'): PUH WITH TUBING AND PUMP A MINIMUM OF (105FT) CMT F/ 1999.5' to 1894.5' (8 SXS, 9.16 FT3, 1.64 BBLS).
8. PROTECT GREEN RIVER (967'): POOH AND RIG UP WIRELINE. RIH WITH PERF GUNS FOR PRODUCTION CASING. PERFORATE CASING AT ~1067.5' (TOC @ ~1000'). PUMP A MINIMUM OF (201FT) CMT F/ 1067.5' to 866.5' (72 SXS, 82.44 FT3, 14.69 BBLS). (57 SXS IN ANNULUS AND 15 SXS IN CASING)
9. PROTECT SURFACE (100'): PUH WITH TUBING AND PUMP A MINIMUM OF (100 FT) CMT F/ 100'-0' (8 SXS, 9.16 FT3, 1.64 BBLS). POOH AND RUN 1 INCH TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS TO AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (28 SXS, 32.36 FT3, 5.76 BBLS).
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

NBU 1022-20N



Total SXS: 191, Total CIBP: 2

<- Plug for Surface at 0' from 0' to 100' with 36SXS,101ft.

<- Plug for GreenRiver at 967' from 1067.5' to 866.5' with 72SXS,201ft.
<- TOC at 1000'

<- Mahogany at 1778'
<- Plug for Surface Shoe at 1947' from 1999.5' to 1894.5' with 8SXS,105ft.

<- Plug for Parachute Base at 2540' from 2645' to 2435' with 16SXS,210ft.

<- Plug for BMSW (3550') ad Wasatch (4107') from 4107' to 3445' with 51SXS,663ft.

<- Plug above CIBP at 5232' from 5232' to 5127' with 8SXS,105ft.
<-CIBP Above Perfs at 5232'
<-Top Perf at 5282'

<-CIBP for Mesaverde at 6647'

<-PBD at 8380'
<- Production Casing Shoe at 8401'
<-TD at 8425'

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 Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22974
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
PHONE NUMBER: 720 929-6456	8. WELL NAME and NUMBER: NBU 1022-20N
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1131 FSL 2368 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 20 Township: 10.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047372190000
	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: Uintah
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2016	<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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 1022-20N well. Please see the operations summary report for details.
 Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 22, 2016

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 9/19/2016	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-20N

Spud date: 7/18/2006

Project: UTAH-UINTAH

Site: NBU 1022-20N

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 9/9/2016

End date: 9/14/2016

Active datum: RKB @5,312.99usft (above Mean Sea Level)

UWI: NBU 1022-20N

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/9/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 9:00	1.75	ABANDP	30	A	P		MIRU. SPOT IN ALL EQUIP. LAY PUMP LINES, ETC.
	9:00 - 9:40	0.67	ABANDP	30	F	P		SICP= 200#. SITP= 1300#. BLOW DOWN WELL TO PRODUCTION TANK. CNTRL TBNG W/ 30BBLS TMAC. CNTRL CSNG W/ 20BBLS TMAC. NDWH. UN-LAND TBNG (NOT STUCK). LAND TBNG BACK ON HANGER. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBNG. RMV HANGER.
	9:40 - 13:30	3.83	ABANDP	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 227JTS 2-3/8" J-55 TBNG. L/D ALL TBNG AS SINGLES. SCAN RESULTS AS FOLLOWS: Y-BND = 184JTS R-BND= 43JTS RDMO SCANNERS.
	13:30 - 17:00	3.50	ABANDP	34	I	P		MIRU WIRELINE. P/U & RIH W/ GR-JB FOR 4-1/2" CSNG. RIH TO 6670' GOOD. POOH. P/U & RIH W/ 4-1/2" CIBP. SET CIBP @ 6647'. POOH & L/D SETTING TOOL. P/U & RIH W/ DUMP BAILER. DUMP BAIL 8SX 15.8# G CMT ON TOP OF CIBP. MAKE 4 TOTAL DUMP BAILER RUNS. POOH E-LINE. RDMO E-LINE. SWIFN. LOCK RAMS. SDFN. NOTE: SPOKE W/ RICHARD POWELL (UDOGM). LET HIM KNOW THE CURRENT STATUS OF THE P&A. HE SAID THAT HE COULD NOT MAKE IT TO LOCATION BUT TO PROCEED AS PLANNED WITH OPERATIONS.
9/12/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		SAFETY = JSA.
	7:15 - 9:20	2.08	ABANDP	31	G	P		SICP= 100#. BLOW CSG DOWN TO FLOWBACK TANK. CNTRL CSG W/ 20BBLS TMAC. P/U & RIH W/ 4-1/2" WF CIBP + 164JTS 2-3/8" J-55 TBNG. SET CIBP @ 5232'. PUH 10'.
	9:20 - 9:40	0.33	ABANDP	31	H	P		BREAK CONV CIRC W/ TMAC. CIRC WELLBORE CLEAN & GAS FREE W/ 80BBLS TMAC.
	9:40 - 10:00	0.33	ABANDP	52	F	P		SHUT WELL IN. PRESSURE TEST 4-1/2" PRODUCTION CSG & 4-1/2" CIBP BAD @ 500#. LOSING 300# IN 1MINUTE. LOSING ENTIRE 500# IN 5MIN. REPEAT TEST W/ SAME RESULTS. MAKE ARRANGEMENTS TO GET A TEST PACKER ON LOCATION. NOTE: RICHARD POWELL (UDOGM) PULLED ONTO LOCATION AS WE WERE BLEEDING OFF THE PRESSURE. I EXPLAINED OUR TEST RESULTS TO HIM AND ASKED TO SPOT OUR 10SX CMT ON TOP OF THE CIBP & THEN WE WOULD POOH W/ TBNG & P/U A PACKER TO FIND OUR LEAK. RICHARD SAID THAT IT WOULD BE FINE TO PROCEED WITH MY PLAN.

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-20N

Spud date: 7/18/2006

Project: UTAH-UINTAH

Site: NBU 1022-20N

Rig name no.: MILES-GRAY 1/1

Event: ABANDONMENT

Start date: 9/9/2016

End date: 9/14/2016

Active datum: RKB @5,312.99usft (above Mean Sea Level)

UWI: NBU 1022-20N

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:00 - 10:20	0.33	ABANDP	51	D	P		MIRU CMT CREW. BREAK CONV CIRC W/ .5BBLS FRESH WATER (WELLBORE STAYING FULL). PUMP CMT PLUG AS FOLLOWS: #1 CIBP @ 5232'. PUMP 2.6BBL FRESH WATER. PUMP 10SX 15.8# G CMT. DISPLACE W/ 1BBL FRESH WATER & 18.7BBLS TMAC. L/D 7JTS TBNG. POOH WHILE STANDING BACK 157JTS 2-3/8" J-55 TBNG. L/D SETTING TOOL.
	10:20 - 12:20	2.00	ABANDP	31	I	P		MIRU WF TOOL HAND. P/U & TIH W/ 4-1/2" BAKER MODEL 32A PACKER + 2-3/8" J-55 TBNG. SET PACKER 3 TIMES & ISOLATE LEAK TO EXISTING PERFS THAT HAD BEEN PREVIOUSLY SQUEEZED OFF. LAST PACKER SETTING WAS @ 4492' (TESTED GOOD ABOVE 4492' @ 500# AND TESTED BAD BELOW 4492' @ 500#). GOOD TEST LOST 5# IN 10MIN. BAD TEST LOST 500# IN 5MIN. TOP PERF THAT HAD BEEN SQZ'D IS @ 4574'.
	12:20 - 14:20	2.00	ABANDP	31	C	P		SPOKE W/ RICHARD POWELL (UDOGM) AND HE AGREED THAT IT WOULD BE OK TO SET A CIBP @ 4492', THEN PROCEED W/ PLUGGING AS PLANNED. STILL HAVE 16JTS TBNG STOOD BACK IN THE DERRICK. L/D 16JTS EXCESS TBNG NOT NEEDED TO SET THE CIBP. TOOH W/ REMAINING 125JTS TBNG. L/D PACKER.
	14:20 - 15:30	1.17	ABANDP	31	I	P		P/U & RIH W/ 4-1/2" WF CIBP +103JTS TBNG. CIBP SET ACCIDENTALLY @3289'. RELEASE CIBP. PUH 6JTS TBNG. SWIFN. SDFN.
	15:30 - 17:00	1.50	ABANDP	31	G	P		SAFETY = JSA.
9/13/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		0# ON WELL. CONT POOH W/ 2-3/8" J-55 TBNG & SETTING TOOL. STD BACK ALL TBG. L/D SETTING TOOL.
	7:15 - 8:30	1.25	ABANDP	31	I	P		P/U & RIH W/ 3-7/8" BIT + 4) 3-1/8" DRILL COLLARS + 100JTS 2-3/8" J-55 TBNG. T/U ON CIBP @ 3289'. R/U POWER SWIVEL.
	8:30 - 10:30	2.00	ABANDP	31	I	P		BREAK CONV CIRC. D/O CIBP IN 30MIN. CIRC WELLBORE CLEAN. RIH 1 MORE JT 2-3/8" J-55 TBNG (PLUG DID NOT HANG UP). R/D POWER SWIVEL. CONT RIH W/ TBNG & DRILL COLLARS TO 4520' (BELOW SETTING DEPTH OF NEW CIBP).
	10:30 - 11:30	1.00	ABANDP	44	C	P		L/D 1JT OF TBNG. POOH WHILE STD BACK 136JTS 2-3/8" J-55 TBNG. L/D DRILL COLLARS.
	11:30 - 13:30	2.00	ABANDP	31	I	P		P/U & RIH W/ 4-1/2" WF CIBP + 100JTS 2-3/8" J-55 TBNG. SET CIBP @ 4492'.
	13:30 - 15:45	2.25	ABANDP	31	G	P		PRESSURE TEST CSNG GOOD @ 500#. LOST 5# IN 5MIN. BLEED OFF PRESSURE. SWIFN. LOCK RAMS. SDFN.
	15:45 - 16:00	0.25	ABANDP	52	F	P		SAFETY = JSA.
9/14/2016	7:00 - 7:15	0.25	ABANDP	48	B	P		

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-20N

Spud date: 7/18/2006

Project: UTAH-UINTAH

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Rig name no.: MILES-GRAY 1/1

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UWI: NBU 1022-20N

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 16:00	8.75	ABANDP	51	D	P		<p>0# ON WELL. RE-PRESSURE TEST 4-1/2" PRODUCTION CSNG & 4-1/2" CIBP GOOD @ 500#. LOST 5# IN 5MIN. MIRU CMT CREW. ALL CMT PUMPED @ 15.8# AND IS NEAT G CMT. PUMP CMT PLUGS AS POOH W/ TBNG AS FOLLOWS:</p> <p>CIBP @ 4492'. PUMP 2.6BBL FRESH WATER. PUMP 78SX CMT. DISPLACE W/ 1BBL FRESH WATER & 11.9BBLS TMAC. PUH TBNG.</p> <p>EOT @ 2645'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 8.2BBLS TMAC. PUH TBNG.</p> <p>EOT @ 2020'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 10SX CMT. DISPLACE W/ 1BBL FRESH WATER & 6.2BBLS TMAC. PUH TBNG.</p> <p>EOT @ 1070'. FILL HOLE. PUMP 2.6BBL FRESH WATER. PUMP 18SX CMT. DISPLACE W/ 1BBL FRESH WATER & 3.1BBLS TMAC. POOH WHILE L/D ALL TBNG.</p> <p>NOTE: HAD TO SHUT DOWN MULTIPLE TIMES DUE TO RAIN & LIGHTNING IN THE AREA. LOST +/- 3HRS.</p> <p>R/D FLOOR & TBNG EQUIP. NDBOP. RDMO RIG. MIRU ROUSTABOUT CREW. EXPOSE WELLHEAD. CUT & LOWER WELLHEAD. 9-5/8" SURFACE CSNG FULL OF CMT.</p> <p>R/U CMT CREW. PUMP 18SX G CMT DOWN 4-1/2" PRODUCTION CSNG UNTIL GOOD CMT @ SURFACE. CMT IN 4-1/2" CSNG FROM 118' TO SURFACE.</p> <p>WELD ON MARKER PLATE. BACKFILL WELLHEAD. P&A COMPLETE.</p> <p>WELLHEAD COORDINATES: LAT: 39.930299 LONG: -109.464579</p> <p>NOTE: CHRIS JENSEN W/ UDOGM ON LOCATION TO WITNESS P&A. CHRIS APPROVED OF ALL ACTIONS.</p>