

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

FORM 3

AMENDED REPORT
(highlight changes)

001

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML3276	6. SURFACE: STATE
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		9. WELL NAME and NUMBER: NBU 1022-16C	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 695'FNL & 2163'FWL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 10S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 34.6 MILES SOUTHEAST OF OURAY, UTAH		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 695'	16. NUMBER OF ACRES IN LEASE: 480.00	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40.00	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C	19. PROPOSED DEPTH: 8,800	20. BOND DESCRIPTION: RLB0005238	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5196'GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8" H-40 32.3#	1,900	265 SX
7 7/8"	4 1/2" I-80 11.6#	8,800	1820 SX

RECEIVED
SEP 21 2004

DIV. OF OIL, GAS & MINING

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) SHEILA UPCHEGO TITLE REGULATORY ANALYST
SIGNATURE *Sheila Upchego* DATE 9/10/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35947

APPROVAL:

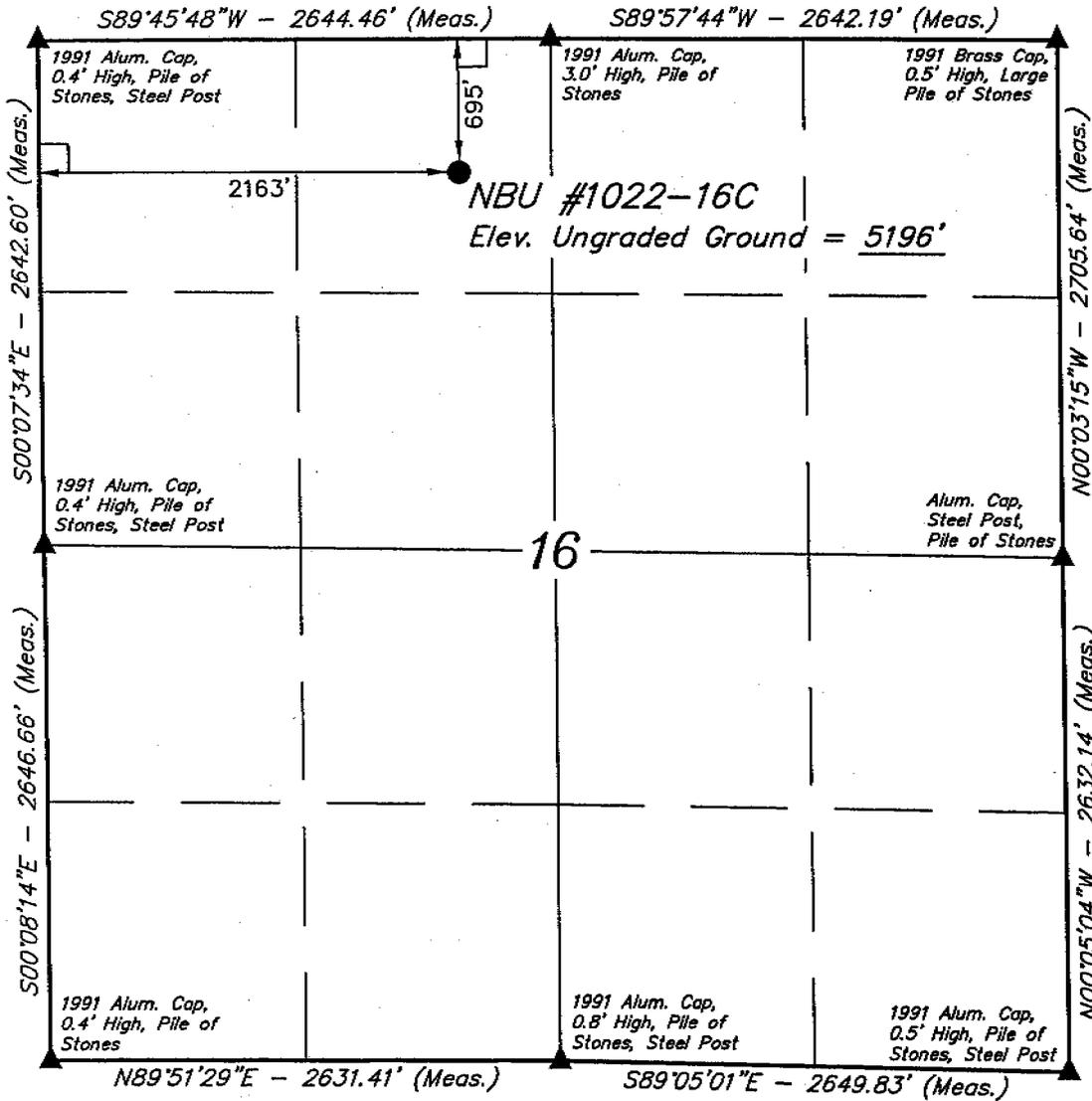
Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-27-04
By: *[Signature]*

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

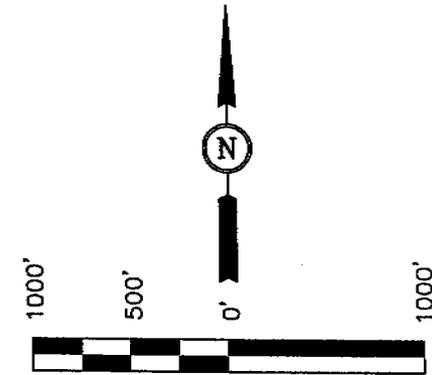
WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1022-16C, located as shown in the NE 1/4 NW 1/4 of Section 16, 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 SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCA
REGISTERED LAND SURVEYOR
COMPLICATE
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. 161319
STATE OF UTAH

BASIS OF BEARINGS

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

(NAD 83)
LATITUDE = $39^{\circ}57'15.63''$ (39.954342)
LONGITUDE = $109^{\circ}26'47.34''$ (109.446483)

LEGEND:

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

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-5-04	DATE DRAWN: 8-10-04
PARTY K.K. B.W. K.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

NBU #1022-16C
NE/NW Sec. 16, T10S, R22E
UINTAH COUNTY, UTAH
ML-3276

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1225'
Wasatch	4250'
Mesaverde	6700'
TD	8800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1225'
Gas	Wasatch	4250'
Gas	Mesaverde	6700'
Water	N/A	
Other Minerals	N/A	

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

Please see the attached Drilling Program.

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

Please see the attached Drilling Program

5. **Drilling Fluids Program:**

Please see the attached Drilling Program.

6. **Evaluation Program:**

Please see the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8,800' TD, approximately equals 3520 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1584 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 see the attached Drilling Program.

10. **Other Information:**

Please see 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'				2270	1370	254000
SURFACE	9-5/8"	0 to 1900	32.30	H-40	STC	0.60*****	1.54	4.73
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8800	11.60	I-80	LTC	2.95	1.39	2.26

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft-partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 2640 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
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized 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	3,750'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	410	60%	11.00	3.38
	TAIL	5,050'	50/50 Poz/G + 10% salt + 2% gel + 1% R-3	1410	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.

DRILLING ENGINEER: _____ DATE: _____
 Brad Laney
 DRILLING SUPERINTENDENT: _____ DATE: _____
 Randy Bayne DHD_NBU1022-16C_APD

NBU #1022-16C
NE/NW Sec. 16, T10S-R22E
Uintah County, UT
ML-3276

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

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

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

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

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

2. **Planned Access Roads:**

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

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

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

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

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

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

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

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

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

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

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

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

Refer to Topo D for the proposed pipeline.

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

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

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

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

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

Any gravel will be obtained from a commercial source.

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

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

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

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

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

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

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

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

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

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

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

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

8. **Ancillary Facilities:**

None are anticipated.

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

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

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

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

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

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

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

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

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

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

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

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

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

Producing Location:

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

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

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

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

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

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

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

Dry Hole/Abandoned Location:

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

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

11. **Surface Ownership:**

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

12. **Other Information:**

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

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

A Class III archaeological survey will be submitted when report becomes available.

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

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

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

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

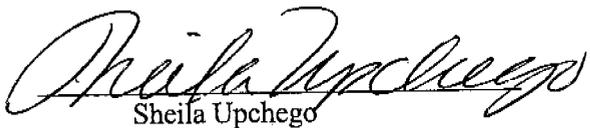
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Westport O&G Co. L.P. State Surety Bond: RLB0005238.

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


Sheila Upchego

9/10/04
Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-16C

SECTION 16, 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 2.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRCTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 20' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-16C

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T10S, R22E, S.L.B.&M.

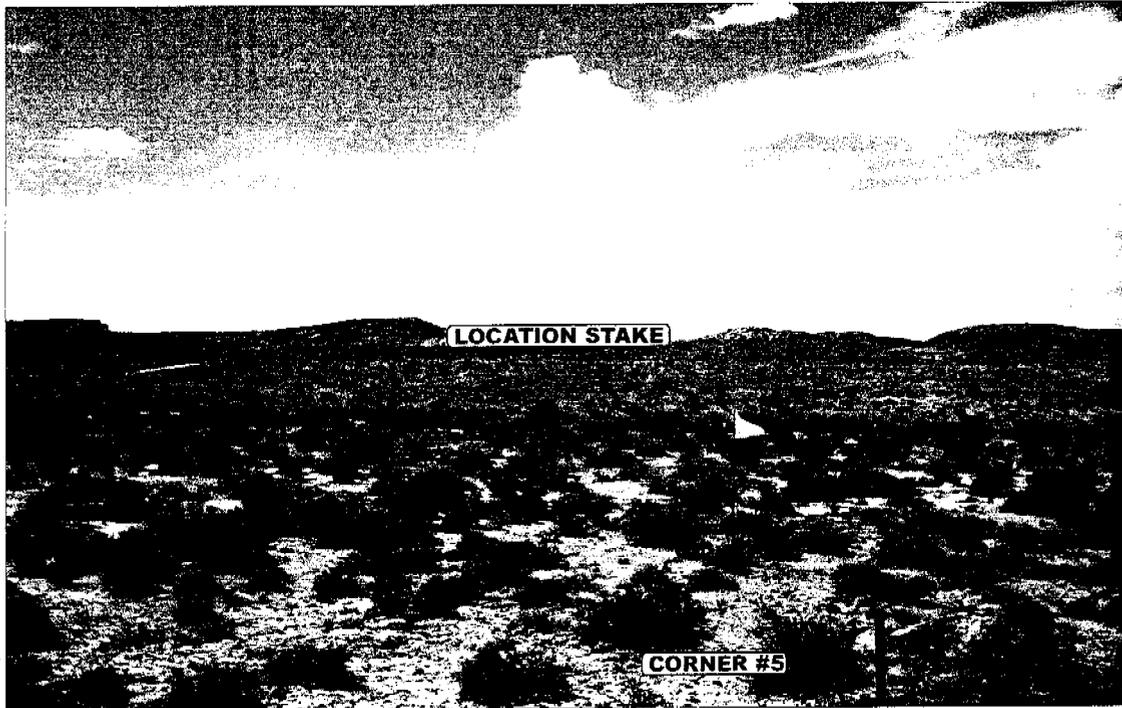


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



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

LOCATION PHOTOS

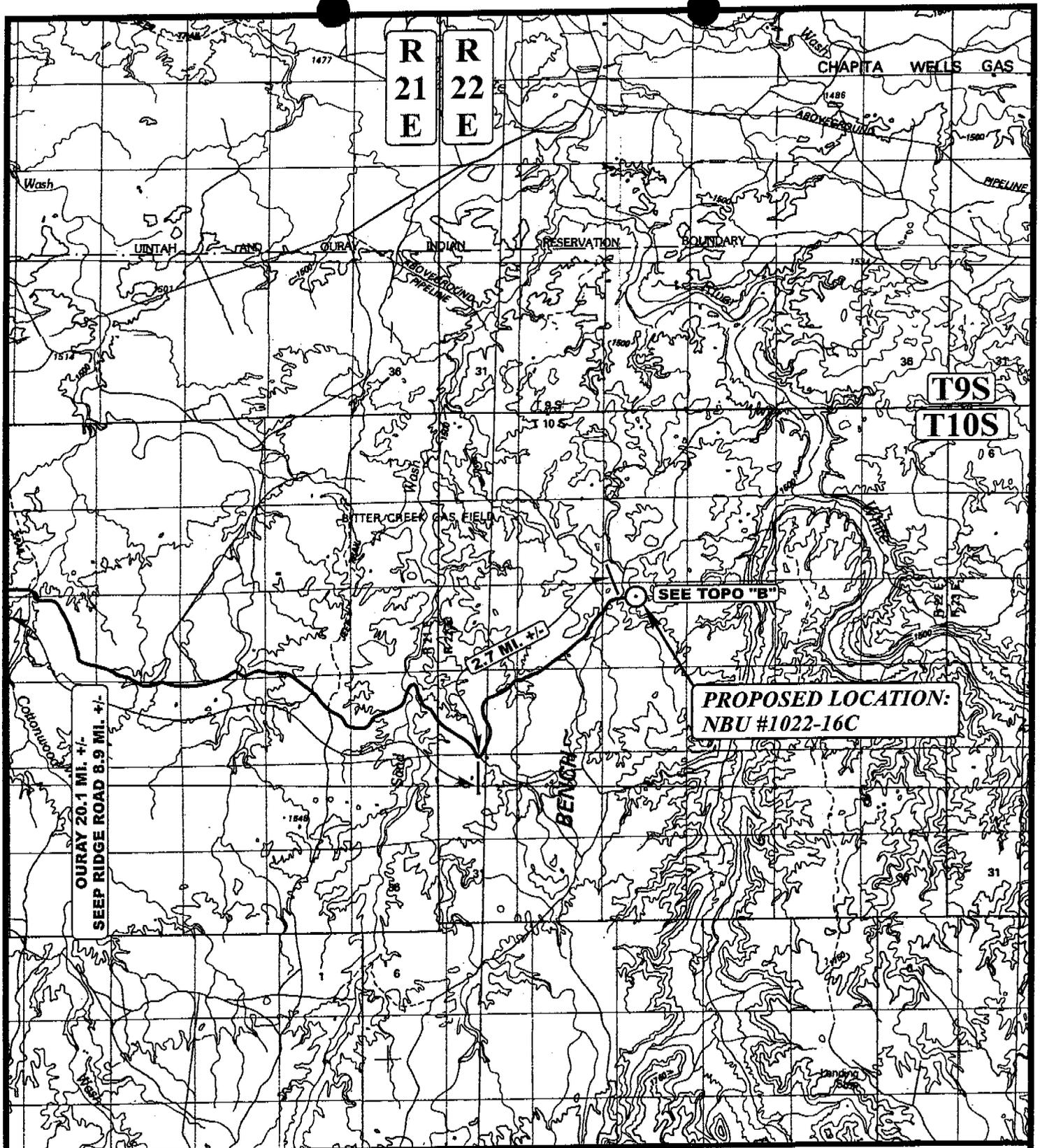
8 12 04
MONTH DAY YEAR

PHOTO

TAKEN BY: K.K.

DRAWN BY: K.G.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-16C

SECTION 16, T10S, R22E, S.L.B.&M.

695' FNL 2163' FWL



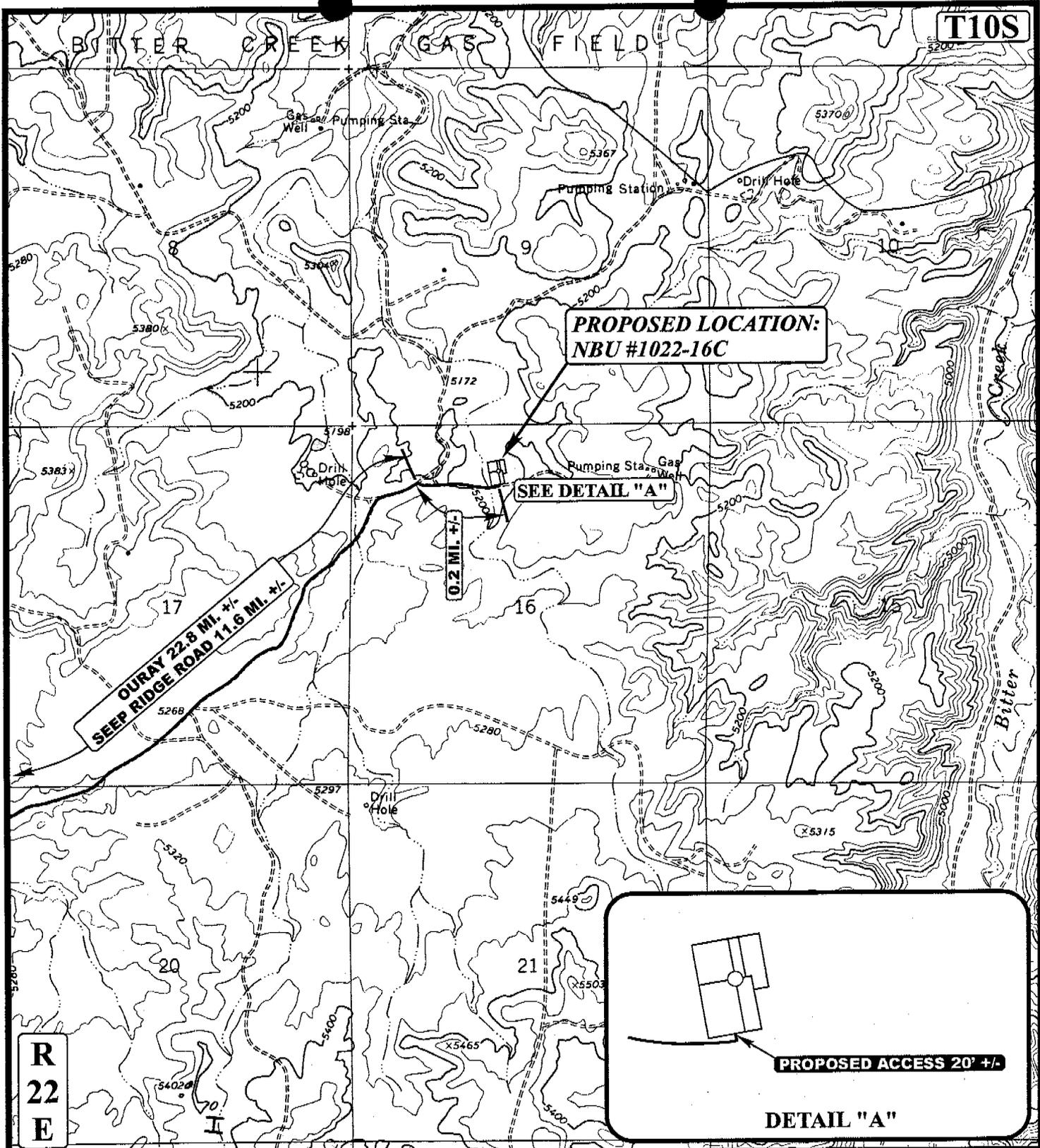
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

8	12	04
MONTH	DAY	YEAR

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





**R
22
E**

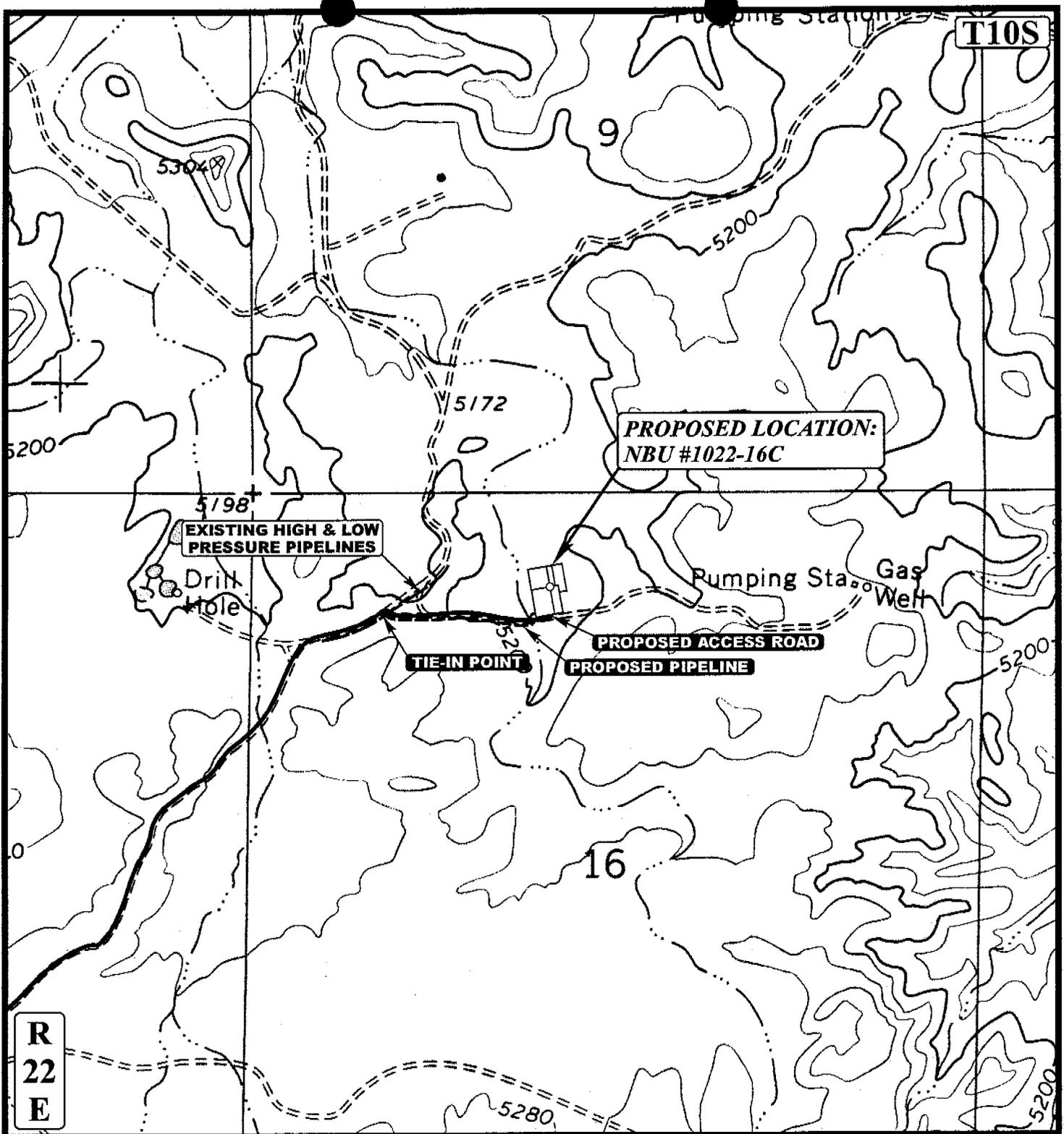
LEGEND:
 - - - - - PROPOSED ACCESS ROAD
 ————— EXISTING ROAD



WESTPORT OIL AND GAS COMPANY, L.P.
 NBU #1022-16C
 SECTION 16, T10S, R22E, S.L.B.&M.
 695' FNL 2163' FWL

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

TOPOGRAPHIC MAP 8 12 04
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00 **B TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,200' +/-

LEGEND:

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- PROPOSED ACCESS



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-16C

SECTION 16, T10S, R22E, S.L.B.&M.

695' FNL 2163' FWL



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

**TOPOGRAPHIC
 MAP**

8	12	04
MONTH	DAY	YEAR



SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

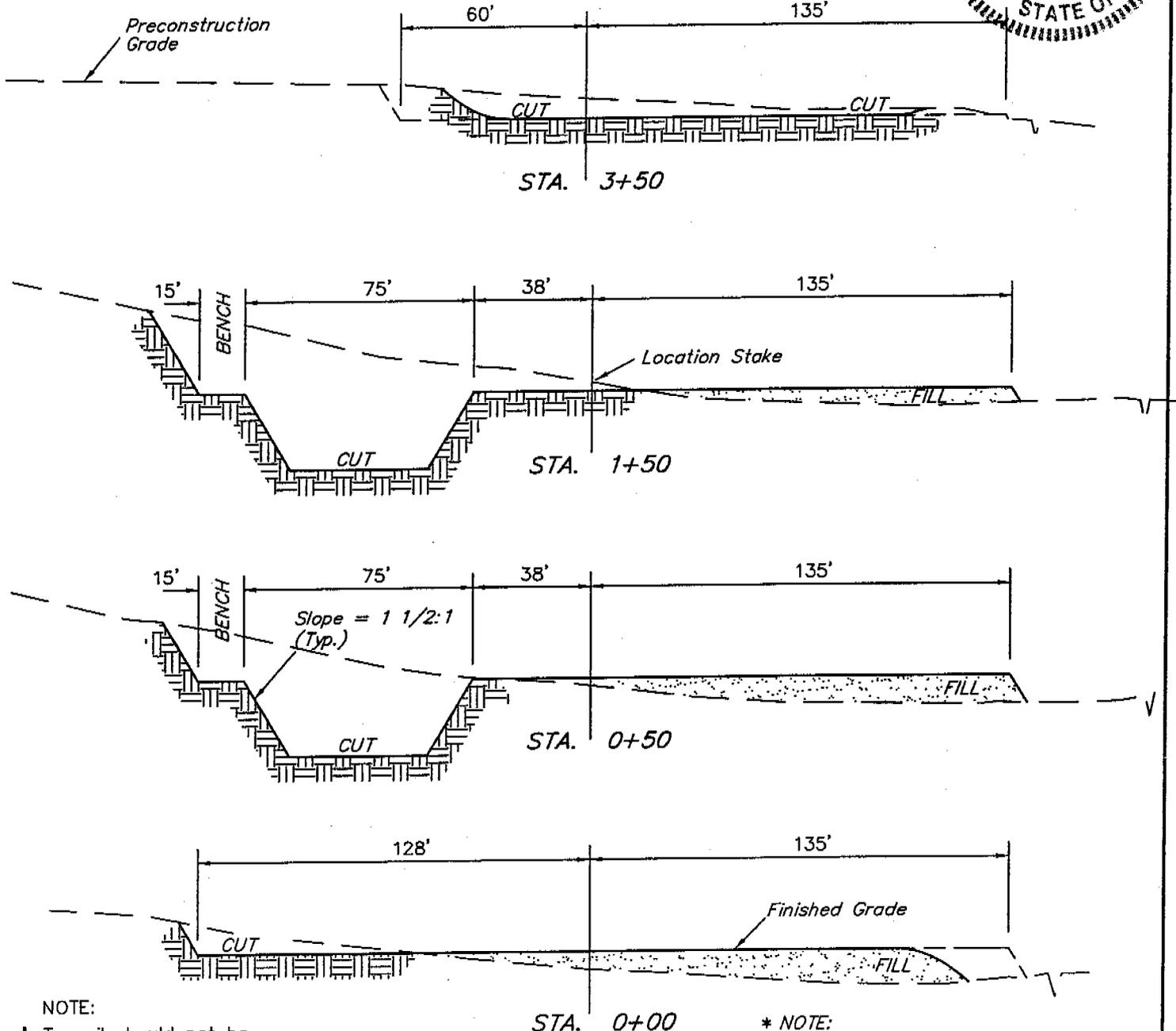
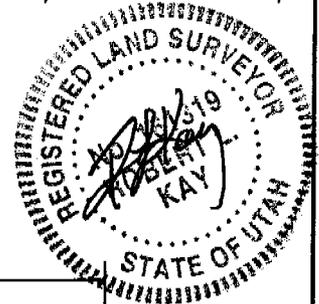
NBU #1022-16C

SECTION 16, T10S, R22E, S.L.B.&M.

695' FNL 2163' FWL

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

DATE: 8-10-04
Drawn By: K.G.



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

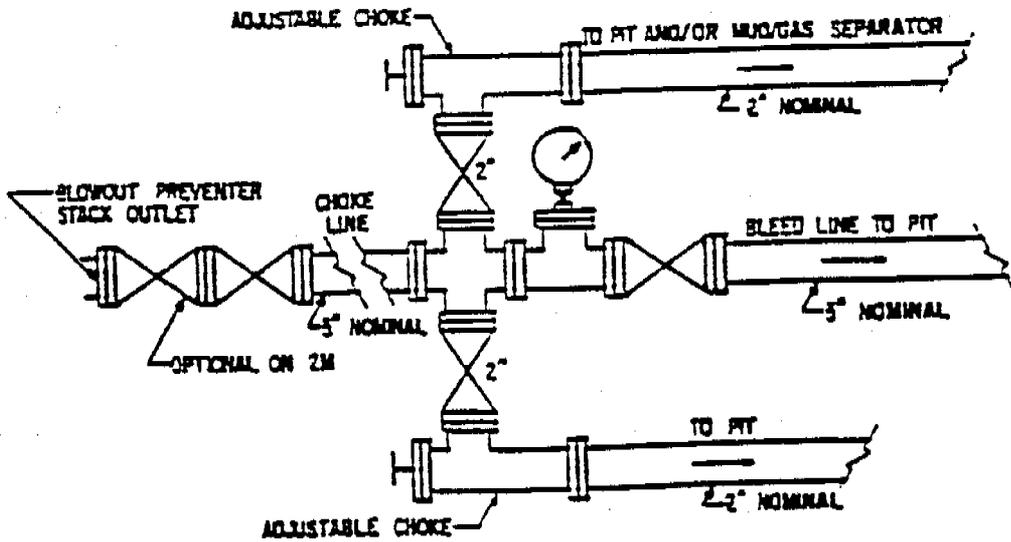
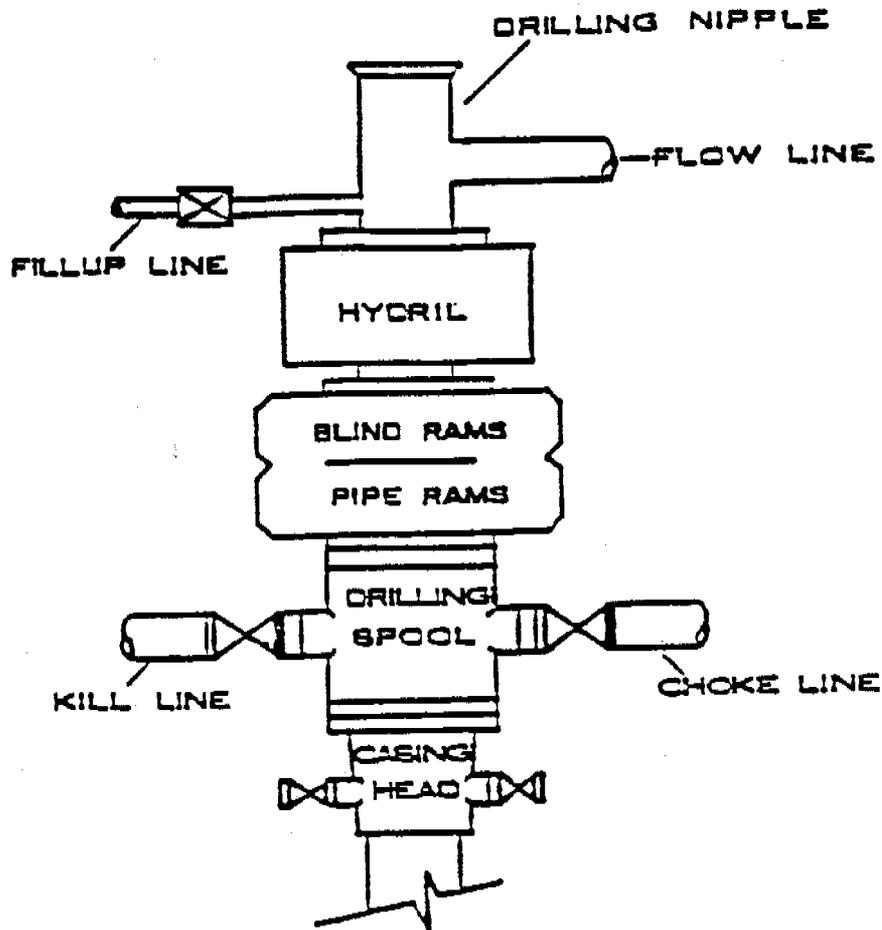
CUT	
(6") Topsoil Stripping	= 1,720 Cu. Yds.
Remaining Location	= 8,430 Cu. Yds.
TOTAL CUT	= 10,150 CU.YDS.
FILL	= 3,450 CU.YDS.

EXCESS MATERIAL	= 6,700 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,690 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,010 Cu. Yds.

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

3,000 PSI

BOP STACK



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/21/2004

API NO. ASSIGNED: 43-047-35947

WELL NAME: NBU 1022-16C

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NENW 16 100S 220E
SURFACE: 0695 FNL 2163 FWL
BOTTOM: 0695 FNL 2163 FWL
UINTAH
NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D/ed	10/27/04
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML3276

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

LATITUDE: 39.95425

LONGITUDE: -109.4457

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)

LOCATION AND SITING:

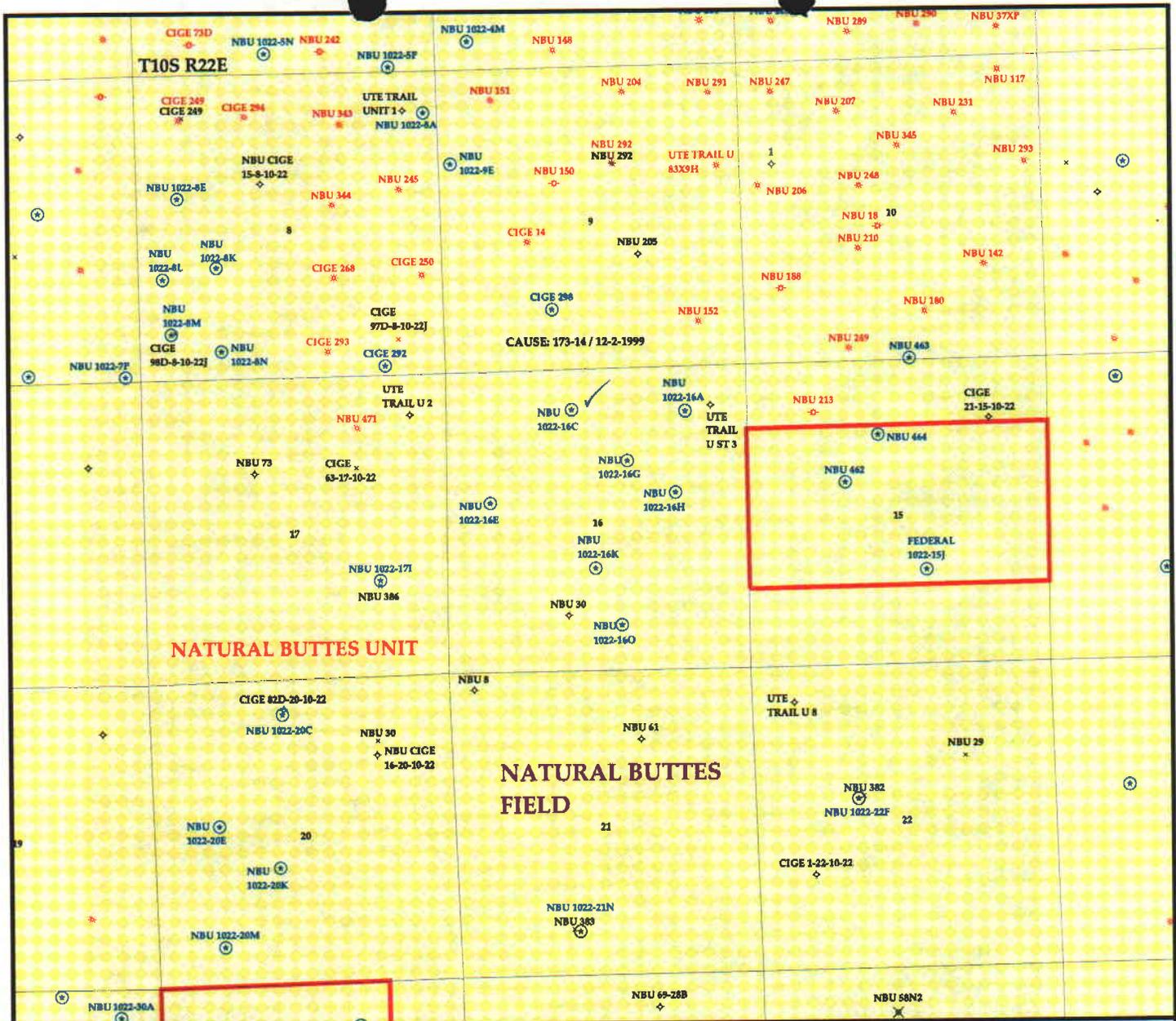
- ___ R649-2-3.
- Unit NATURAL BUTTES
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' fr u/bdy of UNComm. tract
- ___ R649-3-11. Directional Drill

COMMENTS:

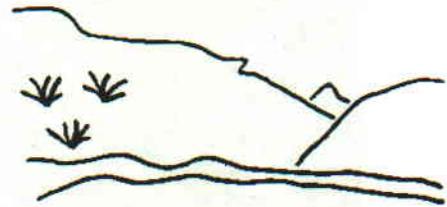
Needs Permit (10-20-04)

STIPULATIONS:

- 1- OIL SHALE
- 2- Surface Agmt Strip
- 3- STATEMENT OF BASIS



OPERATOR: WESTPORT O&G CO (N2115)
SEC. 16 T.10S R.22E
FIELD: NATURAL BUTTES (630)
COUNTY: Uintah
CAUSE: 173-14 / 12-2-1999



Utah Oil Gas and Mining

<p>Wells</p> <ul style="list-style-type: none"> ⊕ 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 	<p>Units.shp</p> <ul style="list-style-type: none"> □ EXPLORATORY □ GAS STORAGE □ NF PP OIL □ NF SECONDARY □ PENDING □ PI OIL □ PP GAS □ PP GEOTHERML □ PP OIL □ SECONDARY □ TERMINATED 	<p>Fields.shp</p> <ul style="list-style-type: none"> □ ABANDONED □ ACTIVE □ COMBINED □ INACTIVE □ PROPOSED □ STORAGE □ TERMINATED
--	---	---



PREPARED BY: DIANA WHITNEY
 DATE: 29-SEPTEMBER-2004

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)

September 29, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2004 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 2004 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-35943	NBU 1022-16H Sec 16	T10S R22E 2169 FNL 1298 FEL
43-047-35944	NBU 1022-16K Sec 16	T10S R22E 1835 FSL 2535 FWL
43-047-35945	NBU 1022-16O Sec 16	T10S R22E 0817 FSL 2290 FEL
43-047-35946	NBU 1022-16A Sec 16	T10S R22E 0763 FNL 1096 FEL
43-047-35947	NBU 1022-16C Sec 16	T10S R22E 0695 FNL 2163 FWL
43-047-35948	NBU 1022-16G Sec 16	T10S R22E 1603 FNL 2126 FEL
43-047-35949	NBU 1022-16E Sec 16	T10S R22E 2281 FNL 0718 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
Fluid Chron

MCoulthard:mc:9-29-04

From: Ed Bonner
To: Whitney, Diana
Date: 10/7/2004 3:06:34 PM
Subject: Well Clearance

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

MSC Exploration LP
State MSC 35-2
North Thompson 2-1

Medallion Exploration
Atchee Ridge 16-19 #1

QEP Uinta Basin, Inc
CB 13G-36-6-20

Prima Oil & Gas Company
State Lost Creek 32-44
(Must avoid site in access road)

Westport Oil & Gas Company
NBU 1022-16H
NBU 1022-16K
NBU 1022-16O
NBU 1022-16A
NBU 1022-16C
NBU 1022-16G
NBU 1022-16E
NBU 1022-16M

Merrion Oil & Gas Corporation
Scud 1
Sparkle Dun 1

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

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

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

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1022-16C
API NUMBER: 43-047-35947
LOCATION: 1/4,1/4 NE/NW Sec: 16 TWP: 10S RNG: 22E 2163' FWL 695' FNL

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 3,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. 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.

Reviewer: Brad Hill **Date:** 10/25/04

Surface:

The predrill investigation of the surface was performed on 10/20/04. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 10/06/04. Mr. Bartlett was present. He had no concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area. Mr. Bartlett gave Ms. Domenici a prescribed seed mix to be used when reserve pit is reclaimed. A diversion ditch will be constructed around the south side of the location to protect location from runoff.

Reviewer: David W. Hackford **Date:** 10/21/2004

Conditions of Approval/Application for Permit to Drill:

None.

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

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1022-16C
API NUMBER: 43-047-35947
LEASE: ML-3276 FIELD/UNIT: NATURAL BUTTES
LOCATION: 1/4,1/4 NE/NW Sec: 16 TWP: 10S RNG: 22E 2163' FWL 695' FNL
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 632763E 4423642N SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CLAY EINERSON, DEBRA DOMENICI (WESTPORT), KOLBY KAY, (UELS).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN A RELATIVELY FLAT AREA OF LOW RIDGES AND SHALLOW DRAWS DRAINING GRADUALLY FOR 1.3 MILES TO THE NORTH, THEN 1.4 MILES TO THE NORTHEAST TO THE WHITE RIVER. BREAKS OF BITTER CREEK CANYON HEAD 1.0 MILES TO THE EAST. BITTER CREEK IS 1.5 MILES TO THE EAST. OURAY, UTAH IS 34.3 MILES TO THE NORTHWEST. THERE IS SHARP, HIGH RIDGE WITH A 25' THICK PROTRUDING SANDSTONE LEDGE 600' TO THE SOUTHEAST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 350' BY 273'. ACCESS ROAD WILL BE 20 FEET.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

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

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?
EXPLAIN: UNLIKELY.

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. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGE, GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE, RABBITBRUSH: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 200' BY 75' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

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

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A COOL, CLOUDY, WINDY DAY WITH NO SNOW COVER.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

10/20/04, 11:30 AM
DATE/TIME

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

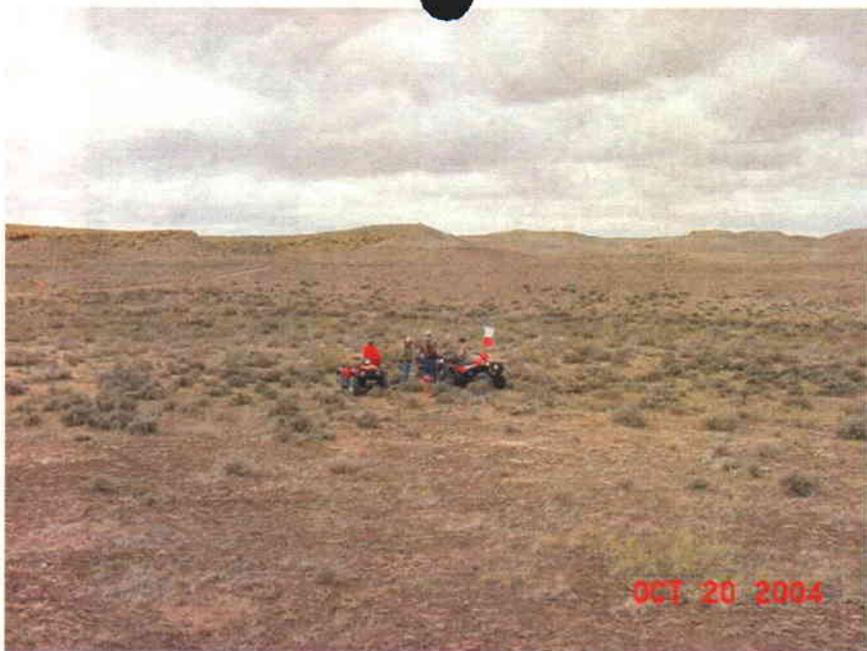
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest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

Final Score 15 (Level II Sensitivity)

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

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

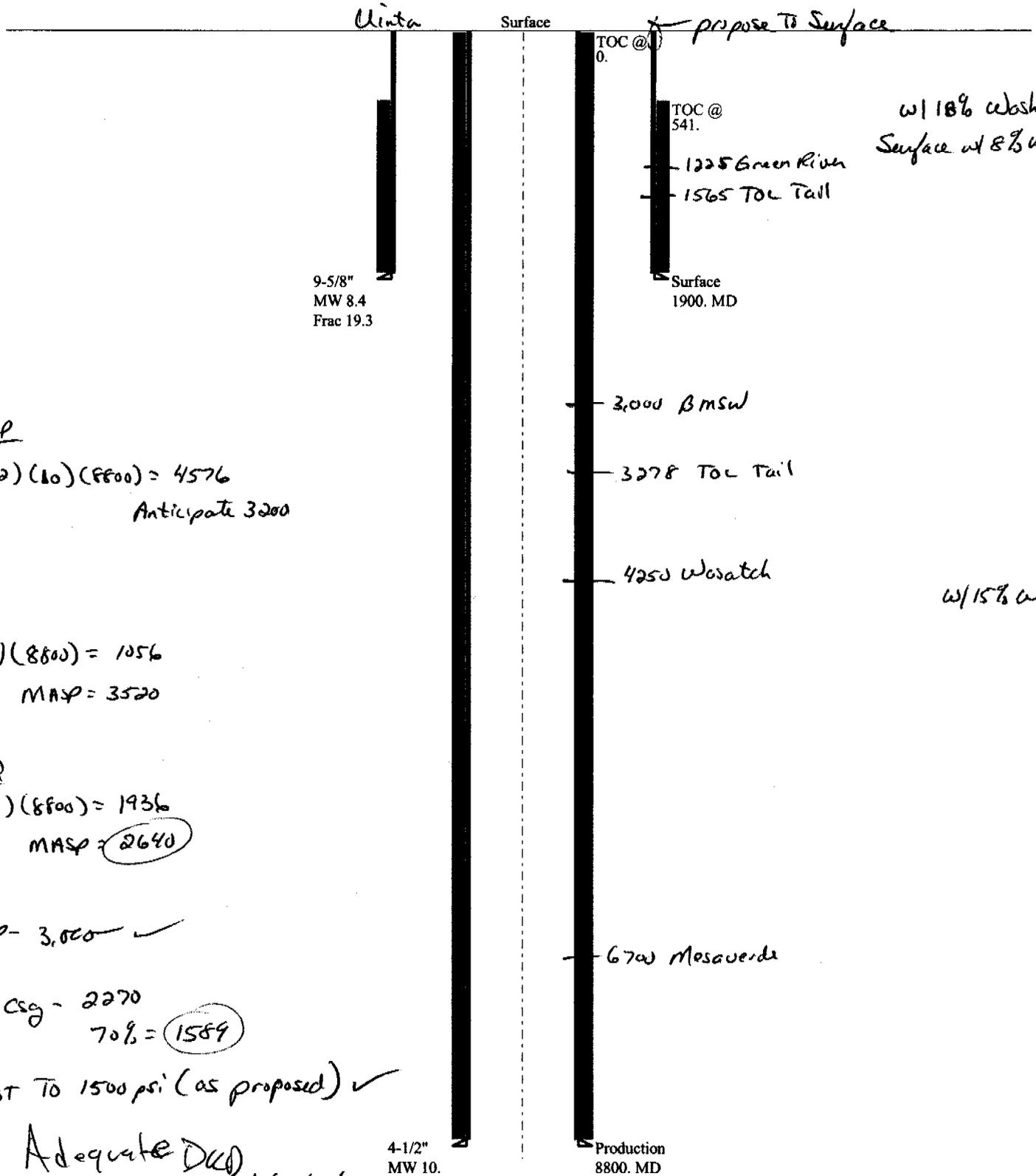
Sensitivity Level III = below 15; no specific lining is required.





10-04 Westport NBU 1022-6C

Casing Schematic



BHP

$$(.052)(10)(8800) = 4576$$

Anticipate 3200

Gao

$$(.12)(8800) = 1056$$

$$MASP = 3520$$

fluid

$$(.22)(8800) = 1936$$

$$MASP = 2640$$

BOP - 3,000 ✓

Surf csg - 2270

$$70\% = 1589$$

Test To 1500 psi (as proposed) ✓

Adequate DCD 10/27/04

w/ 18% Washout
Surface w/ 8% w.o.

w/ 15% Washout

Well name:	10-04 Westport NBU 1022-16C	
Operator:	Westport Oil & Gas	Project ID:
String type:	Surface	43-047-35947
Location:	Uintah	

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:
Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 92 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst

Max anticipated surface pressure: 1,672 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,900 psi

Burst:
Design factor 1.00

Cement top: 541 ft

No backup mud specified.

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

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 1,666 ft

Re subsequent strings:
Next setting depth: 8,800 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,571 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	829	1370	1.652	1900	2270	1.19	54	254	4.72 J

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

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

Date: October 26, 2004
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1900 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	10-04 Westport NBU 1022-16C	
Operator:	Westport Oil & Gas	Project ID:
String type:	Production	43-047-35947
Location:	Uintah	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 188 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 3,515 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 4,571 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 7,484 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8800	4.5	11.60	L-80	LT&C	8800	8800	3.875	204
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	4571	6350	1.389	4571	7780	1.70	87	212	2.44 J

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

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

Date: October 26, 2004
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8800 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

October 27, 2004

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

Re: Natural Buttes Unit 1022-16C Well, 695' FNL, 2163' FWL, NE NW, Sec. 16,
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 43-047-35947.

Sincerely,

John R. Baza
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 1022-16C
API Number: 43-047-35947
Lease: ML3276

Location: NE NW **Sec.** 16 **T.** 10 South **R.** 22 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

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

Page 2

API #43-047-35947

October 27, 2004

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

7. **Surface casing shall be cemented to the surface.**

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

005

6. Lease Designation and Serial Number
ML-3276

7. Indian Allottee or Tribe Name
N/A

8. Unit or Communitization Agreement
NATURAL BUTTES

9. Well Name and Number
NBU 1022-16C

10. API Well Number
43-047-35947

11. Field and Pool, or Wildcat
NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT - for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)

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

3. Address of Operator
1368 SOUTH 1200 EAST, VERNAL, UT 84078

4. Telephone Number
435-781-7044

5. Location of Well
Footage : 695' FNL, 2163' FWL County : UINTAH
QQ, Sec. T., R., M : NENW, SECTION 16, T10S, R22E, SLB&M State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)
 Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off
 Other LOCATION LAYOUT CHANGE

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)
 Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Treat Water Shut-Off
 Other _____

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WESTPORT OIL & GAS COMPANY, L.P. HAS NEED TO CHANGE THE ORIGINAL LOCATION LAYOUT TO ACCOMMODATE FOR A LARGER RIG; PIONEER 38.

PLEASE REFER TO THE ATTACHED LOCATION LAYOUT.

RECEIVED
MAR 01 2005
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 3-2-05
Initials: CHD

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

Name & Signature Raleen Weddle Title Associate Regulatory Date 02/16/05

(State Use Only)

DATE: 03/3/05
DGR/KM/f

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-16C

SECTION 16, T10S, R22E, S.L.B.&M.

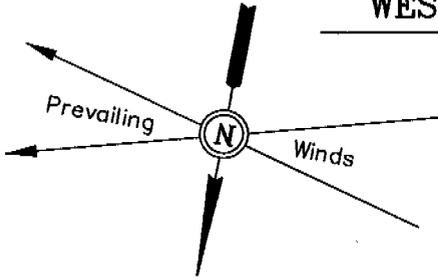
695' FNL 2163' FWL

Existing Road

Proposed Access Road

Install 18" CMP as Needed

Existing Drainage



SCALE: 1" = 50'
DATE: 8-10-04
Drawn By: K.G.
Rev: 12-2-04 E.C.O.

CONSTRUCT DIVERSION DITCH

C-4.6'
El. 199.7'

C-2.6'
El. 197.7'

F-0.2'
El. 194.9'

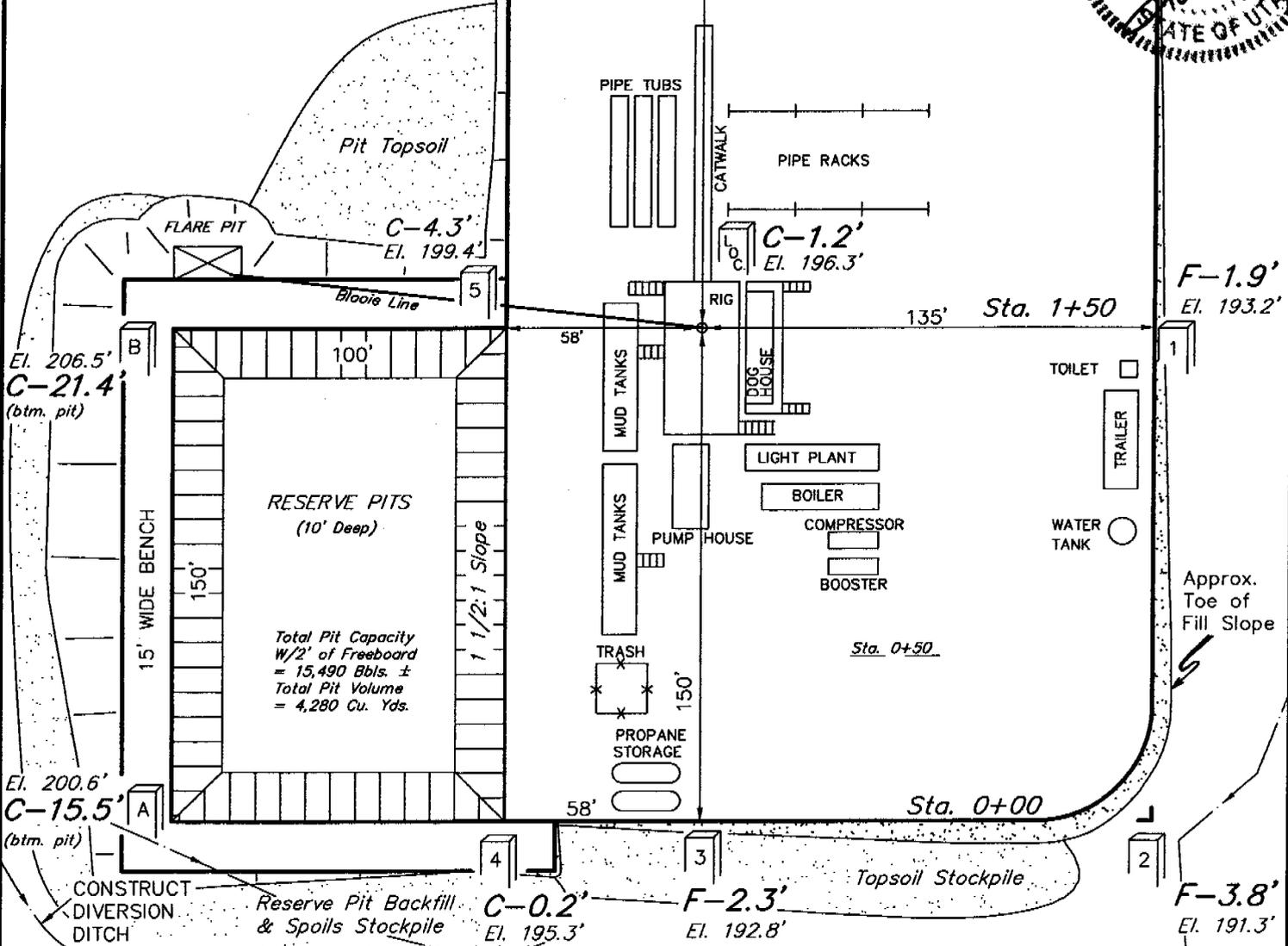
Sta. 3+50

Round Corners as Needed

Approx. Top of Cut Slope



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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5196.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 5195.1'

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

WESTPORT OIL AND GAS COMPANY, L.P.

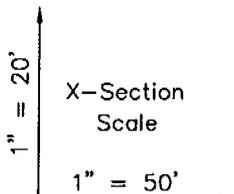
FIGURE #2

TYPICAL CROSS SECTIONS FOR

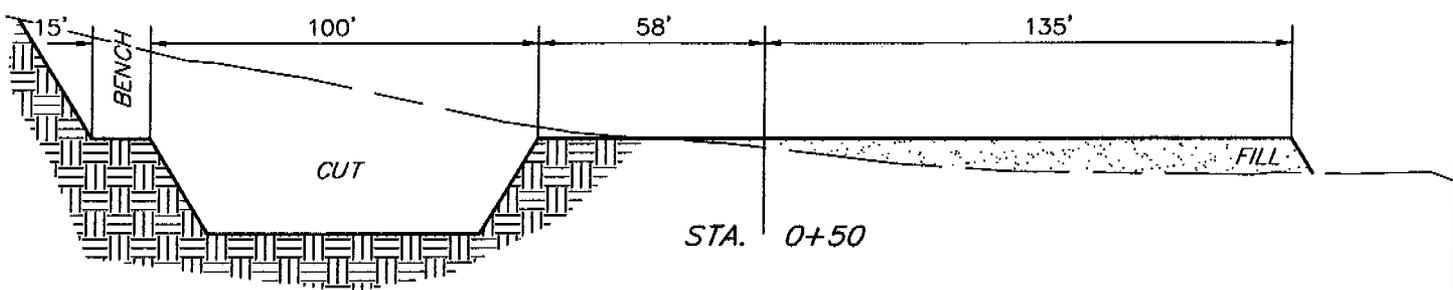
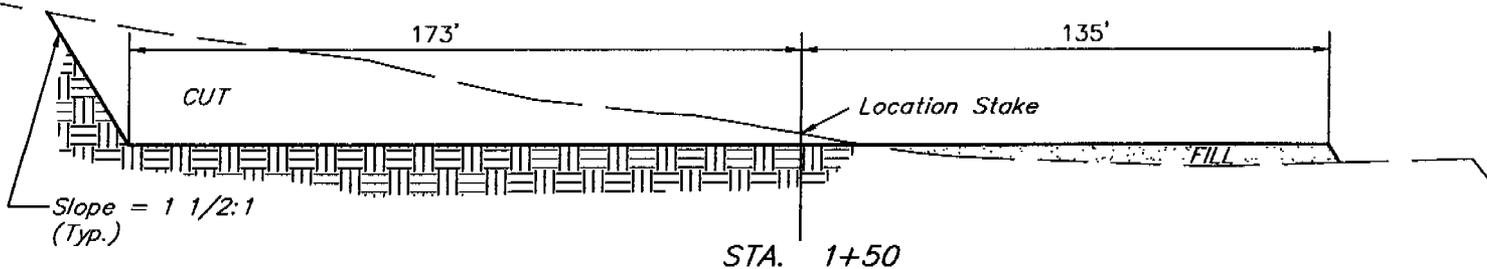
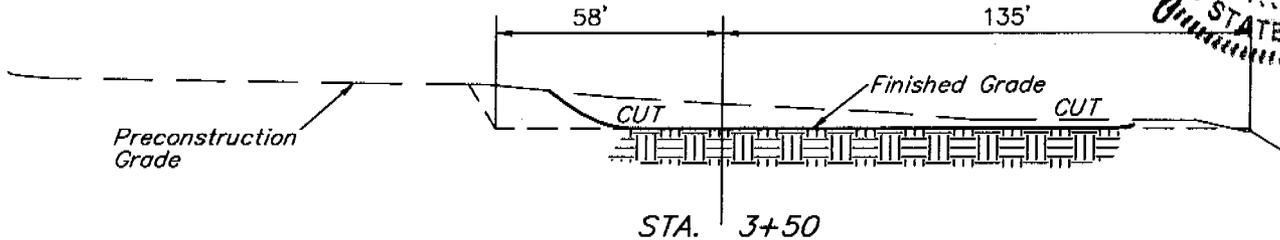
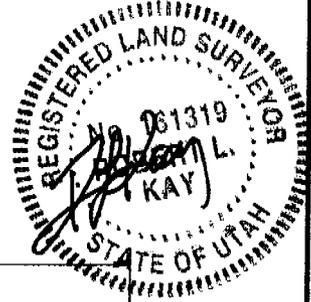
NBU #1022-16C

SECTION 16, T10S, R22E, S.L.B.&M.

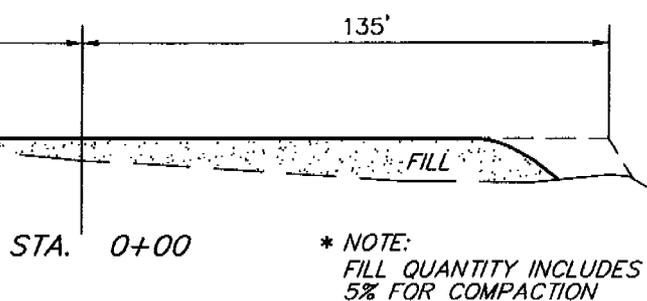
695' FNL 2163' FWL



DATE: 8-10-04
Drawn By: K.G.
Rev: 12-2-04 E.C.O.



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



* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 1,840	Cu. Yds.
Remaining Location	= 11,230	Cu. Yds.
TOTAL CUT	= 13,070	CU.YDS.
FILL	= 3,430	CU.YDS.

EXCESS MATERIAL	= 9,640	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,980	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 5,660	Cu. Yds.

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-35946	NBU 1022-16A	NENE	16	10S	22E	UINTAH	7/19/2005	7/28/05

WELL 1 COMMENTS:
MIRU PETE MARTIN BUCKET RIG *WSTMUD*
SPUD WELL LOCATION ON 7/19/05 AT 8:00 AM

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-35947	NBU 1022-16C	NENW	16	10S	22E	UINTAH	7/15/2005	7/28/05

WELL 2 COMMENTS:
MIRU PETE MARTIN BUCKET RIG *WSTMUD*
SPUD WELL LOCATION ON 7/15/05 AT 8:00 AM

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:

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)
 NOTE: Use COMMENT section to explain why each Action Code (3/89)

Post-It® Fax Note 7671

To: <i>FRANK RUSSELL</i>	From: <i>SHAHA UCHNEAD</i>	Date:	# of pages: <i>1</i>
Co./Dept: <i>UTDVM</i>	Co: <i>WESTPORT O&G CO</i>	Phone: <i>(435) 781-1024</i>	
Phone: <i>(801) 359-5370</i>	Fax: <i>(435) 781-7099</i>		

Shahe Uchnead
Signature
 REGULATORY ANALYST 07/26/05
 Title Date
 RECEIVED (435) 781-7024

JUL 26 2005

P. 01
 FAX NO. 4357817094
 JUL-26-2005 TUE 09:53 AM EL PASO PRODUCTION

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-3276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:

NBU 1022-16C

9. API NUMBER:

4304735947

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

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

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. CITY **VERNAL** STATE **UT** ZIP **84078**

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **695'FNL & 2163'FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 16 10S 22E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input 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: WELL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

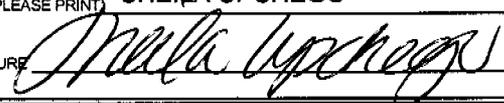
MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 54# STEEL CONDUCTOR PIPE. CMT W/28 SX READY MIX CMT.

SPUD WELL LOCATION ON 7/15/05 AT 8:00 AM.

NAME (PLEASE PRINT) **SHEILA UPCHEGO**

TITLE **REGULATORY ANALYST**

SIGNATURE



DATE **7/26/2005**

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AUG 01 2005

(See Instructions on Reverse Side)

(5/2000)

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 _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3276
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: 695'FNL & 2163'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 10S 22E		8. WELL NAME and NUMBER: NBU 1022-16C
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304735947
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

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

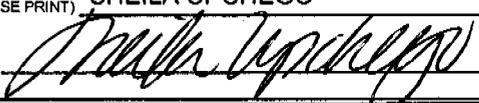
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

MIRU BILL MARTIN AIR RIG. DRILLED 12 1/4" SURFACE HOLE TO 1990'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/270 SX CLASS G @15.6 PPG 1.18 YIELD. TOP OUT W/405 SX CLASS G @15.6 PPG 1.18 YIELD. CMT TO SURFACE.

WORT.

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AUG 16 2005
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 8/3/2005

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3276
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: NBU 1022-16C
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.			9. API NUMBER: 4304735947
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 695'FNL & 2163'FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 10S 22E			STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 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 1990' TO 8611'. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/458 SX PREM LITE II @12.0 PPG 2.38 YIELD. TAILED CMT W/1007 SX 50/50 POZ @14.3 PPG 1.31 YIELD. CMT TO SURFACE.

RELEASED PIONEER RIG 38 ON 8/22/05 AT 8:30 AM.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 8/24/2005

(This space for State use only)

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-3276
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 UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: NBU 1022-16C		9. API NUMBER: 4304735947
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
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: 695'FNL & 2163'FWL		COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 10S 22E		STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input 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: PRODUCTION START-UP
	<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 9/11/05 AT 10:30 AM
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE <i>Sheila Upchego</i>	DATE 9/13/2005

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SEP 20 2005

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-16C

SPUD	Surface Casing Air Rig	Activity	Status
06/24/05		Build Location, 5% complete	Pioneer38
06/27/05		Build Location, 10% complete	Pioneer38
06/28/05		Build Location, 10% complete	Pioneer38
06/29/05		Build Location, 10% complete	Pioneer38
06/30/05		Build Location, 20% complete	Pioneer38
07/01/05		Build Location, 20% complete	Pioneer38
07/04/05		Build Location, 40% complete	Pioneer38
07/05/05		Build Location, 40% complete	Pioneer38
07/06/05		Build Location, 40% complete	Pioneer38
07/07/05		Build Location, 50% complete	Pioneer38
07/08/05		Build Location, 50% complete	Pioneer38
07/11/05		Build Location, 50% complete	Pioneer38
07/12/05		Build Location, 55% complete	Pioneer38
07/13/05		Build Location, 90% complete	Pioneer38
07/14/05		Build Location, 90% complete	Pioneer38
07/15/05		Build Location, 90% complete	Pioneer38
07/18/05		Location Built, WOBR	Pioneer38
07/19/05		Location Built, WOBR	Pioneer38
07/20/05		Location Built, WOBR	Pioneer38
07/21/05		Location Built, WOBR	Pioneer38
07/22/05		Location Built, WOBR	Pioneer38
07/25/05	7/23/05	MIAR. Drill to 1990'	Pioneer38

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SEP 20 2005

07/26/05	7/23/05		MIAR. Drill to 1990'	Pioneer 38
07/27/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
07/28/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
07/29/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/01/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/02/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/03/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/04/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/05/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/08/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/09/05	7/23/05	9 5/8" @ 1951'	Run Surf csg.	Pioneer 38
08/10/05	TD: 1990'	Csg. 9 5/8" @ 1955'	MW: 8.3 SD: 8/XX/05 DSS: 0	Move Pioneer 38 from NBU 1022-16A to 1022-16C. Rig up rotary tools. NU and test BOPE @ report time.
08/11/05	TD: 2345'	Csg. 9 5/8" @ 1955'	MW: 8.3 SD: 8/10/05 DSS: 1	Finish testing BOPE. RIH w 7 7/8" PDC bit and MM and drill cement and FE. Drill to 2345'. Run out of diesel. WO load of diesel @ report time.
08/12/05	TD: 3350'	Csg. 9 5/8" @ 1955'	MW: 8.4 SD: 8/10/05 DSS: 2	WO load of diesel. Drill from 2345'-3350'. DA @ report time.
8/15/05	TD: 6486'	Csg. 9 5/8" @ 1955'	MW: 9.2 SD: 8/10/05 DSS: 5	Drill from 3350'-6486'. DA @ report time.
08/16/05	TD: 7090'	Csg. 9 5/8" @ 1955'	MW: 10.3 SD: 8/10/05 DSS: 6	Drill from 6486'-7090'. DA @ report time.
08/17/05	TD: 7690'	Csg. 9 5/8" @ 1955'	MW: 10.3 SD: 8/10/05 DSS: 7	Drill from 7090'-7690'. DA @ report time.
08/18/05	TD: 8095'	Csg. 9 5/8" @ 1955'	MW: 11.2 SD: 8/10/05 DSS: 8	Drill from 7690'-8095'. Raise mud weight for bit trip. TFNB @ report time.
08/19/05	TD: 8367'	Csg. 9 5/8" @ 1955'	MW: 12.2 SD: 8/10/05 DSS: 9	TFNB. Drill from 8065'-8367'. POOH for plugged string @ report time.
08/22/05	TD: 8611'	Csg. 9 5/8" @ 1955'	MW: 12.2 SD: 8/10/05 DSS: 12	Finish POOH. Change out mud motor. Drill from 8367'-8611' TD. CCH and short trip to 5300'. CCH and POOH for logs. Run triple Combo. RIH and CCH for casing. POOH and lay down drill string. Run and cement 4 1/2" Production Casing. Set slips. Clean mud tanks @ report time.

08/23/05 TD: 8611' Csg. 9 5/8" @ 1955' MW: 12.2 SD: 8/10/05 DSS: 12
Clean mud tanks and release rig. Rig down rotary tools. Prepare to move to NBU 1022-8N
this am.

09/02/05 PROG: 7:00 AM HELD SAFETY MEETING. ROAD RIG FROM NBU 1022-16A TO NBU
1022-16C. RU RIG & SPOT EQUIPMENT, PU 3-7/8" MILL & SUB & DRIFT & TALLY 279
JTS 2-3/8" J-55 4.7# TBG, RU RIG PMP. CIRC WL CLEAN @ PBSD OF 8,539'. SWI SDFWN
5:00 PM.

09/06/05 PROG: 7:00 AM HELD SAFETY MEETING. POOH LD 26 JTS SB 126 STANDS OF 2-3/8" J-55
TBG, MIRU CUTTERS RIH & RUN CEMENT BOND LOG TAG PBSD @ 8,540' CEMENT TOP
@ 400', GOOD BOND, MIRU B&C QUICK TEST, PRESS TEST CSG & FRAC VALVES TO
7,500#, GOOD TEST. RDMO B&C QUICK TEST. RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES
90 DEG PHASING & PERF 7,920'-7,922' 4SPF, 8,070'-8,073' 4SPF, 8,319'-8,324' 4SPF (40
HOLES) POOH W/WIRE LINE SWI SDFWE 4:00 PM.

09/07/05 PROG: 6:00 AM HELD SAFETY MEETING. MIRU SCHLUMBERGER & CUTTERS TO
FRAC & PERF PRESS TEST SURFACE LINES TO 8,750# GOOD TEST NO LEAKS.

STAGE 1: BRK 3315# @ 3.0 BPM, ISIP: 2,532#, FG: .75. PMP 65 BBLs @ 40.3 BPM @
5,470# 35 OF 40 HOLES OPEN. MP: 5,740#, MR: 40.5 BPM, AP: 4,584#, AR: 39.5 BPM, ISIP:
3,675, FG: .89, NPI: 1,143#, PMP 2,170 BBLs YF 120 ST+, 273,100 # 20/40 SD, 400#
PROPNET.

STAGE 2: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLE 90 DEG PHASING & CBP SET
HALLIBURTON 5K CBP @ 7,507' & PERF 7,074'-7,080' 4SPF, 7,326'-7,330' 4SPF & 7,473'-
7,477' 4SPF 56 HOLES BRK 2,842# @ 4.8 BPM, ISIP: 2,133#, FG: .73. PMP 20 BBLs @ 52.3
BPM @ 5,450# 46 OF 56 HOLES OPEN. MP: 5,783#, MR: 52.8 BPM, AP: 4,386#, AR: 51.9
BPM, ISIP: 2,573, FG: .79, NPI: 440#, PMP 3,465 BBLs YF 120 ST+, 478,400 # 20/40 SD,
600# PROPNET

STAGE 3: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLE 90 DEG PHASING & CBP SET
HALLIBURTON 5K CBP @ 6,748' & PERF 6714'-6718' 4SPF, & 6616'-6622' 4SPF 40 HOLES
BRK 2,892# @ 3.9 BPM, ISIP: 1,538#, FG: .67 PMP 20 BBLs @ 35.3 BPM @ 3,777# 36 OF 40
HOLES OPEN. MP: 3,798#, MR: 35.5 BPM, AP: 3,049#, AR: 35.1 BPM, ISIP: 2,451, FG: .81,
NPI: 913#, PMP 1,321 BBLs YF 118 ST+, 170,500 # 20/40 SD, 250# PROPNET.

STAGE 4: RIH W/3-1/8" PORTED GUNS 12 GRM .34 HOLE 90 DEG PHASING & CBP SET
HALLIBURTON 5K CBP @ 6,295' & PERF 6,032'-6,036' 4SPF, & 6,246'-6,254' 4SPF 36
HOLES BRK 2,209# @ 3.7 BPM, ISIP: 1,645#, FG: .71. PMP 20 BBLs @ 25.7 BPM @ 2,750#
36 OF 36 HOLES OPEN. MP: 3,658#, MR: 25.9 BPM, AP: 2,495#, AR: 25.8 BPM, ISIP: 2,237,
FG: .80, NPI: 592#, PMP 812 BBLs YF 118 ST+, 99,400 # 20/40 SD, 150# PROPNET.

STAGE 5: RIH W/3-1/8" PORTED GUNS 12 GRM .34 HOLE 90 DEG PHASING & CBP SET
HALLIBURTON 5K CBP @ 5,433' & PERF 5,118'-5,122' 4SPF, & 5,396'-5,403' 4SPF 44
HOLES BRK 3,230# @ 3.9 BPM, ISIP: 880#, FG: .61. PMP 20 BBLs @ 25.7 BPM @ 2,535#
44 OF 44 HOLES OPEN. MP: 2,735#, MR: 25.9 BPM, AP: 2,346#, AR: 25.8 BPM, ISIP: 2,203,
FG: .86, NPI: 1323#, PMP 784 BBLs YF 118 ST+, 101,000 # 20/40 SD, 150# PROPNET (KILL
PLUG) RIH SET HALLIBURTON 5K CBP @ 5,050' RDMO CUTTERS & SCHLUMBERGER.
ND FRAC VALVES NU BOP. RU PWR SWVL SPOT TBG TRAILER. SWI SDFN 5:00 PM.

09/08/05 PROG: 7:00 AM HELD SAFETY MEETING. PU 3-7/8" BIT & FAST EDDIE POBS RIH
W/165 JTS OF 2-3/8" J-55 TBG BRK CIRC. W/RIG PMP
C/O 10' OF SD TAG PLG #1 @ 5,050' DRL PLG IN 7 MIN 100# INCREASE RIH
C/O 30' OF SD TAG PLG #2 @ 5,433' DRL PLG IN 10 MIN 700# INCREASE RIH

C/O 45' OF SD TAG PLG #3 @ 6,295' DRL PLG IN 10 MIN 500# INCREASE RIH
C/O 30' OF SD TAG PLG #4 @ 6,748' DRL PLG IN 12 MIN 750# INCREASE RIH
CIRC SD OFF PERFS 7,326' TO 7,477' TOTAL OF 175' RIH TAG PLUG #5 DRL PLUG IN 15
MIN 500# INCREASE C/O 191' OF SD TO 8,432' PBD. RD PWR SWVL, POOH LD 31 JTS
LAND TBG 248 JTS 2-3/8" J-55 4.7# EOT @ 7,613.29', DROP BALL TO SHEAR OFF BIT, ND
BOP NU WH PMP OFF BIT @ 2,100#, TURN WL OVER TO FLW TESTERS RD RIG SDFN 5:00
PM.

09/09/05 PROG: WELL ON FLOWBACK. FLOWBACK REPORT: CP:475, TP:650, CHK 22, BWPH 45,
HRS 24, SD:LIGHT , ORIGINAL BLTR: 8,552 BBLs, TODAY'S BBLs: 1,080 BBLs,
REMAINING LTR: 5,222 BBLs, TOTAL LOAD REC TO DATE: 3,330 BBLs.

09/12/05 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1850#, TP: 950#, 22/64 CHK, 15
BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 500, TODAY'S LTR: 4472 BBLs, LOAD
REC TODAY: 500 BBLs, REMAINING LTR: 3972 BBLs, TOTAL LOAD REC TO DATE:
4580 BBLs.

WELL WENT ON SALES: 9/11/05, 10:30 AM. 1300 MCF, 23/64 CHK, SICP: 1779#, FTP: 855#, 38
BWPH. FINAL REPORT FOR COMPLETION.

09/13/05 **ON SALES**
09/11/05: 704 MCF, 0 BC, 751 BW, TP: 743#, CP: 1534#, 23/64 CHK, 19.5 HRS, LP: 338#.

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-3276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NBU 1022-16C

9. API NUMBER:
4304735947

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENW 16 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:
WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: **(435) 781-7024**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **695'FNL & 2163'FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUNDED: **7/15/2005** 15. DATE T.D. REACHED: **8/22/2005** 16. DATE COMPLETED: **9/11/2005** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5196'GL

18. TOTAL DEPTH: MD **8,611** TVD _____ 19. PLUG BACK T.D.: MD **8,539** 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 IND - PLAT NEW MICRO-GR-IND

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	54#		40		28			
12 1/4"	9 5/8 H-40	32.3#		1,990		675			
7 7/8"	4 1/2 I-80	11.6#		8,611		1465			

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"	7,613							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) WASATCH	5,118	6,254			5,118 - 6,254	0.34	80	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) MESAVERDE	6,616	8,324			6,616 - 8,324	0.35	136	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"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5118'-6254'	PMP 1596 BBLS YF118ST & 200,400# 20/40 JORDAN SD
6616'-8324'	PMP 6956 BBLS YF120ST & 922,000# 20/40 JORDAN 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: 9/11/2005		TEST DATE: 9/12/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,367	WATER - BBL: 660	PROD. METHOD: FLOWING
CHOKE SIZE: 23/64	TBG. PRESS. 605	CSG. PRESS. 1,289	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,367	WATER - BBL: 660	INTERVAL STATUS: PROD	

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 9/11/2005		TEST DATE: 9/12/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 1,367	WATER - BBL: 660	PROD. METHOD: FLOWING
CHOKE SIZE: 23/64	TBG. PRESS. 605	CSG. PRESS. 1,289	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,367	WATER - BBL: 660	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.

34. FORMATION (Log) MARKERS:

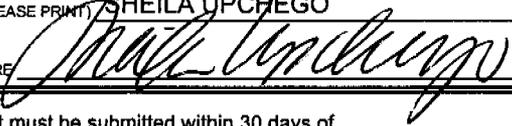
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,250 6,681	6,681			

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 9/28/2005

This report must be submitted within 30 days of

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

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

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	1/6/2006
FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok
- 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 5/16/06
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 enable the applicant to conduct operations thereon.	Office	

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

SEE ATTACHED

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

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3276
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: NBU 1022-16C
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304735947
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 695'FNL, 2163'FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 10S 22E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/23/2008</u>	<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 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 checked="" 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 PERFORM A WATER SHUT-OFF ON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO SQUEEZE THE PERFORATIONS FROM 5118'-5122'.

PLEASE REFER TO THE ATTACHED WATER SHUT-OFF PROCEDURE.

COPY SENT TO OPERATOR
Date: 6-24-2008
Initials: KS

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>SENIOR LAND ADMIN SPECIALIST</u>
SIGNATURE	DATE <u>6/18/2008</u>

(This space for State use only)

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

DATE: 6/23/08
BY: (See Instructions on Reverse Side)

RECEIVED
JUN 19 2008
DIV. OF OIL, GAS & MINING

NBU 1022-16C WATER SHUT-OFF PROCEDURE

- 1) MIRU. N/D WH. N/U BOPE. POOH W/TUBING (EOT – 7613')
- 2) P/U BIT AND CLEAN-OUT WELL TO 8558' (PBTD). POOH.
- 3) R/U WIRELINE AND LUBRICATOR. RIH W/4-1/2" CBP ON WIRELINE AND SET SAME @ ~5185'. POOH. RIH W/4-1/2" CICR ON TUBING AND SET SAME @ ~5020'.
- 4) FILL HOLE AND PRESSURE TEST CASING TO 2000 PSI. STING INTO CICR AND ESTABLISH INJECTION RATE.
- 5) R/U CEMENT COMPANY AND PUMP RECOMMENDED CEMENT JOB INTO PERFORATIONS AT 5118-5122'. REVERSE CIRCULATE TUBING CLEAN. POOH W/STINGER. WOC.
- 6) RIH W/ 3-7/8" BIT. D-O CICR AND CEMENT TO ~5140'. PRESSURE TEST CASING AND PERFORATIONS TO 1500 PSI FOR 10 MINUTES. RESQUEEZE IF NECESSARY. POOH.
- 7) RIH W/ 3-7/8" BIT AND POBS. D-O CBP AND C-O TO PBTD @ ~8558'.
- 8) P/U TUBING AND LAND SAME AT ~7600'. PUMP-OFF BIT AND SUB. SHUT-IN FOR 30 MINUTES TO ALLOW BIT TO FALL TO BOTTOM.
- 9) N/D BOPE. N/U WH. RDMO AND RTP. SWAB WELL IN IF NECESSARY.

NBU 1022-16C RIG MAINTENANCE JUNE 2008

Relevant History

- SEPT 2005: Completed with 5 x-linked gel frac stages in the Mesa Verde and Wasatch. C-O well to 8432'. Landed tubing at 7613' and pumped-off bit. PBTD@8558'. Deepest perforation – 8324'.
- AUG 2006: Fish plunger and spring. Ran broach to SN. Scale from 6800' to 7603'.
- JUN 2007: Fish plunger and spring. Ran broach to SN. Tubing had a little scale. TD@8302'.

Notes:

- **Be sure that plunger and spring are removed before beginning operations.**
- This well has been flowing for the last few weeks and is not expected to have H2S. **Although use H2S monitoring devices as appropriate.**
- All squeeze work will require BLM approval before conducting operations. After the temperature log is run, consult with Engineering for procedure to squeeze perfs and submit to BLM.

Symptoms

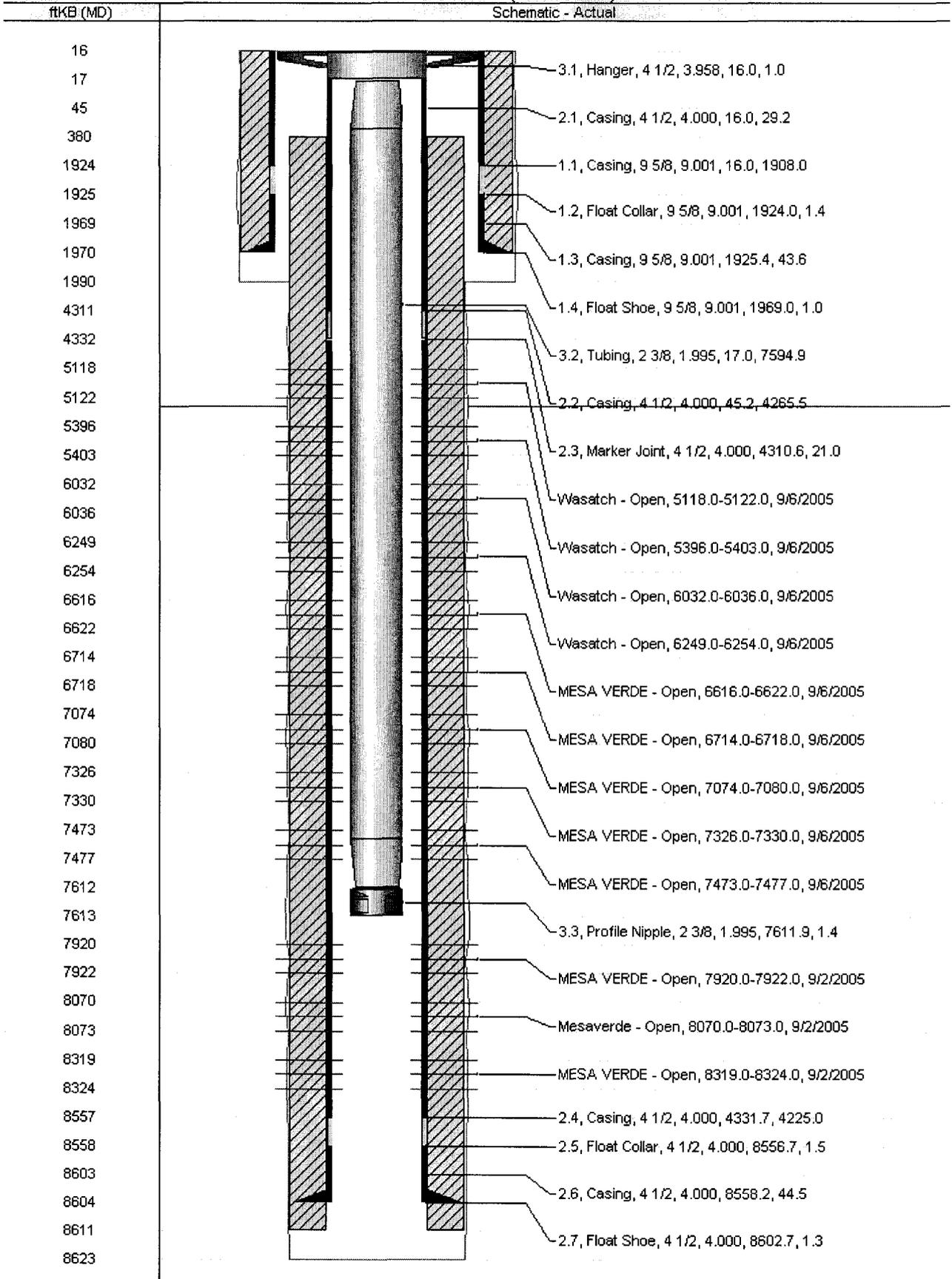
- Well has high water production and is difficult to maintain stable flow.

Prognosis

- C-O well and cement squeeze perforations from 5118-5122'. Maintain tubing depth at 7600'.

Procedure Outline

- MIRU. N/D WH and N/U BOPE. Unland tubing at 7613' and POOH.
- P/U Bit and C-O well to 8558' (PBTD). POOH.
- Consult with Engineering on procedure to squeeze perfs.
- RDMO and RTP. Swab in if necessary.





Anadarko Petroleum Corporation
1368 S. 1200 East
Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-16C

NENW, SEC. 16, T10S, R22E
UINTAH COUNTY, UT

TD:

PBTD:

PERFS: (I.E. 5172' – 9162' WAS/MV)

EOT: (I.E. 2 3/8" J55 @ 8155')

COMPLETION: AFE#

- 09/02/05** PROG: 7:00 AM HELD SAFETY MEETING. ROAD RIG FROM NBU 1022-16A TO NBU 1022-16C. RU RIG & SPOT EQUIPMENT, PU 3-7/8" MILL & SUB & DRIFT & TALLY 279 JTS 2-3/8" J-55 4.7# TBG, RU RIG PMP. CIRC WL CLEAN @ PBTD OF 8,539'. SWI SDFWN 5:00 PM.
- 09/06/05** PROG: 7:00 AM HELD SAFETY MEETING. POOH LD 26 JTS SB 126 STANDS OF 2-3/8" J-55 TBG, MIRU CUTTERS RIH & RUN CEMENT BOND LOG TAG PBTD @ 8,540' CEMENT TOP @ 400', GOOD BOND, MIRU B&C QUICK TEST, PRESS TEST CSG & FRAC VALVES TO 7,500#, GOOD TEST. RDMO B&C QUICK TEST. RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLES 90 DEG PHASING & PERF 7,920'-7,922' 4SPF, 8,070'-8,073' 4SPF, 8,319'-8,324' 4SPF (40 HOLES) POOH W/WIRE LINE SWI SDFWE 4:00 PM.
- 09/07/05** PROG: 6:00 AM HELD SAFETY MEETING. MIRU SCHLUMBERGER & CUTTERS TO FRAC & PERF PRESS TEST SURFACE LINES TO 8,750# GOOD TEST NO LEAKS.
- STAGE 1: BRK 3315# @ 3.0 BPM, ISIP: 2,532#, FG: .75. PMP 65 BBLS @ 40.3 BPM @ 5,470# 35 OF 40 HOLES OPEN. MP: 5,740#, MR: 40.5 BPM, AP: 4,584#, AR: 39.5 BPM, ISIP: 3,675, FG: .89, NPI: 1,143#, PMP 2,170 BBLS YF 120 ST+, 273,100 # 20/40 SD, 400# PROPNET.
- STAGE 2: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLE 90 DEG PHASING & CBP SET HALLIBURTON 5K CBP @ 7,507' & PERF 7,074'-7,080' 4SPF, 7,326'-7,330' 4SPF & 7,473'-7,477' 4SPF 56 HOLES BRK 2,842# @ 4.8 BPM, ISIP: 2,133#, FG: .73. PMP 20 BBLS @ 52.3 BPM @ 5,450# 46 OF 56 HOLES OPEN. MP: 5,783#, MR: 52.8 BPM, AP: 4,386#, AR: 51.9 BPM, ISIP: 2,573, FG: .79, NPI: 440#, PMP 3,465 BBLS YF 120 ST+, 478,400 # 20/40 SD, 600# PROPNET
- STAGE 3: RIH W/3-3/8" EXP GUNS 23 GRM .35 HOLE 90 DEG PHASING & CBP SET HALLIBURTON 5K CBP @ 6,748' & PERF 6714'-6718' 4SPF, & 6616'-6622' 4SPF 40 HOLES BRK 2,892# @ 3.9 BPM, ISIP: 1,538#, FG: .67 PMP 20 BBLS @ 35.3 BPM @ 3,777# 36 OF 40 HOLES OPEN. MP: 3,798#, MR: 35.5 BPM, AP: 3,049#, AR: 35.1 BPM, ISIP: 2,451, FG: .81, NPI: 913#, PMP 1,321 BBLS YF 118 ST+, 170,500 # 20/40 SD, 250# PROPNET.
- STAGE 4: RIH W/3-1/8" PORTED GUNS 12 GRM .34 HOLE 90 DEG PHASING & CBP SET HALLIBURTON 5K CBP @ 6,295' & PERF 6,032'-6,036' 4SPF, & 6,246'-6,254' 4SPF 36 HOLES BRK 2,209# @ 3.7 BPM, ISIP: 1,645#, FG: .71. PMP 20 BBLS @ 25.7 BPM @ 2,750# 36 OF 36 HOLES OPEN. MP: 3,658#, MR: 25.9 BPM, AP: 2,495#, AR: 25.8 BPM, ISIP: 2,237, FG: .80, NPI: 592#, PMP 812 BBLS YF 118 ST+, 99,400 # 20/40 SD, 150# PROPNET.

STAGE 5: RIH W/3-1/8" PORTED GUNS 12 GRM .34 HOLE 90 DEG PHASING & CBP SET HALLIBURTON 5K CBP@ 5,433' & PERF 5,118'-5,122' 4SPF, & 5,396'-5,403' 4SPF 44 HOLES BRK 3,230# @ 3.9 BPM, ISIP: 880#, FG: .61. PMP 20 BBLs @ 25.7 BPM @ 2,535# 44 OF 44 HOLES OPEN. MP: 2,735#, MR: 25.9 BPM, AP: 2,346#, AR: 25.8 BPM, ISIP: 2,203, FG: .86, NPI: 1323#, PMP 784 BBLs YF 118 ST+, 101,000 # 20/40 SD, 150# PROPNET (KILL PLUG) RIH SET HALLIBURTON 5K CBP @ 5,050' RDMO CUTTERS & SCHLUMBERGER. ND FRAC VALVES NU BOP. RU PWR SWVL SPOT TBG TRAILER. SWI SDFN 5:00 PM.

- 09/08/05** PROG: 7:00 AM HELD SAFETY MEETING. PU 3-7/8" BIT & FAST EDDIE POBS RIH W/165 JTS OF 2-3/8" J-55 TBG BRK CIRC. W/RIG PMP
C/O 10' OF SD TAG PLG #1 @ 5,050' DRL PLG IN 7 MIN 100# INCREASE RIH
C/O 30' OF SD TAG PLG #2 @ 5,433' DRL PLG IN 10 MIN 700# INCREASE RIH
C/O 45' OF SD TAG PLG #3 @ 6,295' DRL PLG IN 10 MIN 500# INCREASE RIH
C/O 30' OF SD TAG PLG #4 @ 6,748' DRL PLG IN 12 MIN 750# INCREASE RIH
CIRC SD OFF PERFS 7,326' TO 7,477' TOTAL OF 175' RIH TAG PLUG #5 DRL PLUG IN 15 MIN 500# INCREASE C/O 191' OF SD TO 8,432' PBT. RD PWR SWVL, POOH LD 31 JTS LAND TBG 248 JTS 2-3/8" J-55 4.7# EOT @ 7,613.29', DROP BALL TO SHEAR OFF BIT, ND BOP NU WH PMP OFF BIT @ 2,100#, TURN WL OVER TO FLW TESTERS RD RIG SDFN 5:00 PM.
- 09/09/05** **FLOWBACK REPORT:** CP:475, TP:650, CHK 22, BWPH 45, HRS 24, SD:LIGHT , ORIGINAL BLTR: 8,552 BBLs, TODAY'S BBLs: 1,080 BBLs, REMAINING LTR: 5,222 BBLs, TOTAL LOAD REC TO DATE: 3,330 BBLs.
- 09/11/05** **WELL WENT ON SALES:** @ 10:30 AM. 1300 MCF, 23/64 CHK, SICP: 1779#, FTP: 855#, 38 BWPH. **FINAL REPORT FOR COMPLETION**
ON SALES: 704 MCF, 0 BC, 751 BW, TP: 743#, CP: 1534#, 23/64 CHK, 19.5 HRS, LP: 338#.
- 09/12/05** **FLOWBACK REPORT:** CP: 1850#, TP: 950#, 22/64 CHK, 15 BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 500, TODAY'S LTR: 4472 BBLs, LOAD REC TODAY: 500 BBLs, REMAINING LTR: 3972 BBLs, TOTAL LOAD REC TO DATE: 4580 BBLs.
- WELL IP'D**
09/12/05 **ON SALES:** 1367 MCF, 0 BC, 660 BW, TP: 605#, CP: 1289#, 23/64 CHK, 24 HRS, LP: 349#.
FINAL REPORT

WORKOVER: (DESCR OF WORK) – AFE OR LOE
LOE-SLICKLINE

- 08/21/06** Travel to loc rig up fish plunger then spring from 7563 attempt to run td stack out at 7603 bit down it will not go pass 7603 there was lots of scale on the spring run my broach to 7603 there was scale from 6800 to 7603 came out drop and chase spring and plunger rig down travel to shop
- Fluid Level 6300' Plunger 7563' S/N Depth 7603' Tagged Fill 7603'
Trash: Scale

LOE-SLICKLINE

- 06/08/07** Travel to location rig up fish one plunger at 7632' came out went back in latch on to 2nd plunger 7633' came out went back in latch on to spring @7634' hit oil jars about 10 times nothing I beat and beat hit oil jars about 7 more times nothing beat some more hit oil jars one more time broke loose came out run TD 8302' scratch and broach tubing had a little bit of scale plunger was good spring was bad drop new spring and left plunger out chase spring to seat nipple came out rig down travel to next location
- Fluid Level: 2800' Plunger/SN 7632' TD 8302'
Trash: tubing had a little bit of scale

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-3276
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 1022-16C
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304735947
4. LOCATION OF WELL FOOTAGES AT SURFACE: 695'FNL, 2163'FWL		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 16 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: 7/2/2008	<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 checked="" type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

ON 06/25/2008 THE OPERATOR HAS PERFORMED A WATER SHUT-OFF PROCEDURE ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PLACED THE SUBJECT WELL LOCATION BACK ON PRODUCTION.

PLEASE REFER TO THE ATTACHED WATER SHUT-OFF CHRONOLGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE	DATE 7/14/2008

(This space for State use only)

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

WINS No.: 72182		NBU 1022-16C				Start Date: 6/25/2008	
AFE No.: PENDING		Operation Summary Report				End Date: 7/2/2008	
Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES		SPUD DATE 8/10/05	GL 5,195	KB 5211	ROUTE RUN 16
API 4304735947		STATE UTAH		COUNTY UINTAH		DIVISION ROCKIES	
Lat./Long.: Lat./Long.: 39.95434 / -109.44648		Q-Q/Sect/Town/Range: NENW / 16 / 10S / 22E			Footages: 695.00' FNL 2,163.00' FWL		
MTD 8611		TVD 0		LOG MD		PBMD 8432	PBTVD 8432
EVENT INFORMATION:		EVENT ACTIVITY: WORKOVER / REPAIR			REASON: WSO		
		OBJECTIVE: SECONDARY			DATE WELL STARTED/RESUMED:		
		OBJECTIVE2: CEMENT SQUEEZE			Event End Status: COMPLETE		
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release
DOUBLE HOOK / UNK		06/25/2008				07/02/2008	
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
6/25/2008	<u>SUPERVISOR:</u> FRANK WINN 11:00 - 16:30	5.50	WO/REP	30		P	ROAD RIG AND EQUIP FROM NBU 1022-171. RUSU. FTP 200, FCP 200. PUMP 10 BBLS DOWN TBG. UNLAND TBG FROM 7613'. LUB OUT AND LD HANGER. POOH W/ 248-JTS 2-3/8" J-55 TBG. LD BTM 4-JTS DUE TO HEAVY SCALE ON OD. RCVR PLUNGER AND BUMPER SPRING. CONTROL WELL W/ 65-BBLS AS TRIPPING. (NOTE: HAVE WELDER WORKING ON PWR SWIVEL AS PER SAFETY BOB). PMP 75 BBLS. RCVR 108 BBLS.
6/26/2008	<u>SUPERVISOR:</u> FRANK WINN 7:00 - 15:30	8.50	WO/REP	30		P	HSM. SICP 900. MIRU CASED HOLE EWL. RUN 3.625" GR/JB TO 5250'. (RCVR 1-PIECE OF RUBBER). RUN 4-1/2" BAKER 8K CBP AND SET AT 5184'. RD EWL. BLOW CSG TO FBT. PUMP 35' MU WCS 4-1/2" CICR (MECH), 1.87" XN-NIPPLE AND RIH AS TALLY 163 JTS 2-3/8" J-55 TBG. SET CICR AT 5000'. PUMP 4 BBLS DOWN TBG AND TEST TO 3000 PSI. GOOD. PUMP 14 BBLS DOWN CSG. RELEASE FROM CICR. REV CIRC 60 BBLS TO GET GAS OUT. STING INTO CICR. P-TEST CSG TO 2000 PSI. GOOD. EST INJ RATE INTO PERFS 5118-22'. 4 BBLS TO FILL TBG AND PUMP 10 BBLS AT 2.5 BPM AT 1200 PSI. ISIP 300 PSI. SDFN.
6/27/2008	<u>SUPERVISOR:</u> FRANK WINN 7:00 - 15:00	8.00	WO/REP	30		P	HSM. SITP VAC, SICP 0. MIRU PRO-PETRO. P-TEST LINES TO 3000 PSI. PUT 500 ON CSG. PUMP 16 BBLS FRESH, 20.5 BBLS (100 SX) NEAT 'G' CMT, 20.5 BBLS (100 SX) 'G' CMT W/ .2% FLUID LOSS. DISPLACE W/ 12.75 BBLS. PRESSURE WALKED UP TO 2600 PSI. LOST 100 PSI IN 5-MIN THEN HELD. UNSTING FROM CICR W/ 2500 PSI UNDER. REV CIRC CLEAN W/ 30 BBLS 2%. RD PRE-PETRO. POOH W/ 163-JTS 2-3/8" J-55 TBG. LD SETTING TOOL MU AND RIH W/ 3-7/8" BIT, BIT SUB, AND 1.87" XN NIPPLE ON 140-JTS 2-3/8" J-55 TBG. SDFN W/ EOT AT 4298'
6/30/2008	<u>SUPERVISOR:</u> FRANK WINN 7:00 - 17:00	10.00	WO/REP	30		P	HSM. SITP 0, SICP 0. CONT RIH W/ 3-7/8" BIT ON 2-3/8" TBG FROM 4298' TO TAG CMT AT 4988' W/ 163-JTS IN. LD 5-JTS AND RUN BACK IN. RU DRLG EQUIP AND EST REV CIRC. D/O 12' CMT FROM 4988' TO CICR AT 5000. D/O CICR AND CMT DOWN TO 5134' W/ #168 (FELL THRU CMT). CIRC CLEAN AT 5159'. P-TEST CSG TO 2000 PSI. GOOD. START AIR/FOAM DOWN TBG. D/O CBP AT 5184' W/ 169-JTS IN 5-MIN, 250 PSI INCREASE. PUMP 10 BBLS DOWN TBG. HANG PWR SWIVEL MEAS AND PU 2-3/8" TBG AS RIH TO TAG FILL AT 8104' W/ 264 JTS IN. POOH W/ 25-JTS. SDFN W/ 239-JTS IN, EOT AT 7321'.
7/1/2008	<u>SUPERVISOR:</u> FRANK WINN						

Wins No.: 72182		NBU 1022-16C				API No.: 4304735947	
EVENT INFORMATION:		EVENT ACTIVITY: WORKOVER / REPAIR				REASON: WSO	
		OBJECTIVE: SECONDARY				DATE WELL STARTED/RESUMED:	
		OBJECTIVE2: CEMENT SQUEEZE				Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization		Rig On Location		Rig Charges	
		Rig Operation Start		Finish Drilling		Rig Release	
		Rig Off Location					
DOUBLE HOOK / UNK		06/25/2008				07/02/2008	
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
	7:00 - 18:00	11.00	WO/REP	30		P	HSM. SITP 900, SICP 1300. OPEN CSG TO FBT. PUMP 10 BBLS 2% DOWN TBG. RUN BACK IN W/ 3-7/8" BIT FROM L3321 TO 8094' W/ 263-JTS 2-3/8" J-55 TBG IN. PU PWR SWIVEL AND START AIR/FOAM DOWN TBG. MADE LOTS OF WTR, HAD TO SHUT IN AND WAIT ON WTR TRUCK TO CATCH UP. C/O SAND AND SCALE FROM 8104' TO 8432' (OLD POBS) W/ 274-JTS IN. CIRC CLEAN. PUMP 10 BBLS 2% DOWN TBG. RD PWR SWIVEL. POOH AS LD 27-JTS AND SB 247-JTS. LD 3-7/8" BIT, BIT SUB AND XN-NIPPLE. CONTROL WELL W/ 50 BBLS. MU AND RIH W/ 1.87" XN-NIPPLE ON 103-JTS 2-3/8" J-55 TBG. EOT AT 3160'. SDFN
7/2/2008	SUPERVISOR: FRANK WINN						
	7:00 - 11:30	4.50	WO/REP	30		P	HSM. SITP, SICP. OPEN CSG TO FBT. PUMP 10 BBLS DOWN TBG. CONT RIH W/ 2-3/8" J-55 PROD TBG. PU 4" 10K HANGER. LUB IN AND LAND 247-JTS 2-3/8" J-55 TBG W/ EOT AT 7588.04'. PUMP BBLS DOWN TBG. RU SANDLINE AND RUN 1.90" BROACH TO SN, GOOD. RD SANDLINE. RD FLOOR. ND BOP. NU WH. RDSU AND MO.
							TBG DETAIL KB 16.00
							FLUIDS
							4" 10K HANGER .83 PUMP
							295 BBLS
							247-JTS 2-3/8" J-55 TBG 7570.16 RCVR
							690 BBLS
							1.87" XN-NIPPLE 1.05 (NOTCHED BTM)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML3276
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 1022-16C
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047359470000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0695 FNL 2163 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 16 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/26/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THIS WELL RETURNED TO PRODUCTION ON 4/26/2010.

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

FOR RECORD ONLY
 April 26, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 4/26/2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML3276
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 1022-16C	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047359470000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0695 FNL 2163 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 16 Township: 10.0S Range: 22.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/15/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" 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: 50px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator requests authorization to plug and abandon the subject well location. Plug and abandonment procedures are attached. Thank you.</p> <p style="text-align: right;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="text-align: right;">Date: <u>09/20/2011</u></p> <p style="text-align: right;">By: <u><i>Dark K. Quist</i></u></p>		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/15/2011	

Please Review Attached Conditions of Approval

RECEIVED Aug. 15, 2011



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 43047359470000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. AMEND PLUG #4: Do not perf @ 2040' (note CBL shows TOC @ 450'). A 100' plug set inside the casing from 2040' to 1940' is adequate (\pm 8sx).**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. 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.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

8/17/2011

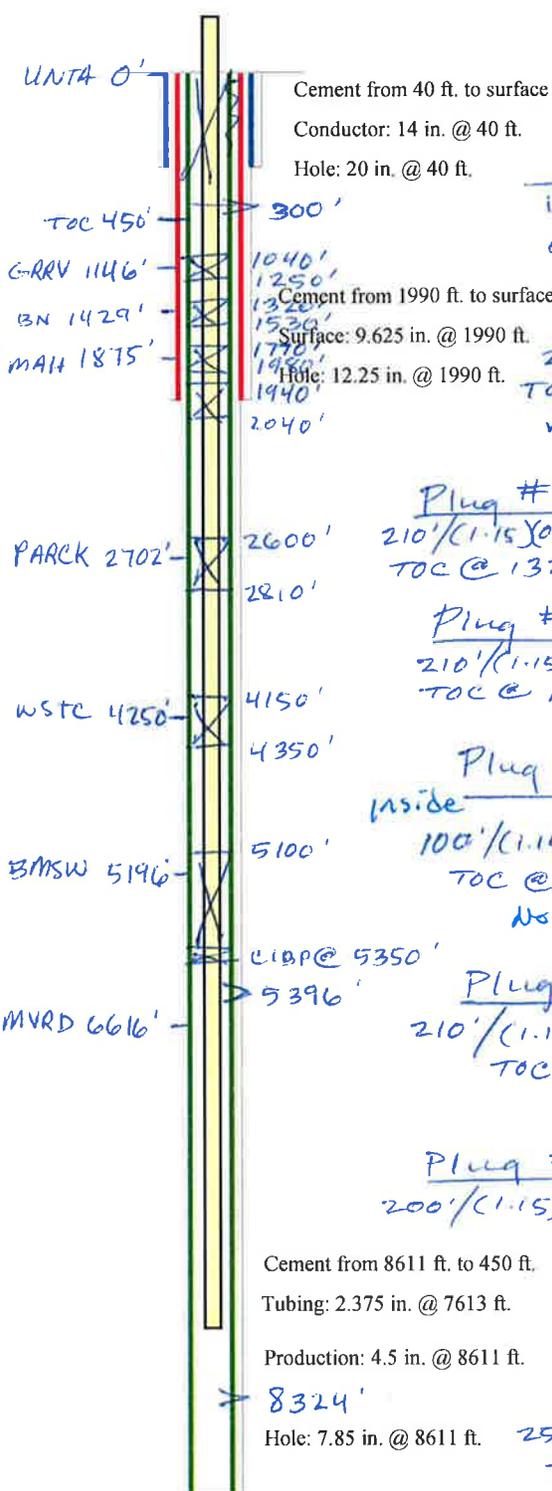
Wellbore Diagram

r263

API Well No: 43-047-35947-00-00 **Permit No:** **Well Name/No:** NBU 1022-16C
Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Location: Sec: 16 T: 10S R: 22E Spot: NENW
Coordinates: X: 632774 Y: 4423626
Field Name: NATURAL BUTTES
County Name: UINTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOLI	40	20		
COND	40	14	54	40
HOL2	1990	12.25		
SURF	1990	9.625	32.3	1990
HOL3	8611	7.85		
PROD	8611	4.5	11.6	8611
T1	7613	2.375		



Plug # 8
 inside $300' / (1.15 \times 0.0872) = 235X$
 outside $300' / (1.15 \times 0.3314) = 875X$
 110 SX or sufficient to fill to SFC
 TOC @ SFC ✓ O.K.

Plug # 7
 $210' / (1.15 \times 0.0872) = 16 SX$
 TOC @ 1040' ✓ O.K.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	40	0	UK	28
PROD	8611	450 (CBL)	UK	1465
SURF	1990	0 (EST.)	UK	675

Plug # 6
 $210' / (1.15 \times 0.0872) = 16 SX$
 TOC @ 1320 ✓ O.K.

Plug # 5
 $210' / (1.15 \times 0.0872) = 16 SX$
 TOC @ 1770' ✓ O.K.

Perforation Information

String	Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
PROD	5118	8324			
			5118'-5122'		squeezed 6/27/08'

Note: CBL shows TOC @ 450' - perf not necessary

Plug # 4
 inside $100' / (1.15 \times 0.0872) = 8 SX$
 TOC @ 1940 ✓ O.K.

Plug # 3
 $210' / (1.15 \times 0.0872) = 16 SX$
 TOC @ 2600' ✓ O.K.

Formation Information

Formation	Depth
UNTA	0
GRRV	1146
MHGBN	1875
PARCK	2702
WSTC	4250
BMSW	5196
MVRD	6616

Plug # 2
 $200' / (1.15 \times 0.0872) = 16 SX$
 TOC @ 4150' ✓ O.K.

Plug # 1
 $250' / (1.15 \times 0.0872) = 19 SX$
 TOC @ 5100' ✓ O.K.

TD: 8611 TVD: PBSD: 8539

Name: **NBU 1022-16C** 8/11/11
 Surface Location: NENW SEC.16, T10S, R22E
 Uintah County, UT

API: 4304735947 LEASE#: ML-3276

ELEVATIONS: 5196' GL 5211' KB

TOTAL DEPTH: 8611' PBD: 8539'

SURFACE CASING: 9 5/8", 32.3# H-40 @ 1990', 12 1/4" Hole

PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8611', 7 7/8" Hole
 TOC @ 380' per CBL

PERFORATIONS: Wasatch 5118' - 6254' (5118' -5122' sqzd 6/27/08)
 Mesaverde 6616' - 8324'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02171	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 32.3# H-40 csg	8.845	1400	2270	3.3055	0.4418	0.0787
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01
4.5" csg. X 9.625" 32.3# csg.				2.478	0.3314	0.059
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558

Formation	Depth to top, ft.	Tech. Pub. #92 Base of USDW's
Uinta	Surface	USDW Elevation ~0 MSL
Green River	1146'	USDW Depth ~5196' KBE
Bird's Nest	1429'	
Mahogany	1875'	
Base of Parachute	2702'	
Wasatch	4250'	
Mesaverde	6681'	

NBU 1022-16C PLUG & ABANDONMENT PROCEDURE**GENERAL**

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

PROCEDURE

Note: An estimated 71 sx Class "G" cement needed for procedure

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE WASATCH/MESAVERDE PERFORATIONS (5396'-8324') & BASE OF USDW (~5196')**: RIH W/ 4 ½" CIBP. SET @ ~5350 RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **19 SX / 3.9 BBL / 21.8 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~5100'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4250')**: PUH TO ~4350'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.1 BBL/ 17.4 CUFT** AND BALANCE PLUG W/ TOC @ ~4150' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #3, PROTECT BASE OF PARACHUTE MEMBER (~2702')**: PUH TO ~2810'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.3 BBL/ 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~2600' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #4, PROTECT SURFACE CASING SHOE (1990')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2040' W/ 4 SPF. PERFORM INJECTION TEST. IF FORMATION DOESN'T TEST, CONTINUE WITH PLUG #5. IF FORMATION WILL SQUEEZE, CONTINUE THIS STEP. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~1940'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **32 SX / 6.5 BBL / 36.7 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1940'. STING OUT OF CIRC AND SPOT **4 SX / 0.8 BBL / 4.36 CUFT** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1890'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

7. **PLUG #5, PROTECT TOP OF MAHOGANY (~1875')**: PUH TO ~1980'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.3 BBL/ 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~1770' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #6, PROTECT TOP OF BIRD'S NEST (~1429')**: PUH TO ~1530'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.3 BBL/ 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~1320' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
9. **PLUG #7, PROTECT TOP OF GREEN RIVER (1146')**: PUH TO ~1250'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.3 BBL/ 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~1040' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
10. **PLUG #8, CEMENT SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **110 SX / 22.4 BBL / 125.6 CUFT** OR SUFFICIENT VOLUME TO FILL CASING AND CASING ANNULUS TO SURFACE.
11. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE WITH R649-3-34 - WELL SITE RESTORATION.

ALM 8/11/2011

#1) CIP @ 5350

#2) 4350 - 4150
 $200 \times .0872 = 17.44$

#3) 2600 - 2810
 $210 \times .0872 = 18.32$

→ attempt to pump cut into shoe

#4) ~~1775 - 1975~~
 $200 \times .0872 = 17.44$

GR 1146' #5) 1530 - 1320 = 1800

BN 1429' #6) 1250 - 1040 = 1800
 Mah 1875'

#7) ~~600 - 800~~
 $200 \times .0872 = 17.44$

Seq 300
 $300 \times .0872$
 $300 \times .0872$

99.42
 $\frac{26.16}{125.58}$

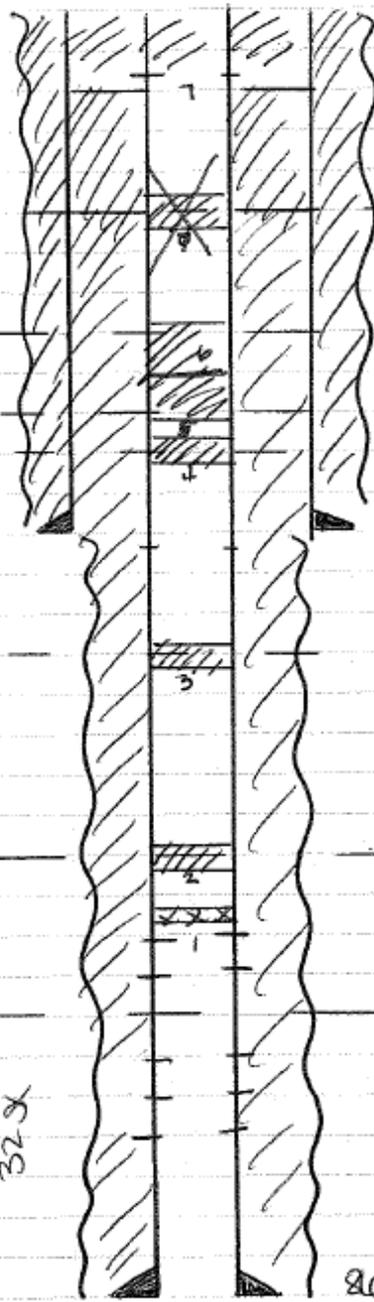
110 SK

BS PAR 2702

Was 4250'

TOP PERF 5396'

MV 6681



1139
 872
 $\frac{76.57}{26.08}$
 32 X

MBU 1022-106

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML3276

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 1022-16C

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

9. API NUMBER:
43047359470000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779
PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0695 FNL 2163 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 16 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/2/2011 <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 checked="" 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 type="text"/>

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

The operator has concluded the plug and abandonment operations on the subject well location on 11/02/2011. Please see the attached chronological well history for details and updated latitude and longitude locations. Thank you.

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/19/2011	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-16C				Spud Date: 8/10/2005				
Project: UTAH-UINTAH			Site: NBU 1022-16C			Rig Name No: WESTERN WELLSITE/UNK		
Event: ABANDONMENT			Start Date: 10/31/2011		End Date: 11/2/2011			
Active Datum: RKB @5,210.99usft (above Mean Sea Level)				UWI: NBU 1022-16C				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/31/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, MIRU, BLOW DOWN WELL, KILL WELL WITH 80BLS BRINE WATER, NDWH, NUBOP, TOH, RU WIRE LINE, RIH WITH GAUGE RING TO 5375', RIH WITH CIBP AND SET AT 5350', RD WIRE LINE, SIW, SDFN
11/1/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, TIH AND TAG CIBP', RU SCAN TECH, LOAD HOLE WITH 60BLS WATER WITH CORROSION INHIBITOR, MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 4353', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 2820', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 2054', MIX AND PUMP 35SXS CLASS G CEMENT, TOH, RD SCAN TECH, SIW, WOC, SDFN
11/2/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, TIH AND TAG CEMENT AT 1533', MIX AND PUMP 40SXS CLASS G CEMENT, TOH, WO WIRE LINE, SHOOT PERFS AT 100', BREAK CIRCULATION TO SURFACE, RD, NDBOP, NUWH, MIX AND PUMP 35SXS CLASS G CEMENT TO SURFACE, DIG OUT WELLHEAD, CUT OFF WELLHEAD, WELD ON INFO PLATE, BACKFILL, CLEAN LOCATION, SDFN Witness was Dave Hackford DOGM 170 total sxs cement 3985' 130jts yellow band 2 3/8" tubing recovered 3587' 117jts red band 2 3/8" tubing recovered Lat: +39.95432 Long:-109.44646