

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

FORM 3

001

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>STUO-01197-AST</b>	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: <b>891008900A / Natural Buttes</b>	
2. NAME OF OPERATOR: <b>WESTPORT OIL &amp; GAS COMPANY, L.P.</b>				9. WELL NAME and NUMBER: <b>NBU 1022-12P</b>	
3. ADDRESS OF OPERATOR: <b>1368 S 1200 E</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>			PHONE NUMBER: <b>781-7060</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>1083' FSL 462' FEL</b> <i>6-38-382 X 39.959201</i> AT PROPOSED PRODUCING ZONE: <i>4424276 Y -109.379887</i>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 12 10S 22E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>25.2 MILES SOUTHEAST OF OURAY, UTAH</b>				12. COUNTY: <b>UINTAH</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>462'</b>		16. NUMBER OF ACRES IN LEASE: <b>1674.49</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>REFER TO TOPO C</b>		19. PROPOSED DEPTH: <b>8,600</b>		20. BOND DESCRIPTION: <b>STATE SURETY RLB0005236</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5266.4' UNGRADED GL</b>		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION: <b>TO BE DETERMINED</b>	

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"	32.3#	H-40, STC	2,000	PREM CMT	265 SX	1.18 15.6
7 7/8"	4 1/2"	11.6#	I-80, LTC	8,600	PREM LITE II	390 SX	3.38 11.0
					50/50 POZ G	1400 SX	1.31 14.3

RECEIVED

25. ATTACHMENTS		<b>MAR 15 2005</b>
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	DIV. OF OIL, GAS & MINING
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER	

NAME (PLEASE PRINT) DEBRA DOMENICI TITLE ENVIRONMENTAL ASSISTANT

SIGNATURE *Debra Domenici* DATE 3/11/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36403

APPROVAL:

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

Date: 04-18-05  
By: *[Signature]*

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

R  
22  
E

R  
23  
E

WESTPORT OIL AND GAS COMPANY, L.P.

S89°59'W - 2640.66' (G.L.O.)

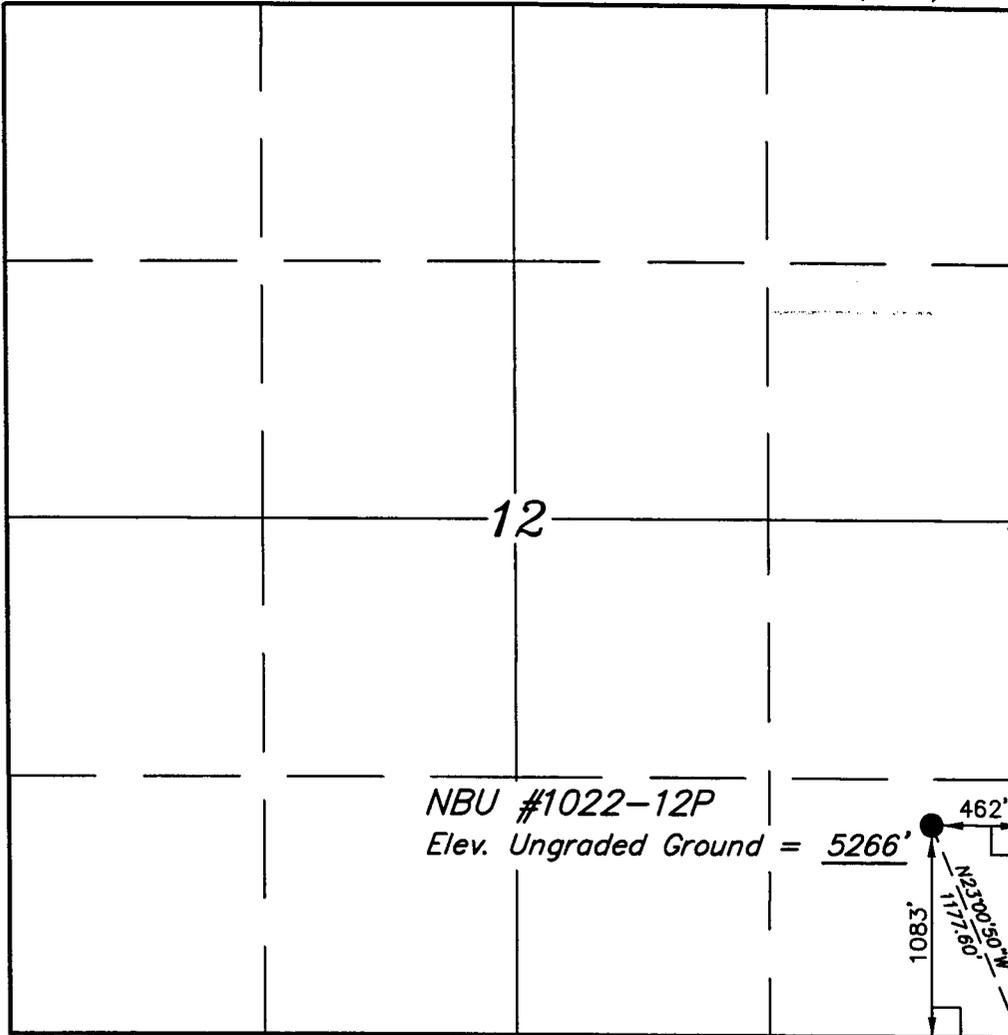
N89°39'W - 2640.66' (G.L.O.)

Well location, NBU #1022-12P, located as shown in the SE 1/4 SE 1/4 of Section 12, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE 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 4697 FEET.

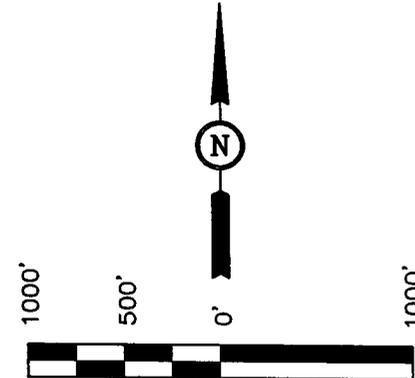
N00°01'W - 5280.00' (G.L.O.)



N00°07'E - 2641.32' (G.L.O.)

N00°04'44"E - 2634.17' (Meas.)

1991 Brass Cap,  
0.2' High, Steel  
Post, 3/4" Rebar  
Pile of Stones



SCALE  
CERTIFICATE

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

*Robert H. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 118319  
STATE OF UTAH

NBU #1022-12P  
Elev. Ungraded Ground = 5266'

5281.32' (G.L.O.)

1991 A.C. 1.3' High,  
Pile of Stones, Steel  
Post

269°59'  
(G.L.O.)

BASIS OF BEARINGS

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

(NAD 83)  
LATITUDE = 39°57'32.93" (39.959147)  
LONGITUDE = 109°22'49.87" (109.380519)  
(NAD 27)  
LATITUDE = 39°57'33.05" (39.959181)  
LONGITUDE = 109°22'47.42" (109.379839)

LEGEND:

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

UINTAH ENGINEERING & LAND SURVEYING

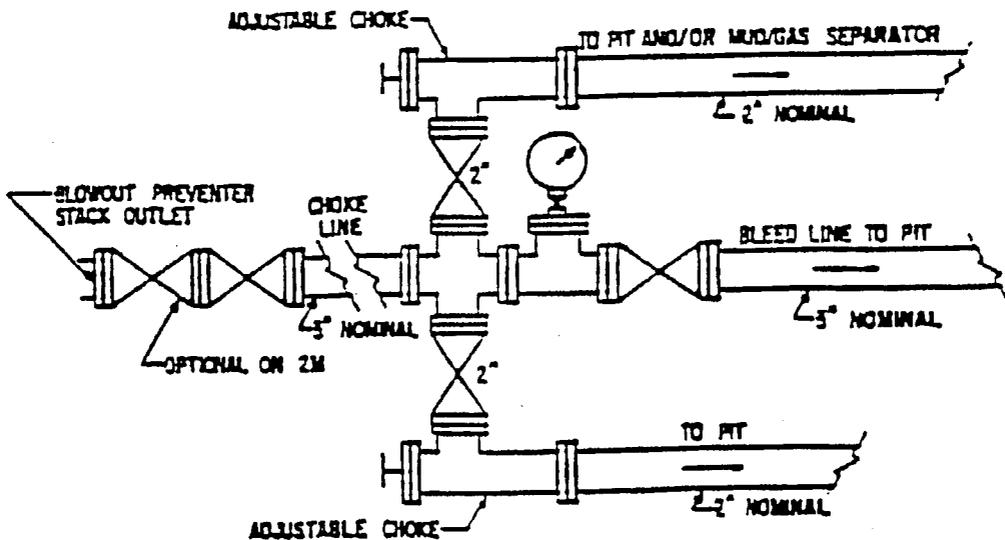
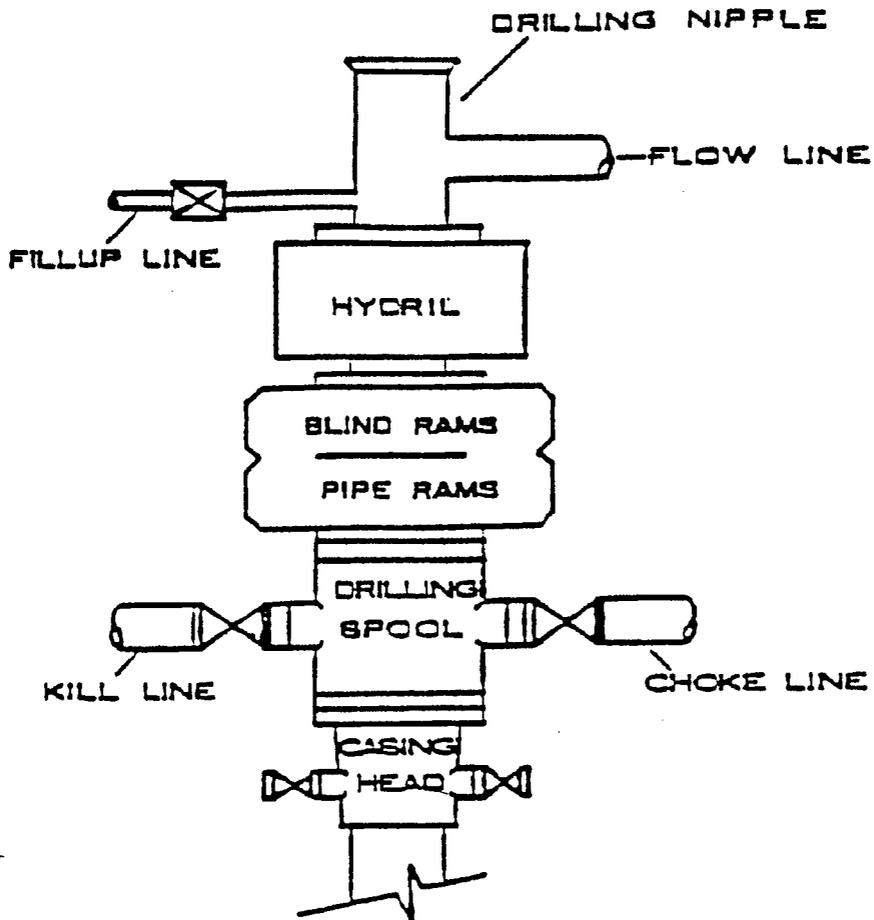
85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-20-05	DATE DRAWN: 2-14-05
PARTY D.K. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

3,000 PSI

# EOP STACK



WORKSHEET

APPLICATION FOR PERMIT TO DRILL

003

APD RECEIVED: 03/15/2005

API NO. ASSIGNED: 43-047-36403

WELL NAME: NBU 1022-12P  
 OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  
 CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SESE 12 100S 220E  
 SURFACE: 1083 FSL 0462 FEL  
 BOTTOM: 1083 FSL 0462 FEL  
 UINTAH  
 NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/15/05
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: STUO-01197-AST  
 SURFACE OWNER: 3 - State  
 PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

LATITUDE: 39.95920  
 LONGITUDE: -109.3799

RECEIVED AND/OR REVIEWED:

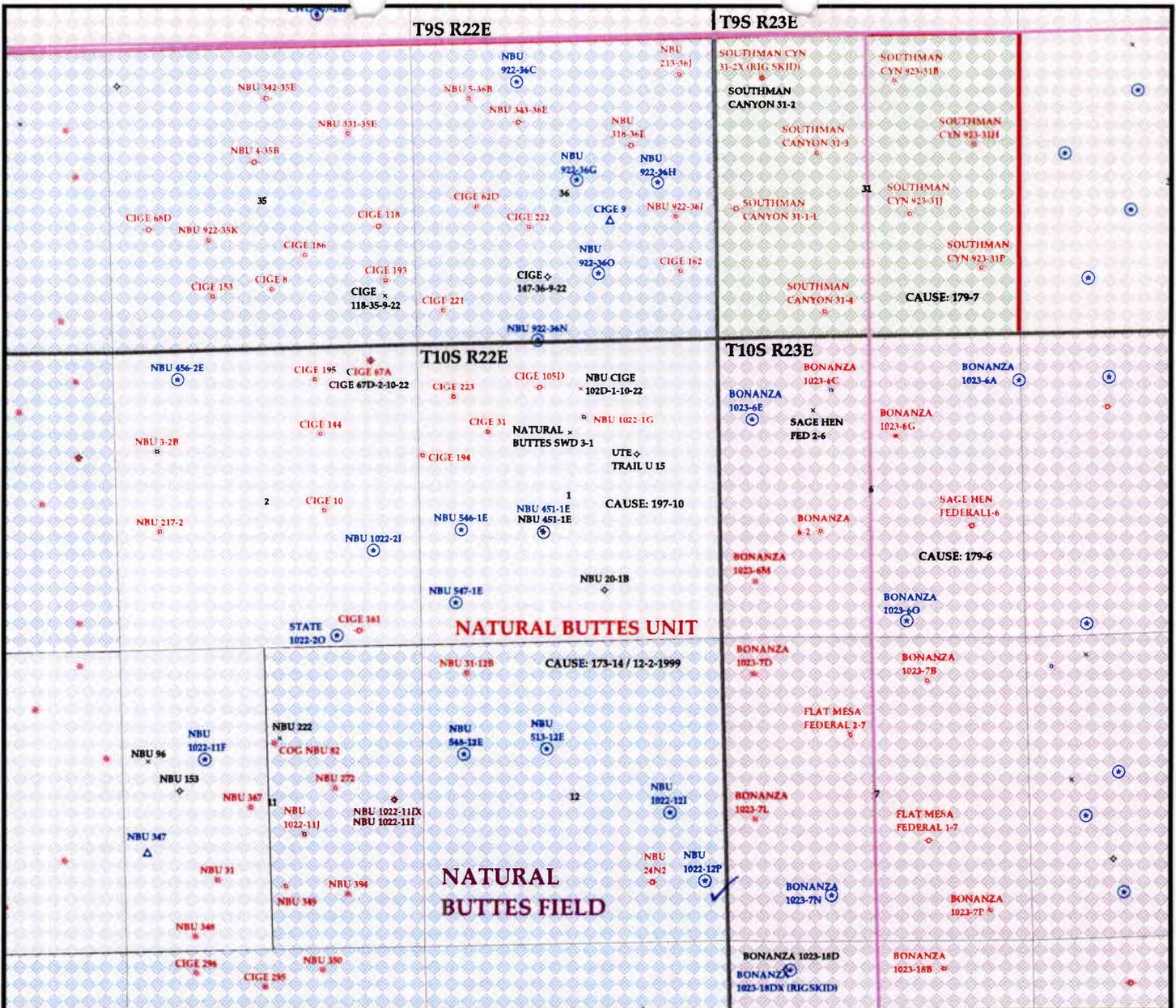
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. RLB0005236 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

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 bdr & uncomm. tract
- \_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Permit (03-29-05)

STIPULATIONS: 1- OIL SHALE  
2- STATEMENT OF BASIS



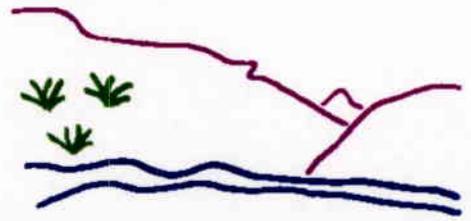
OPERATOR- WESTPORT O&G CO (N2115)

SEC. 12 T.10S R.22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 17-MARCH-2005

Wells		Units.shp		Fields.shp	
♣	GAS INJECTION	□	EXPLORATORY	■	ABANDONED
⊙	GAS STORAGE	□	GAS STORAGE	■	ACTIVE
×	LOCATION ABANDONED	□	NF PP OIL	■	COMBINED
⊕	NEW LOCATION	□	NF SECONDARY	■	INACTIVE
⊖	PLUGGED & ABANDONED	□	PENDING	■	PROPOSED
*	PRODUCING GAS	□	PI OIL	■	STORAGE
●	PRODUCING OIL	□	PP GAS	■	TERMINATED
⊙	SHUT-IN GAS	□	PP GEOTHERML		
+	SHUT-IN OIL	□	PP OIL		
×	TEMP. ABANDONED	□	SECONDARY		
⊙	TEST WELL	□	TERMINATED		
♣	WATER INJECTION				
♣	WATER SUPPLY				
♣	WATER DISPOSAL				

# 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)**

March 18, 2005

Memorandum

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

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-36388	NBU 921-34L	Sec 34 T09S R21E 2586 FSL 0379 FWL
43-047-36389	NBU 921-34K	Sec 34 T09S R21E 2543 FSL 2274 FWL
43-047-36390	NBU 921-34H	Sec 34 T09S R21E 2163 FNL 0839 FEL
43-047-36391	NBU 921-33F	Sec 33 T09S R21E 1797 FNL 1844 FWL
43-047-36392	NBU 921-33G	Sec 33 T09S R21E 1713 FNL 1754 FEL
43-047-36393	NBU 921-33I	Sec 33 T09S R21E 2240 FSL 0878 FEL
43-047-36394	NBU 921-33J	Sec 33 T09S R21E 2113 FSL 1951 FEL
43-047-36395	NBU 921-33K	Sec 33 T09S R21E 2066 FSL 1926 FWL
43-047-36396	NBU 921-33P	Sec 33 T09S R21E 0885 FSL 0719 FEL
43-047-36397	NBU 922-36C	Sec 36 T09S R22E 0720 FNL 1768 FWL
43-047-36398	NBU 922-36G	Sec 36 T09S R22E 2471 FNL 2464 FEL
43-047-36399	NBU 922-36H	Sec 36 T09S R22E 2546 FNL 1059 FEL
43-047-36400	NBU 922-36N	Sec 36 T09S R22E 0059 FSL 2066 FWL
43-047-36401	NBU 922-36O	Sec 36 T09S R22E 1202 FSL 2116 FEL
43-047-36402	NBU 1022-12I	Sec 12 T10S R22E 2297 FSL 1046 FEL
43-047-36403	NBU 1022-12P	Sec 12 T10S R22E 1083 FSL 0462 FEL

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

/s/ Michael L. Coulthard

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

OPERATOR: Westport Oil & Gas Company, L.P.  
WELL NAME & NUMBER: NBU 1022-12P  
API NUMBER: 43-047-36403  
LEASE: STUO-01197-ASDT STATE FIELD/UNIT: NATURAL BUTTES  
LOCATION: 1/4,1/4 SE/SE Sec: 12 TWP: 10S RNG: 22E 1083 FSL 462 FEL  
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.  
GPS COORD (UTM): X =0638386 E; Y =4424277 N SURFACE OWNER: SITLA

**PARTICIPANTS**

Dennis L. Ingram (DOGM) Floyd Bartlett (UDWR) Debra Domenici (West Port Oil and Gas Company, L.P.) Clay Einerson (Westport) Dave

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Location proposed 12.6 miles west of Ouray, then south 1.7 miles just north of the Mountain Fuel Bridge, then east another 5.3 miles and south 5.2 miles to location. The surface in the immediate area is high desert plateau with sparse vegetative ground cover and narrow ridges and adjacent draws that run toward the Whiter River, located 5/8 miles west of site and over 500 feet drop in elevation. Sandstone outcroppings were observed on every hillside and adjacent canyon the eye could see. Adjacent canyons were noted to north and south of location that drain into the Whit River flood plain.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Open rangeland, some public use

PROPOSED SURFACE DISTURBANCE: Have proposed moving existing road top south and wrapping around location, plus location measuring 350'x 193' with the reserve pit and soil storage outside of described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: BON #1023-6M; CWU #648-1; CWU #644-1; BON #1023-7D; BON #1023-7B; FLAT MESA #2-7; NBU #24N2; BON #1023-7L; FLAT MESA #1-7; NBU #32-13B; BON #1023-8D; UTE TRAIL #14; CANYON VIEW #1-18.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All equipment shall remain on location with gas pipeline tied in to existing east/west line from NBU #24N2

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill using borrowed material.

ANCILLARY FACILITIES: None requested

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): WHITE RIVER BELOW TO WEST, MAY BE POSSIBLE TO SEE DRILLING RIG FROM WATER DURING THE DRILLING OPERATION.

**WASTE MANAGEMENT PLAN:**

Submitted to the Division with Application to Drill and on file.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Drainage to south empties west into the White River flood plan, only 0.58 miles away.

FLORA/FAUNA: Desert shrub, sparse vegetation (see photos); antelope and mule deer potential but not classified as high value range.

SOIL TYPE AND CHARACTERISTICS: Reddish, tan fine-grained sandy loam with underlying sandstone layers.

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation

EROSION/SEDIMENTATION/STABILITY: Active erosion in adjacent canyons to north and south, alluvium deposition, no stability problems anticipated

PALEONTOLOGICAL POTENTIAL: None observed during onsite meeting.

**RESERVE PIT**

CHARACTERISTICS: Proposed on southeast side of location in cut and parallel to wellhead and prevailing winds, measuring 150'x 100'x 10' deep.

LINER REQUIREMENTS (Site Ranking Form attached): 45 points

**SURFACE RESTORATION/RECLAMATION PLAN**

Operator has proposed All surfaces will be recontoured to approximately natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment, at which time reseeding will be done.

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Done on 03/06/05 by Moal K. Montgomery

**OTHER OBSERVATIONS/COMMENTS**

Existing road runs through location, have proposed to move it south around reserve pit, reserve pit in cut, adjacent canyons south and north of location that drain into the White River Flood Plain,

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

March 29, 2005 01:00 PM  
DATE/TIME

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

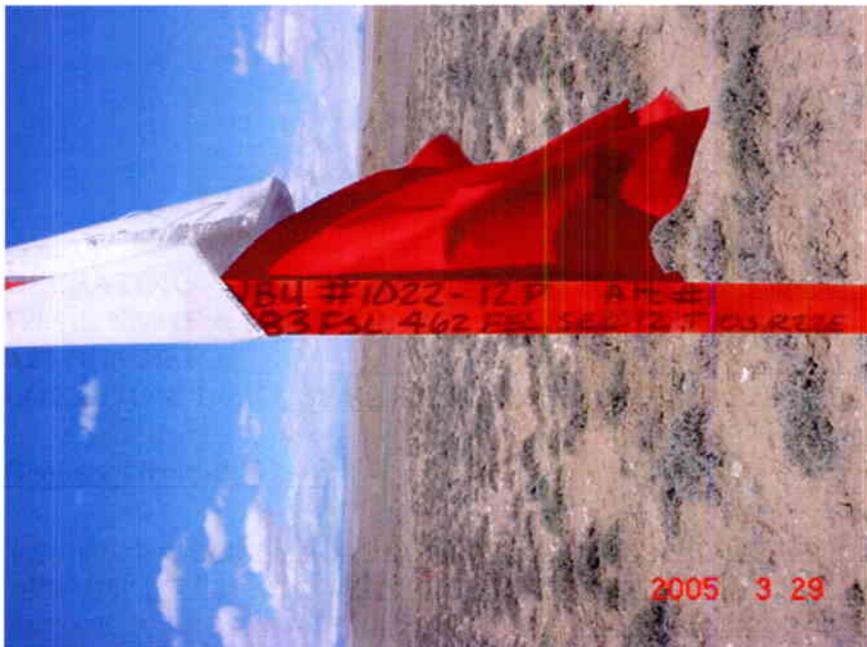
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>20</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest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

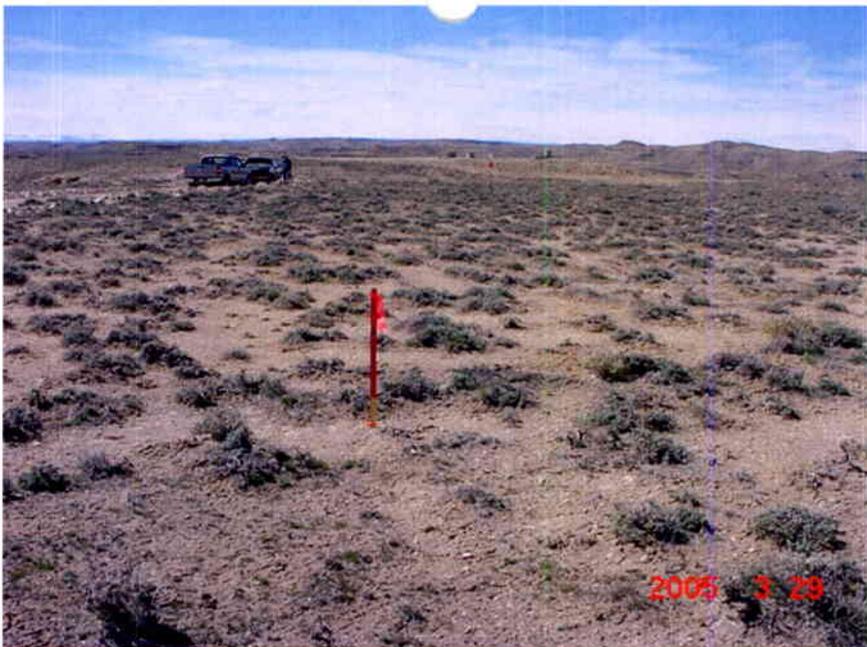
**Final Score**      45      (Level I Sensitivity)

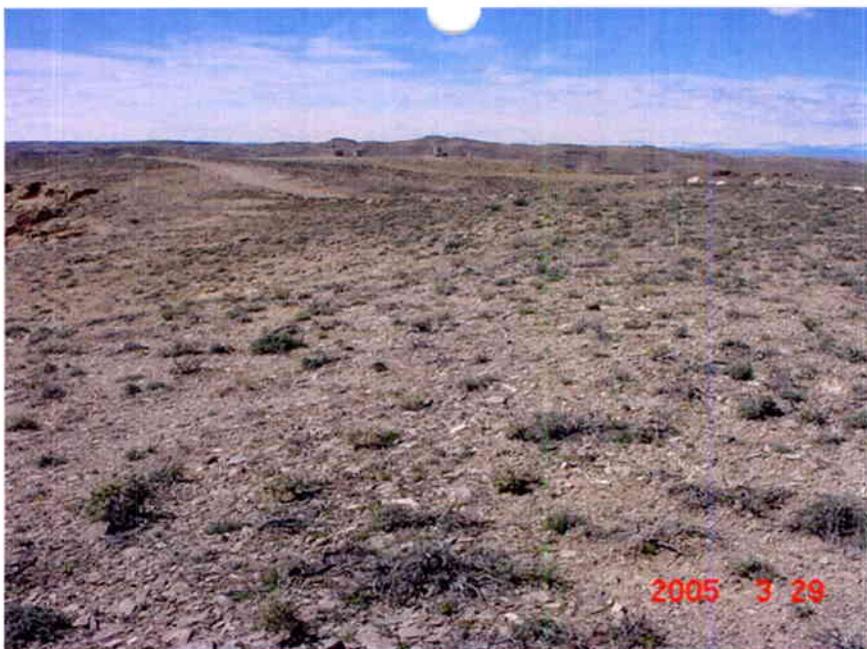
Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

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

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









**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 4/6/2005 4:10:32 PM  
**Subject:** Well Clearance

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

Westport Oil & Gas Company

NBU 921-33F  
NBU 921-33G  
NBU 921-33I  
NBU 921-33J  
NBU 921-33K  
NBU 921-33P  
NBU 921-34H  
NBU 921-34K  
NBU 921-34L  
NBU 1022-12I  
NBU 1022-12P  
State 1021-36A  
State 1021-36B  
State 1021-36G  
State 1021-36H  
State 1021-36I  
State 1021-36J  
State 1021-36O  
State 1021-36P

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 & Gas Company, L.P.  
**WELL NAME & NUMBER:** NBU 1022-12P  
**API NUMBER:** 43-047-36403  
**LOCATION:** 1/4,1/4 SE/SE Sec: 12 TWP: 10S RNG: 22E 1083 FSL 462 FEL

**Geology/Ground Water:**

Westport proposes to set 2,000' 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 3,700'. 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:** 04/12/04

**Surface:**

The Roosevelt Field Staff scheduled and performed a presite meeting on March 29, 2005 to address take input and address issues regarding the construction and drilling of this well. SITLA is the landowner of record, and Ed Bonner was invited and notified by email and phone message on March 23, 2005. Floyd Bartlett with the Utah Division of Wildlife Resources was also notified and invited by the division to address wildlife issues. The surface on this location had sparse vegetative cover and is listed as low value wildlife habitat. The location staking was moved north and east onto an east/west ridge because of the deep canyon and wall to the south. The location surface does slope to the north where a second drainage runs west onto the White river Flood Plain. The reserve pit is shown in cut but does provide potential problems with sandy surface and underlying sandstone layers. The operator has proposed to utilize two felt pads under a double layered (2) 20 mil synthetic liners to assure the State of Utah that no seepage or spills will leave the location and endanger the adjacent canyons or the White River Flood Plain. The existing access road runs through this location t another and will need re-routed south around the reserve pit. No other issues were noted during the presite visit.

**Reviewer:** Dennis L. Ingram **Date:** March 30, 2005

**Conditions of Approval/Application for Permit to Drill:**

1. A double 20 mil synthetic liner with a double felt subliner shall be properly installed and maintained in the reserve pit.

04-05 Westport NBU 1022-. .P  
Casing Schematic

Utiata

Surface

propose - Top out as Required

9-5/8"  
MW 8.4  
Frac 19.3

TOC @ 0.  
TOC @ 641.  
1345 Green River  
1665 TOC Tail  
Surface  
2000. MD

w/18% Washout  
Surface w/ 6% Washout

3156 TOC Tail  
3700 Bmsw  
4085 Wasatch

6245 Mesaverde

w/15% Washout

BHP

$$(0.050)(10)(8600) = 4472$$

Anticipate 3440

Gas

$$(0.12)(8600) = 1032$$

Masp 3440

fluid

$$(0.22)(8600) = 1892$$

MASP = 2580

BOP - 3,000 ✓

Surf csg - 2270

$$70\% = 1589$$

Max Pressure @ shoe = 1988

Test to 1500# as proposed ✓

4-1/2"  
MW 10.

Production  
8600. MD

✓ Adequate DWD 4/15/05

Well name:	<b>04-05 Westport NBU 1022-12P</b>		
Operator:	<b>Westport Oil &amp; Gas</b>	Project ID:	43-047-36403
String type:	Surface		
Location:	Uintah County		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 103 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 641 ft

**Burst**

Max anticipated surface pressure: 1,760 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 2,000 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)

Tension is based on buoyed weight.  
 Neutral point: 1,753 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,600 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 4,468 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 2,000 ft  
 Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	2000	2270	1.14	57	254	4.49 J

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

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

Date: April 12, 2005  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 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:	<b>04-05 Westport NBU 1022-12P</b>		
Operator:	<b>Westport Oil &amp; Gas</b>	Project ID:	43-047-36403
String type:	Production		
Location:	Uintah County		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 195 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,584 psi  
 Internal gradient: 0.335 psi/ft  
 Calculated BHP 4,467 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: 7,314 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	8600	4.5	11.60	N-80	LT&C	8600	8600	3.875	199.3
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	4467	6350	1.421	4467	7780	1.74	85	223	2.63 J

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

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

Date: April 12, 2005  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8600 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**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

April 18, 2005

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Natural Buttes Unit 1022-12P Well, 1083' FSL, 462' FEL, SE SE, Sec. 12,  
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 43-047-36403.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

jc  
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 1022-12P  
**API Number:** 43-047-36403  
**Lease:** STUO-01197-AST

**Location:** SE SE **Sec.** 12 **T.** 10 South **R.** 22 East

### Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

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

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

Page 2

API # 43-047-36403

April 18, 2005

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

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

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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</p>		6. Lease Designation and Serial Number ST UO-01197-AST
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement 891008900A
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 1022-12P
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 113-047-36403
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	4. Telephone Number 435-781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 1083' FSL 462' FEL      County : UINTAH QQ, Sec, T., R., M : SESE SEC 12-T10S-R22E      State : UTAH		

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

<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input checked="" type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>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.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

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.)

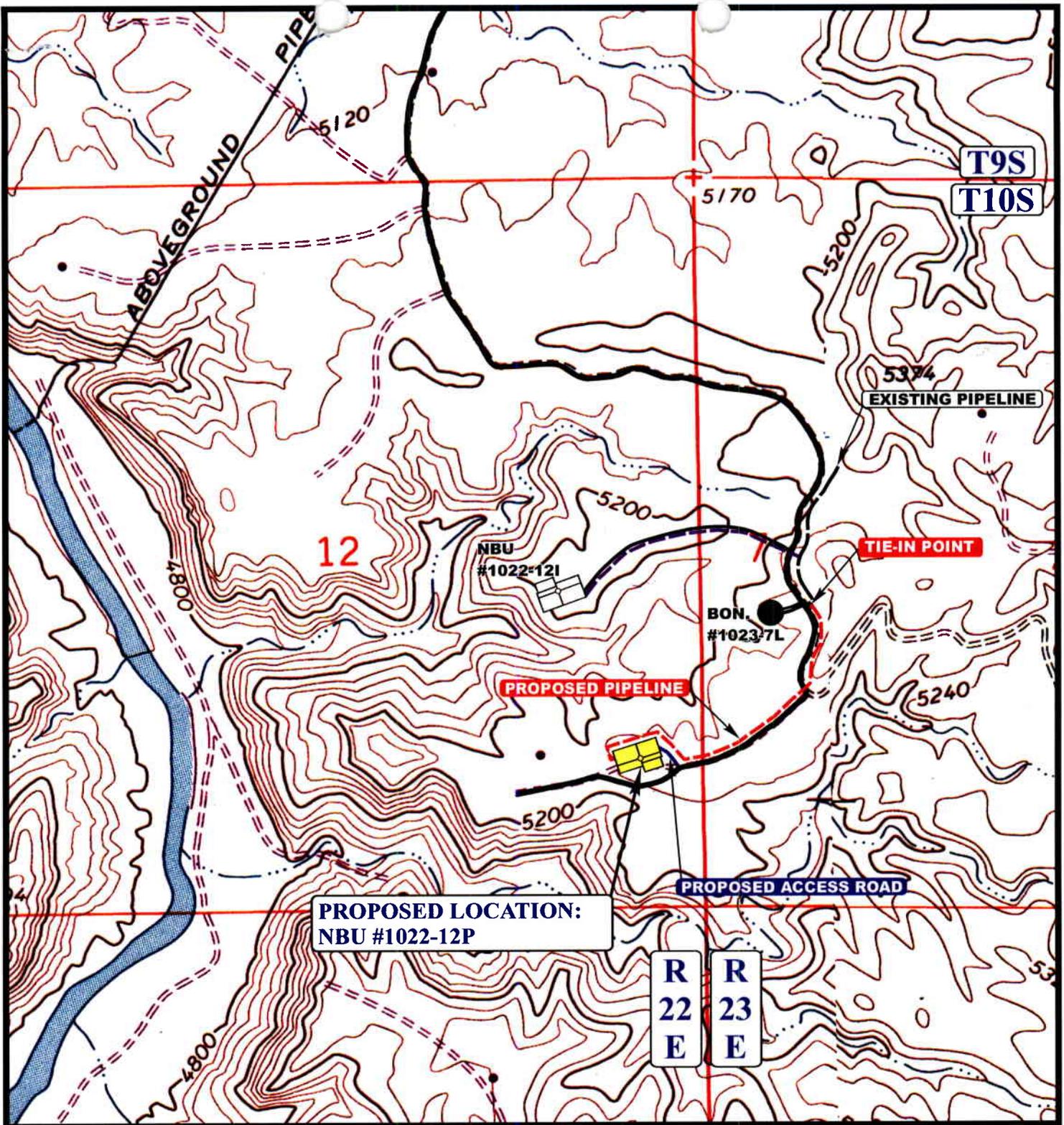
THE TIE-IN POINT FOR THE PIPELINE WAS CHANGED AT THE PRE-SITE ON MARCH 29, 2005. PLEASE FIND ATTACHED A NEW TOPO D SHOWING THE NEW TIE-IN POINT.

**RECEIVED**  
**APR 19 2005**  
 DIV. OF OIL, GAS & MINING

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

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ASSOC. ENV. ANALYST Date 04/13/05

(State Use Only)



**APPROXIMATE TOTAL PIPELINE DISTANCE = 2500' +/-**

**LEGEND:**

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



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



**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #1022-12P**  
**SECTION 12, T10S, R22E, S.L.B.&M.**  
**1083' FSL 462' FEL**

**TOPOGRAPHIC**  
**MAP**

**02 14 05**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.H. REV: 04-04-05 L.K.



NBU #1022-12P  
SESE Sec. 12, T10S-R22E  
Uintah County, UT  
STUO-01197-AST

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.

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

2. **Planned Access Roads:**

Approximately 250' of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

***Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities will 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 & Pipelines**

*The following guidelines will apply if the well is productive.*

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

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes

will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

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

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

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

Approximately 2600' of low pressure and 1100' of high pressure up to 8" pipeline is proposed. The pipeline will be butt-welded together. Refer to Topo D for the proposed pipeline.

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

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

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

No water well is to be drilled on this lease.

**6. Source of Construction Materials**

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

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials**

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

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

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

A plastic reinforced liner and felt will be used, it will be a minimum of 16 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

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

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

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

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

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

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

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

**8. Ancillary Facilities**

None are anticipated.

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

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

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

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

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

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

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

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

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

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

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

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

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

*Producing Location:*

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

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

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

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

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

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

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

*Dry Hole/Abandoned Location:*

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

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

**11. Surface Ownership:**

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

**12. Other Information:**

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

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

A Class III archaeological survey will be submitted when it is received by our office.

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

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

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

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

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

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

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

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

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

  
Debra Domenici

3/11/05  
Date

**NBU #1022-12P**  
**SESE SECTION 12-T10S-R22E**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: STIO-01197-AST**  
**u**  
**ONSHORE ORDER NO. 1**  
**WESTPORT OIL & GAS COMPANY**

***DRILLING PROGRAM***

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

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1345'
Wasatch	4085'
Mesa Verde	6245'
Total Depth	8600'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1345'
Gas	Wasatch	4085'
	Mesa Verde	6245'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment:**

*Please refer to the attached Drilling Program.*

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

*Please refer to the attached Drilling Program.*

**5. Drilling Fluids Program:**

*Please refer to the attached Drilling Program.*

**6. Evaluation Program:**

*Please refer to the attached Drilling Program.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure at 8600' TD approximately equals 3440 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1548 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

**8. Anticipated Starting Dates & Notification of Operations:**

*Please refer to the attached Drilling Program.*

**9. Variances:**

*Please refer to the attached Drilling Program.*

**10. Other Information:**

*Please refer to the attached Drilling Program.*





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

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	2270 0.88*****	1370 1.46	254000 4.49
PRODUCTION	4-1/2"	0 to 8600	11.60	I-80	LTC	7780 3.02	6350 1.42	201000 2.31

- 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 2580 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	<b>NOTE: If well will circulate water to surface, option 2 will be utilized</b>						
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,580'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	5,020'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1400	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

**WESTPORT OIL AND GAS COMPANY, L.P.**  
**NBU #1022-12P**  
**SECTION 12, 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 DIRECTION APPROXIMATELY 0.3 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 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN A EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.3 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; PROCEED IN A SOUTHERLY DIRECTOIN APPROXIMATELY 3.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 250' TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.25 MILES.**

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

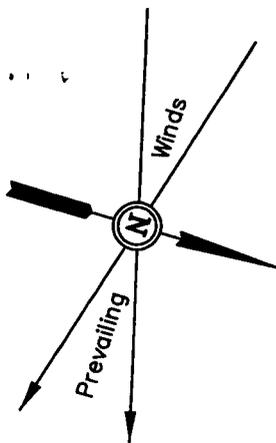
NBU #1022-12P

SECTION 12, T10S, R22E, S.L.B.&M.

F-9.0' 1083' FSL 462' FEL

Approx. Toe of Fill Slope

F-5.7' El. 59.1'



SCALE: 1" = 50'  
DATE: 2-14-05  
Drawn By: K.G.

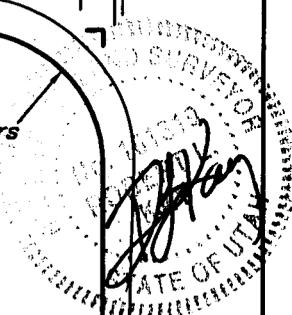
Proposed Road Re-Route

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

Topsoil Stockpile

Sta. 3+50

Round Corners as Needed



Approx. Top of Cut Slope

Pit Topsoil

FLARE PIT

C-2.2' El. 67.0'

PIPE TUBS

PIPE RACKS

CATWALK

C-1.6' El. 66.4'

F-6.0' El. 58.8'

135' Sta. 1+50

El. 66.9' C-12.1' (btm. pit)

RESERVE PITS (10' Deep)

TOILET

TRAILER

WATER TANK

Reserve Pit Backfill & Spoils Stockpile

15' WIDE BENCH

150'

Total Pit Capacity W/2' of Freeboard = 15,490 Bbbs. ±  
Total Pit Volume = 4,280 Cu. Yds.

Existing Road

1 1/2:1 Slope

RIG

DOC HOUSE

LIGHT PLANT

BOILER

COMPRESSOR

BOOSTER

MUD TANKS

MUD TANKS

PUMP HOUSE

TRASH

PROPANE STORAGE

Sta. 0+50

C-2.8' El. 67.6'

Sta. 0+00

El. 70.7' C-15.9' (btm. pit)

C-4.1' El. 68.9'

Proposed Access Road

F-4.6' El. 60.2'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5266.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5264.8'

UINTAH ENGINEERING & LAND SURVEYING  
86 So. 200 East \* Vernal, Utah 84078 \* (436) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

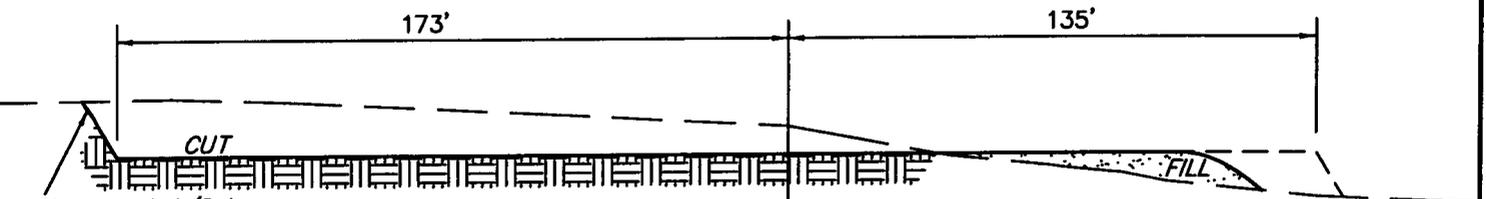
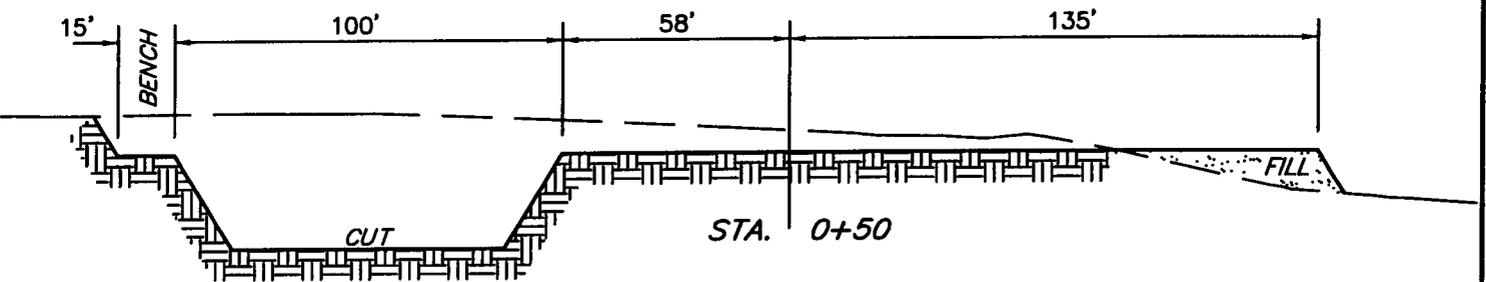
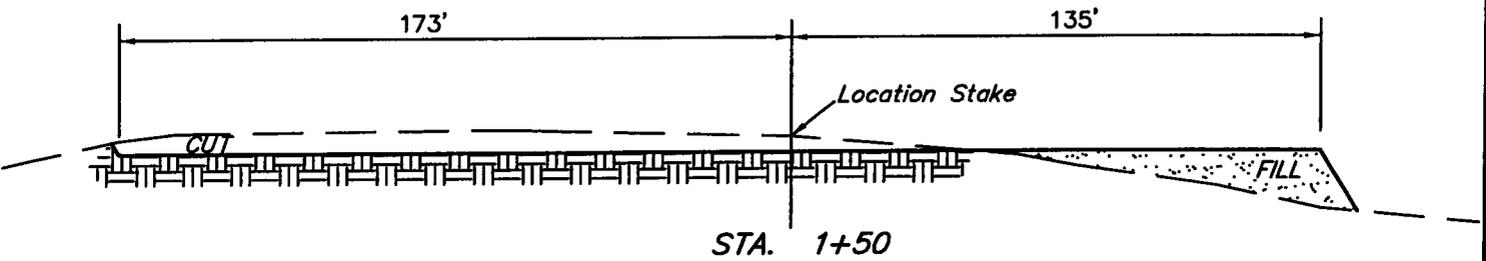
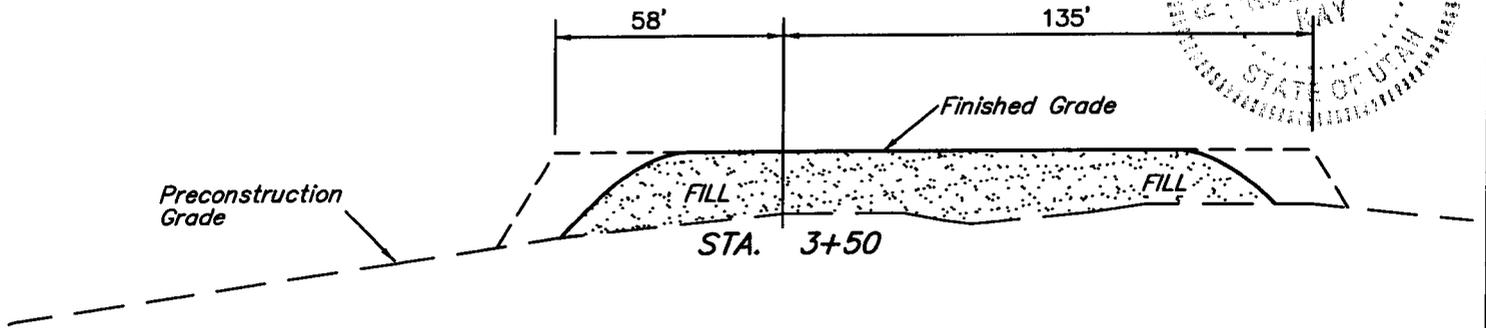
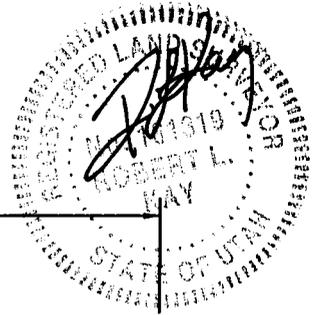
NBU #1022-12P

SECTION 12, T10S, R22E, S.L.B.&M.

1083' FSL 462' FEL

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

DATE: 2-14-05  
Drawn By: K.G.



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

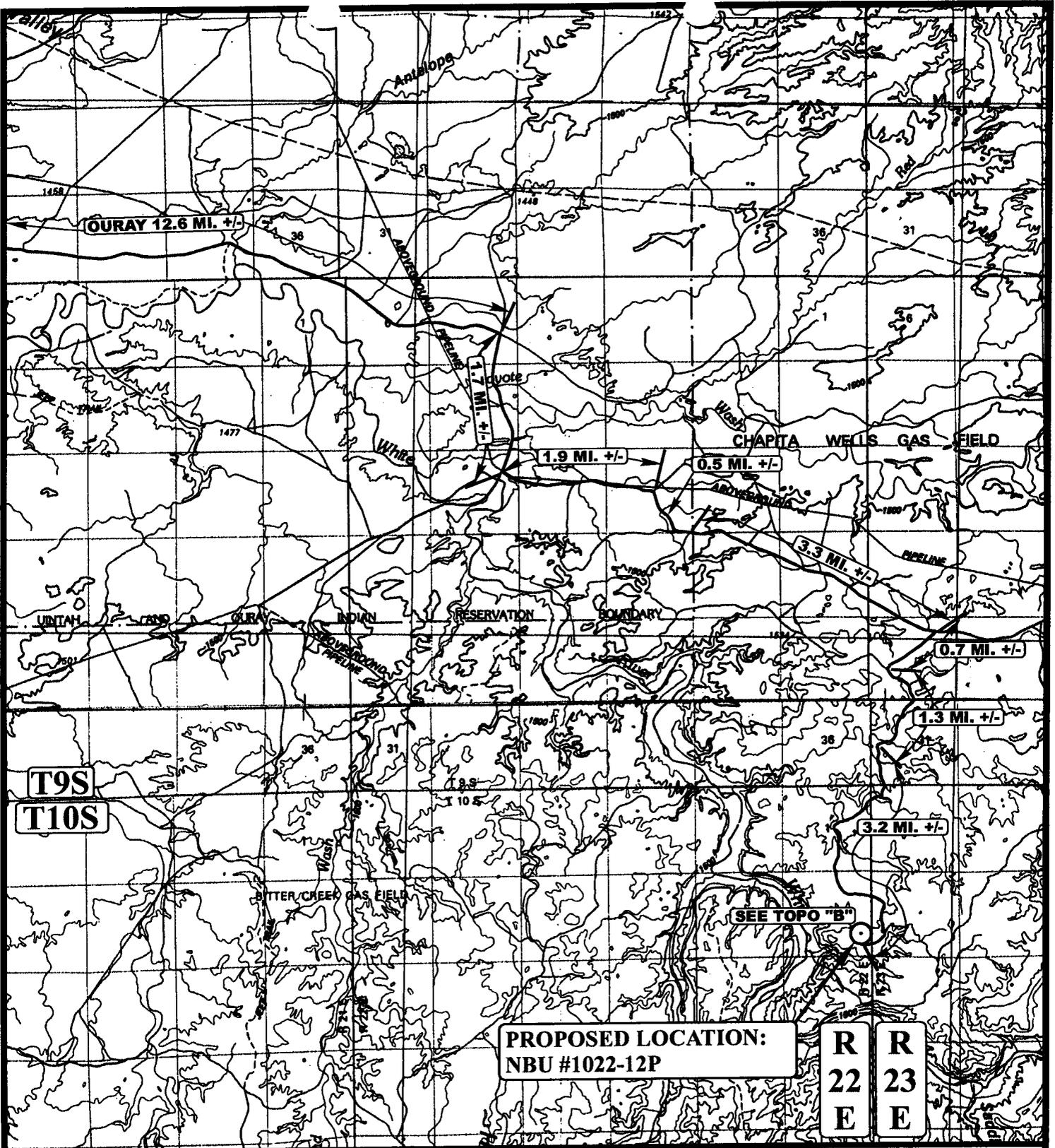
\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,860 Cu. Yds.
Remaining Location	= 8,120 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,980 CU.YDS.</b>
<b>FILL</b>	<b>= 5,980 CU.YDS.</b>

EXCESS MATERIAL	= 4,000 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,000 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



**PROPOSED LOCATION:  
NBU #1022-12P**

<b>R</b>	<b>R</b>
<b>22</b>	<b>23</b>
<b>E</b>	<b>E</b>

**LEGEND:**

⊙ PROPOSED LOCATION

**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #1022-12P  
SECTION 12, T10S, R22E, S.L.B.&M.  
1083' FSL 462' FEL**



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



**TOPOGRAPHIC  
MAP**

<b>02</b>	<b>14</b>	<b>05</b>
MONTH	DAY	YEAR

**SCALE: 1:100,000 | DRAWN BY: C.H. | REVISED: 00-00-00**



# WESTPORT OIL AND GAS COMPANY, L.P.

## NBU #1022-12P

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 12, T10S, R22E, S.L.B.&M.

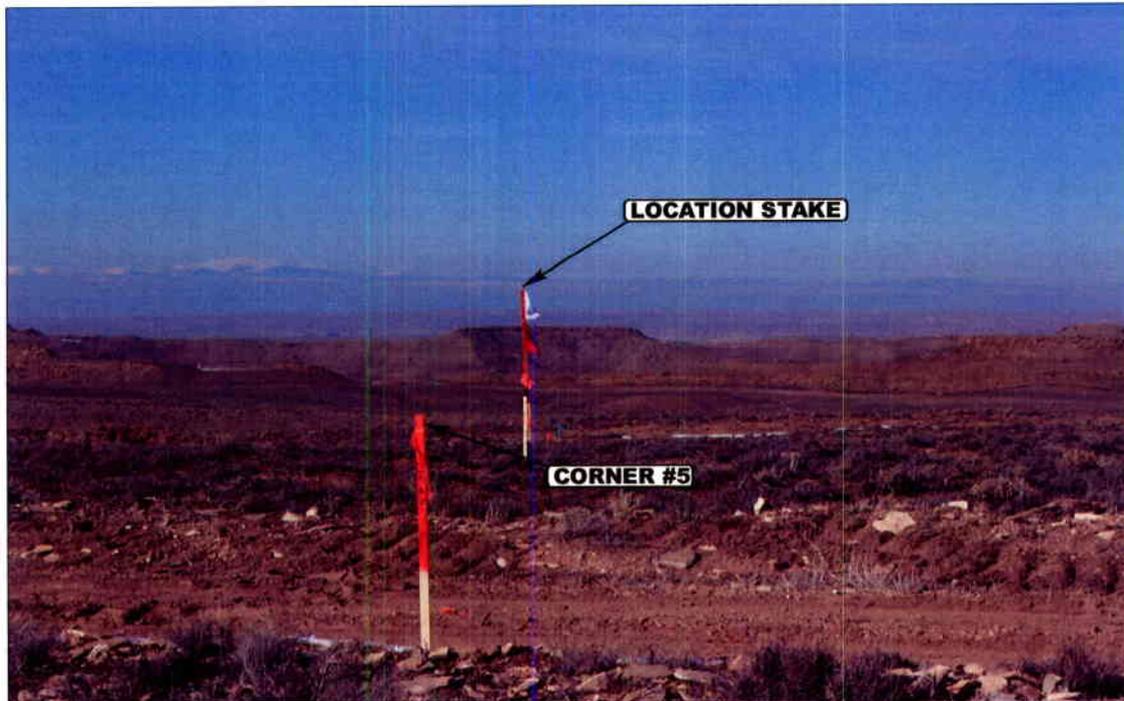


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

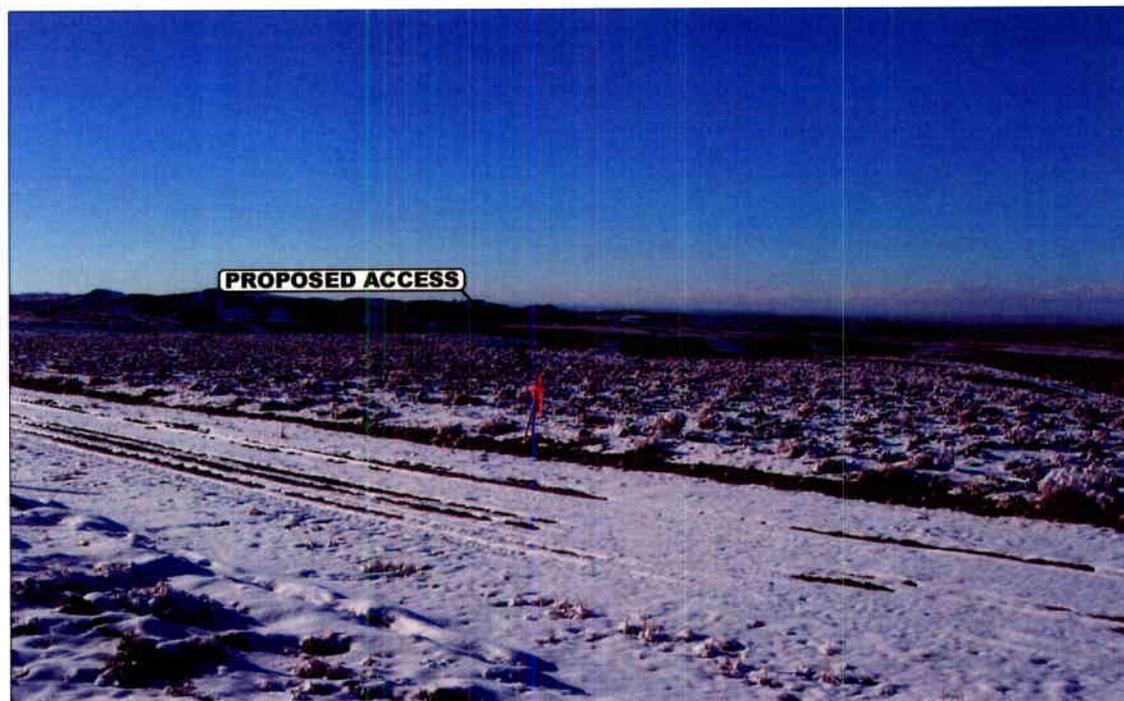


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

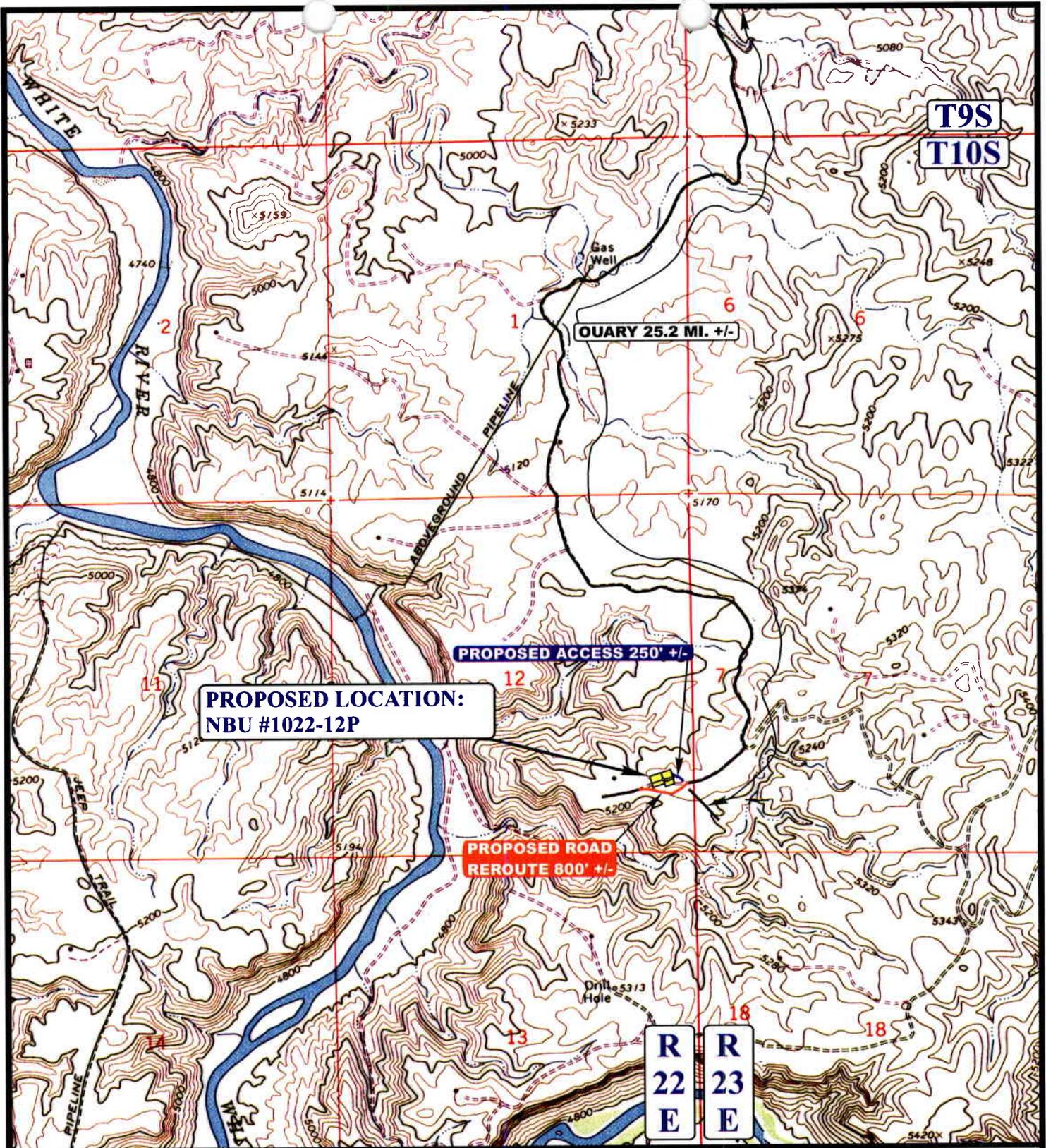
02 14 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.H.

REVISED: 00-00-00



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD REROUTE

**WESTPORT OIL AND GAS COMPANY, L.P.**

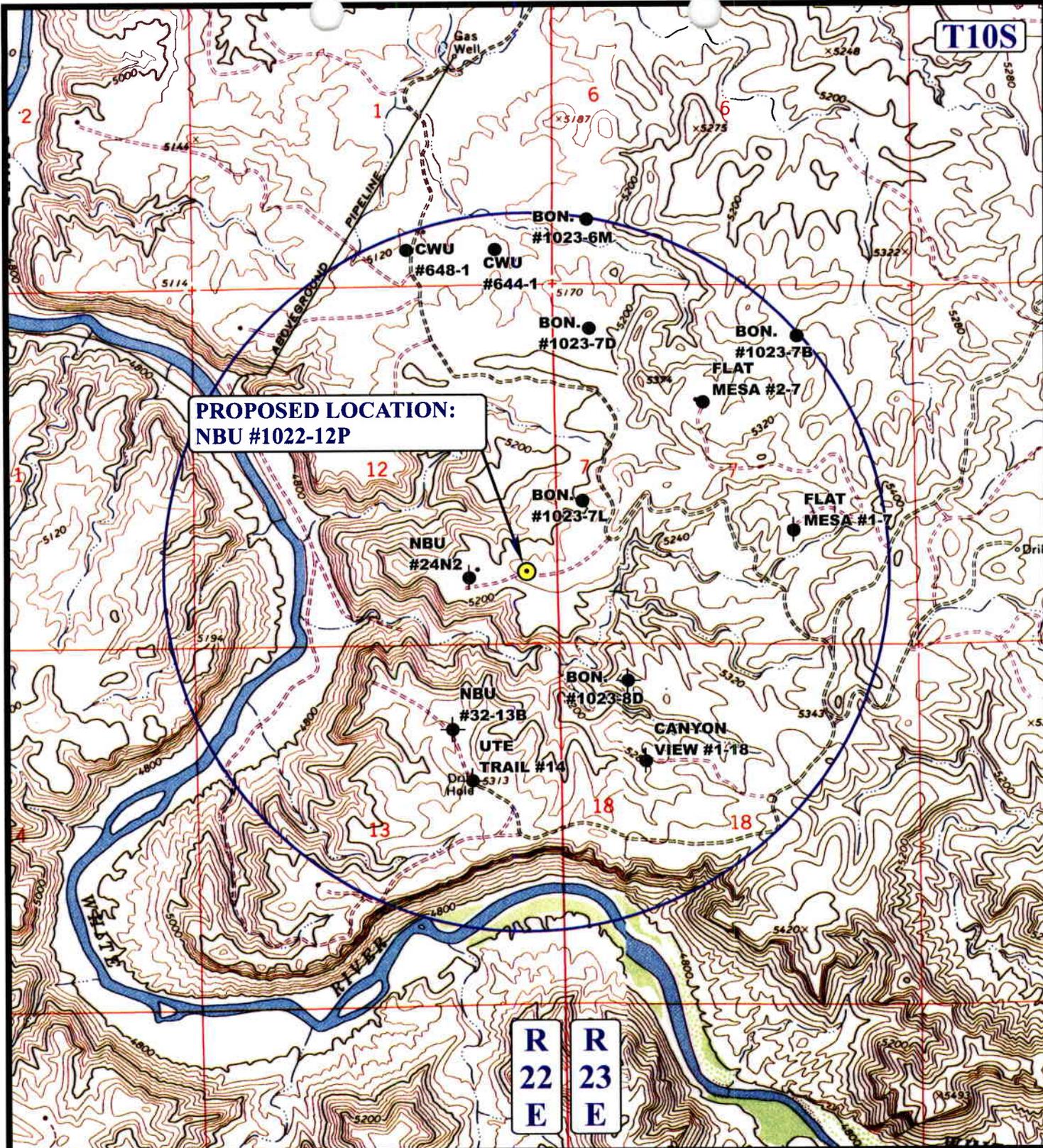
**NBU #1022-12P**  
**SECTION 12, T10S, R22E, S.L.B.&M.**  
**1083' FSL 462' FEL**



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

**TOPOGRAPHIC MAP** 02 14 05  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00 **B TOPO**

T10S



**PROPOSED LOCATION:  
NBU #1022-12P**

**R  
22  
E**

**R  
23  
E**

**LEGEND:**

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

**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #1022-12P**  
**SECTION 12, T10S, R22E, S.L.B.&M.**  
**1083' FSL 462' FEL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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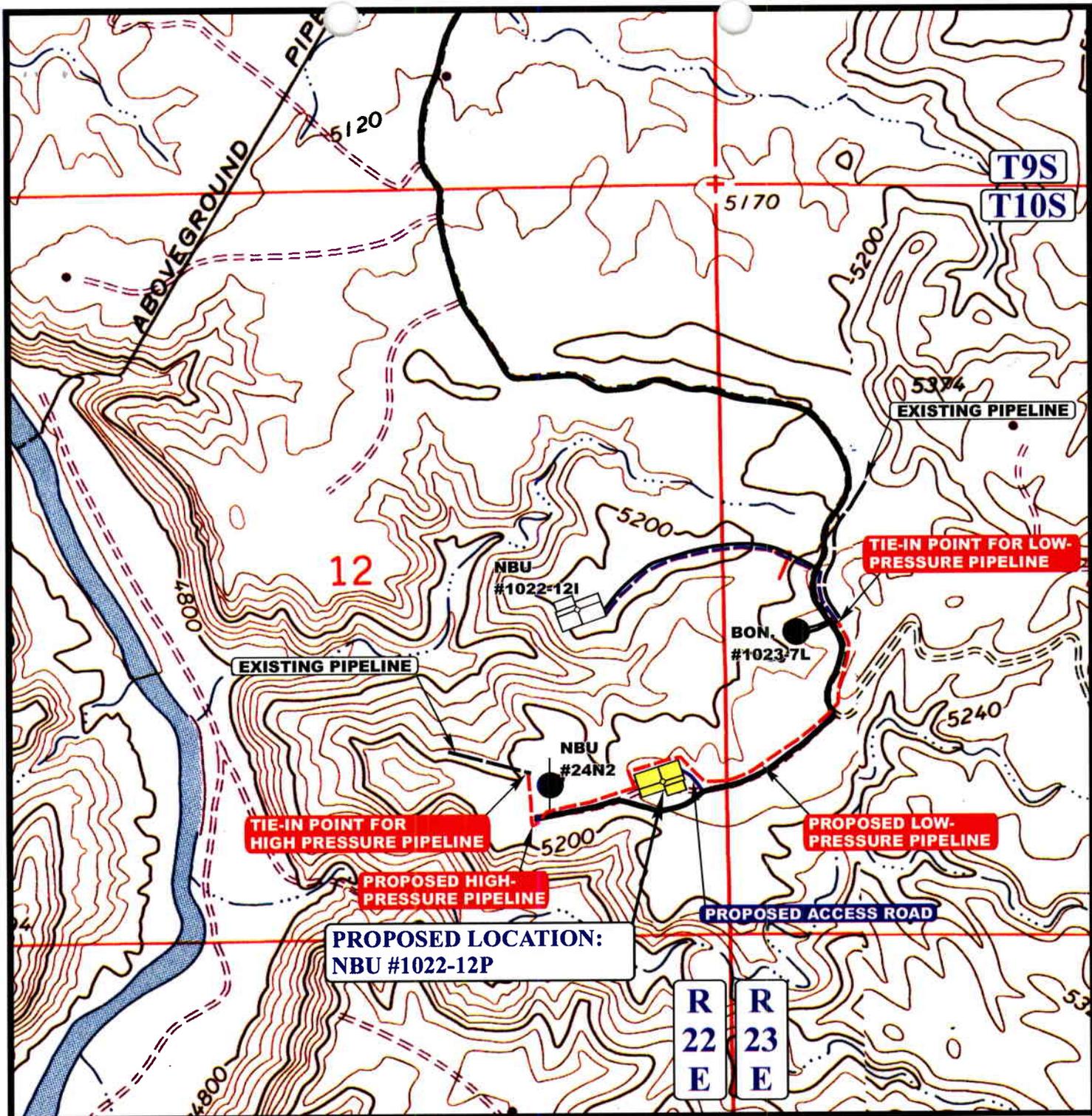


**TOPOGRAPHIC  
MAP**

**02 14 05**  
 MONTH DAY YEAR

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





**APPROXIMATE TOTAL LOW PRESSURE PIPELINE DISTANCE = 2600' +/-**  
**APPROXIMATE TOTAL HIGH PRESSURE PIPELINE DISTANCE = 1100' +/-**

**LEGEND:**

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



**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #1022-12P**  
**SECTION 12, T10S, R22E, S.L.B.&M.**  
**1083' FSL 462' FEL**



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

**TOPOGRAPHIC MAP** **02 14 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00



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

FORM 6

ENTITY ACTION FORM

Operator: WESTPORT OIL & GAS COMPANY L.P. Operator Account Number: N 2115  
 Address: 1368 SOUTH 1200 EAST  
 city VERNAL  
 state UT zip 84078  
 Phone Number: (435) 781-7024

Well 1 43-047-36567

API Number	Well Name		QQ	Sec	Twp	Rng	County
430473567	NBU 1022-1F		SENW	1	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	3/25/2006		<u>3/30/06</u>		
Comments: <u>MIRU PETE MARTIN BUCKET RIG. WSMVD</u> <u>SPUD WELL LOCATION ON 03/25/2006 AT 1700 HRS.</u>							

Well 2

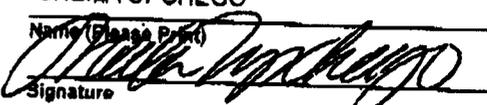
API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736403	NBU 1022-12P		SESE	12	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	3/22/2006		<u>3/30/06</u>		
Comments: <u>MIRU ROCKY MOUNTAIN RIG. WSMVD</u> <u>SPUD WELL LOCATION ON 03/22/2006 AT 1300 HRS.</u>							

Well 3

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

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO  
 Name (Please Print)  
  
 Signature  
 REGULATORY ANALYST 3/28/2006  
 Title Date

To: CARIGNE RUSSELL From: SHEILA UPCHEGO  
 Co./Dept: UTDGM Co: WESTPORT OIL & GAS CO LP  
 Phone #: (801) 536-5336 Phone #: (435) 781-7024  
 Fax #: (801) 351-3940 Fax #: (435) 781-7094

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 MAR 28 2006

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ST UO-01197-AST</b>
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: <b>NATURAL BUTTES UNIT</b>
2. NAME OF OPERATOR: <b>WESTPORT OIL &amp; GAS COMPANY L.P.</b>		8. WELL NAME and NUMBER: <b>NBU 1022-12P</b>
3. ADDRESS OF OPERATOR: 1368 S. 1200 E.      CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		9. API NUMBER: <b>4304736403</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1083'FSL, 462'FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 12 10S 22E</b>		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

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

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

**MIRU ROCKY MOUNTAIN RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.**

**SPUD WELL LOCATION ON 03/22/2006 AT 1300 HRS.**

NAME (PLEASE PRINT) <b>SHEILA UPCHEGO</b>	TITLE <b>REGULATORY ANALYST</b>
SIGNATURE	DATE <b>3/28/2006</b>

(This space for State use only)

**RECEIVED**  
**APR 04 2006**  
DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ST UO-01197-AST</b>
2. NAME OF OPERATOR: <b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		7. UNIT or CA AGREEMENT NAME: <b>UNIT #891008900A</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1083'FSL, 462'FEL</b>		8. WELL NAME and NUMBER: <b>NBU 1022-12P</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 12 10S 22E</b>		9. API NUMBER: <b>4304736403</b>
COUNTY: <b>UINTAH</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
STATE: <b>UTAH</b>		

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

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

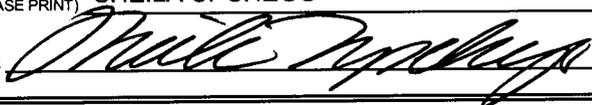
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU ENSIGN RIG #82 ON 05/03/2006. RAN 12 1/4" SURFACE HOLE TO 2173'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/350 SX CLASS G @15.8 PPG TOP OUT W/650 SX CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE HOLE STAYED FULL. NIPPLE DOWN ROTATING HEAD AND FLOW LINE. CUT OFF COND & 9 5/8" CSG WELD ON AND TEST WELL HEAD NIPPLE UP BOPE TEST KELLY AND VALVES.

DRILLING AHEAD.

**RECEIVED**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <b>SHEILA UPCHEGO</b>	TITLE <b>REGULATORY ANALYST</b>
SIGNATURE 	DATE <b>5/5/2006</b>

(This space for State use only)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( 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
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok

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

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

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

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
DIV. OF OIL, GAS & MINING

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

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

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

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

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**MULTIPLE LEASES**  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**MUTIPLE WELLS**

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

9. API Well No.

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ST UO-01197-AST</b>
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: <b>UNIT #891008900A</b>
2. NAME OF OPERATOR: <b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>		8. WELL NAME and NUMBER: <b>NBU 1022-12P</b>
3. ADDRESS OF OPERATOR: <b>1368 SOUTH 1200 EAST</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		9. API NUMBER: <b>4304736403</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1083'FSL, 462'FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 12 10S 21E</b>		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>FINAL DRILLING OPERATIONS</b>
	<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 2173' TO 8350' ON 05/12/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/455 SX PREM LITE II @12.0 PPG 2.37 YIELD. TAILED CMT W/1270 SX 50/50 POZ @14.3 PPG 1.31 YIELD. FLOATS HELD. SET CSG SLIPS W/75K NIPPLE DOWN CUT OFF CSG CLEAN PITS.**

**RELEASED ENSIGN RIG 82 ON 05/13/2006 AT 11:00 AM.**

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGUALTORY ANALYST</u>
SIGNATURE	DATE <u>5/15/2006</u>

(This space for State use only)

**RECEIVED**  
**MAY 19 2006**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ST UO-01197-AST</b>
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: <b>UNIT #891008900A</b>
2. NAME OF OPERATOR: <b>KERR McGEE OIL &amp; GAS ONSHORE LP</b>			8. WELL NAME and NUMBER: <b>NBU 1022-12P</b>
3. ADDRESS OF OPERATOR: <b>1368 S 1200 E</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		PHONE NUMBER: <b>(435) 781-7024</b>	9. API NUMBER: <b>4304736403</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1083'FSL, 462'FEL</b>			10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 12 10S 21E</b>			COUNTY: <b>UINTAH</b>
			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <b>PRODUCTION START-UP</b>

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 06/02/2006 AT 5:00 PM.**

**PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.**

NAME (PLEASE PRINT) <b>SHEILA UPCHEGO</b>	TITLE <b>REGUALTORY ANALYST</b>
SIGNATURE	DATE <b>6/6/2006</b>

(This space for State use only)

**RECEIVED**  
**JUN 1 2 2006**

**WESTPORT OIL & GAS COMPANY, LP**

**CHRONOLOGICAL HISTORY**

**NBU 1022-12P**

	<b>SPUD</b>	<b>Surface Casing Air Rig</b>	<b>Activity</b>	<b>Status</b>
02/27/06			Build Location, 10% complete	Caza 82
02/28/06			Build Location, 20% complete	Caza 82
03/01/06			Build Location, 30% complete	Caza 82
03/02/06			Build Location, 30% complete	Caza 82
03/03/06			Build Location, 40% complete	Caza 82
03/06/06			Build Location, 50% complete	Caza 82
03/07/06			Build Location, 60% complete	Caza 82
03/08/06			Build Location, 70% complete	Caza 82
03/09/06			Build Location, 80% complete	Caza 82
03/10/06			Build Location, 95% complete	Caza 82
03/13/06			Build Location, 100% complete	Caza 82
03/21/06			Location complete, WOBR	Caza 82
03/24/06	3/24/06		Set conductor, WOAR	Caza 82
04/07/06	04/05/06		Air rig spud, Drlg	Caza 82
04/10/06	04/05/06		Drl to 2160' will finish w/drl rig	Caza 82
04/18/06	04/05/06		Drl to 2160' will finish w/drl rig, Ring in	Caza 82
05/02/06	<b>TD: 2160'</b>	<b>Csg. 9 5/8"</b>	<b>MW: 8.4</b>	<b>SD: 5/XX/06 DSS: 0</b>
	<b>Move to NBU 1022-12P. Spot rig and RURT.</b>			
05/03/06	<b>TD: 2160'</b>	<b>Csg. 9 5/8"</b>	<b>MW: 8.4</b>	<b>SD: 5/2/06 DSS: 1</b>
	<b>RURT. NU on 14" conductor. PU 12 1/4" bit and clean out hole to 2173'. POOH @ report time to run 9 5/8" casing.</b>			
05/04/06	<b>TD: 2160'</b>	<b>Csg. 9 5/8"</b>	<b>MW: 8.4</b>	<b>SD: 5/2/06 DSS: 2</b>
	<b>POOH. Run and cement 9 5/8" casing. Install well head. NU and test BOPE @ report time.</b>			
05/05/06	<b>TD: 3234'</b>	<b>Csg. 9 5/8"</b>	<b>MW: 8.4</b>	<b>SD: 5/2/06 DSS: 3</b>

Finish BOPE test. TIH, drill cmt and FE. Drill and survey f/ 2173'-3234'. DA @ report time.

- 05/08/06 TD: 6667' Csg. 9 5/8" MW: 10.0 SD: 5/2/06 DSS: 6  
Drill and survey from 3234'-6667'. DA @ report time.
- 05/09/06 TD: 7355' Csg. 9 5/8" MW: 10.6 SD: 5/2/06 DSS: 7  
Drill from 6667'-7355'. DA @ report time.
- 05/10/06 TD: 7657' Csg. 9 5/8" MW: 10.7 SD: 5/2/06 DSS: 8  
Drill from 7355'-7598'. TFNB and MM. Drill to 7657'. DA @ report time.
- 05/11/06 TD: 8150' Csg. 9 5/8" MW: 12.4 SD: 5/2/06 DSS: 9  
Drill from 7657'-7887'. Circulate out gas and raise mud weight to 12.4 ppg. Lost 60 bbls mud on mud up. Drill to 8150'. DA @ report time.
- 05/15/06 TD: 8350' Csg. 9 5/8" MW: 12.5 SD: 5/2/06 DSS: 12  
Finish laying down drill string. Run Triple Combo. Run and cement 4 1/2" Production Casing. WOC. Set slips, ND BOPE and release rig @ 1100 hrs 5/13/06. RDRT & move to NBU 1022-1F.
- 05/25/06 PROG: RR FROM NBU 1022-1A TO LOCATION. SPOT RIG & EQUIP. HSM (JSA #1). RU RIG, ND WH, NU BOP. RU FLR. PU 3-7/8" BIT SUB. PREP, TALLY & RIH W/ BIT, SUB & TBG. TAG PBTD @ 8296'. POOH. LD 27 JTS TBG. CONT TO POOH, STAND BACK 118 STANDS. LD BIT & SUB. SWI, SDFN.
- 05/26/06 5/26/06 PROG: HSM. NDBOP, NU FRAC VALVES. MIRU DBL JACK TESTERS. MU RIG PMP TO WELL, FILL CSG & PRESS TO 3500 # W/ RIG. PRESS TEST CSG & FRAC VALVES TO 7500 #, GOOD TEST. RDMO DBL JACK. MIRU CUTTERS WIRE LINE SERVICE. PU 3-3/8" PERF GUN (23 Gm CHG, -0.35" HOLE, 42" PENE). RIH, PERF: 8218-23', PU, PERF: 8075-79', 4 SPF EA, TOT OF 36 HOLES. POOH, LD WL TLS. RDMO CWLS. PREP TO FRAC ON TUESDAY. SWI, SDFWE.
- 5/29/06 PROG: SD FOR HOLIDAY
- 05/30/06 PROG: 7:00 A.M. RU CUTTERS & BJ HSM TESTED LINES @ 8420# SICP = 1720# BRK DN PERF @ 3475# PMPD 155 BBL FOR INJ @ 41.8 BPM @ 4630# ISIP = 2650# FG = .76 PMPD 572 BBL OF LIGHTNING 20 & 46,092# OF 20/40 SD ISIP = 3050# FG = .81 NPI = 400# MP = 4320# MR = 40 .7 AP = 4230# AR = 40.6
- STAGE#2 RIH W/ 8K CBP & 3-3/8" PERF GUNS W/ 23 GRAM CHARGES & .35 HOLES TO 7975' SET CBP PUH PERF 7940' - 7945' (4SPF) 7855' - 7861' (4SPF) TOTAL HOLES 44 WHP = 1475# PERF WOULDNT BRK RIH W/ A DUMP BAIL TO 7945' DUMPED ACID POOH BRK PERF @ 4150# PMPD 133 BBL FOR INJ @ 44.4 BPM @ 5000# ISIP = 2600# FG = .76 PMPD 2694 BBL OF LIGHTNING 20 & 348,750# OF 20/40 SD ISIP = 4450# FG = 1.0 NPI = 1850# MP = 5620# MR = 45.6 AP = 5073# AR = 43.7
- STAGE#3 RIH W/ 8K CBP & 3-3/8" PERF GUNS W/ 23 GRAM CHARGES W/ .35 HOLES TO 7688' SET CBP PUH PERF 7612' - 7618' (4SPF) 7508' - 7511' (4SPF) TOTAL HOLES 36 WHP = 300# PERF WOULDNT BRK RIH W/ DUMP BAILER TO 7612' DUMPED ACID BRK DN PERF @ 4660# PMPD 72 BBL FOR INJ @ 45.5 BPM @ 6375# ISIP = 2600# FG = .78 PMPD 2725 BBL OF LIGHTNING 20 & 343,793# OF 20/40 SD ISIP = 3300# FG = .87 NPI = 700# MP = 5235# MR = 46.6 AP = 4833# AR = 46.2

STAGE#4 RIH W/ 8K CBP & 3-3/8" GUNS W/ 23 GRAM CHARGES & .35 HOLES TO 7220'  
SET CBP PUH PERF 7235' - 7240' (4SPF) 7182' - 7186' (4SPF) SDFD SD HOPPER LOSS A

05/31/06

PROG: 7:00 A.M. BJ CUTTERS & RIG CREW HSM

STAGE#4 SICP = 1680# BRK DN PERF @ 4965# PMPD77 BBLs @ 40 BPM @ 4500#  
ISIP = 2250# FG = .75 PMPD 653 BBLs OF LIGHTNING 18 & 75,112# OF 20/40 SD ISIP  
= 2800# FG = .82 NPI = 550# MP = 4145# MR 40.7 AP = 3835# AR = 40.5

STAGE#5 RIH W/ 8K CBP & 3-3/8" PERF GUNS W/ 23 GRAM CHARGES W/.35 HOLES TO  
6852' PUH PERF 6818' - 6822' (4SPF) 6764' - 6769' (4SPF) 6610' - 6612' (4SPF)  
TOTAL HOLES 44 WHP = 170 BBLs BRK DN PERF @ 2804# PMPD 110 BBL @ 40.6 BPM  
@ 3900# ISIP = 2300# FG = .78 PMPD 1232 BBLs OF LIGHTNING 18 & 166,814# OF 20/40  
SD ISIP = 2850# FG = .86 NPI = 550# MP = 3940# MR = 40.7 AP = 3698# AR = 40.6 BPM

STAGE#6 RIH W/ 8K CBP & 3-1/8" PERF GUNS W/ 12 GRAM CHARGES W/ .34 HOLES TO  
6088' SET CBP PUH PERF 6053' - 6058' (4SPF) TOTAL HOLES 20 WHP = 175# BRK DN  
PERF @ 2715# PMPD 77 BBL @ 33.7 BPM @ 4000# ISIP = 2110# FG = .78 PMPD 624 BBLs  
OF LIGHTNING 18 & 76,438# OF 20/40 SD ISIP = 2950# FG = .92 NPI = 840# MP = 4035#  
MR = 35 AP = 3790# AR = 34.9 BPM

STAGE#7 RIH W/ 8K CBP & 3-1/8" GUNS W/ 12 GRAM CHARGES W/ .34 HOLES TO 5327  
SET CBP PUH PERF 5292' - 5297' (4SPF) 5244' - 5248' (4SPF) 5050' - 5054' (4SPF) TOTAL  
HOLES 52 WHP = 230# BRK DN PERF @ 2131# PUMP 101 BBL @ 47.5 BPM @ 2900# ISIP  
1450 FG .71 FRAC W/ 254772 # 20/40 SD + 1838 BBL LIGHTNING 18# FLUID MP 3050 MR  
46.8 BPM AP 2838# AR 46.7 BPM ISIP 1900# NPI 450#

STAGE# 8 RIH W/8K CBP & 3-1/8 GUNS 12 GM .34 HOLES PERF @ 4707'-12' 4 SPF WHP  
180#BRK DN PERF @ 2732# PMPD 50 BBL @ 2500# ISIP 1008# FG .66 FRAC W/37700#  
20/40 SD + 284 LIGHTNING 18# FLUID MP 2390# MR 19 BPM AP 2203# AR 18.8 BPM ISIP  
2150# FG .89 NPI 1142#

RIH SET 8K CBP @ 4650' RIG DN BJ & CUTTERS RIH W/ POBS -2-3/8 TBG TAG @ 4650'  
SDFN

PMPD 789 GALS DVD  
PMPD 1,350,472# OF 20/40 SD

06/01/06

PROG: HSM. RU PMP TO TBG, EST CIRC. TAG KILL PLUG @ 4650'. RU PMP TO TBG,  
EST CIRCULATION. DRL OUT CBPs AS LISTED:

PLG #	TAG FILL	PLG DPTH	MINS TO DRL	PSI INCR
1	0'	4650'	6	25 PSI
2	4712'	4742'	6	200
3	5287'	5327'	6	50
4	6073'	6088'	6	0
5	6812'	6852'	7	25
6	7240'	7270'	8	300
7	7608'	7048'	8	350
8	7925'	7975'	6	75

CONT TO RIH W/BIT & TBG, TAG FILL @ 8236', CLN OUT TO PBD @ 8296'. CIRC  
HOLE CLN. POOH & LD 39 JTS TBG (TOT OF 46 JTS ON FLOAT, 270 TOTAL JTS DEL TO  
LOC.). PU HNGR,LND TBG W/224 JTS IN HOLE, EOT @ 7084.45'. RU FLR, ND BOP, NU  
WH. RU PUMP TO TBG, DROP BALL. PMP OFF BIT & SUB W/1750 #. TURN WL OVER  
TO FBC (FRANK SURSA W/DELSCO NORTH). RIG REC 1820 BBL. 8799 BBL LTR. 2000

# ON CSG, 1800 # FTP.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2250#, TP: 2050#, 20/64 CHK, 40 BWPH, 16 HRS, SD: TRACE, TTL BBLs FLWD: 615 BBLs, TODAY'S LTR: 8799 BBLs, LOAD REC TODAY: 615 BBLs, REMAINING LTR: 8184 BBLs, TOTAL LOAD REC TO DATE: 615 BBLs.

**06/05/06**

**ON SALES**

06/02/06: 677 MCF, 0 BC, 480 BW, TP: 1700#, CP: 2300#, 20/64 CHK, 24 HRS, LP: 109#.  
06/03/06: 2808 MCF, 0 BC, 408 BW, TP: 1660#, CP: 2280#, 20/64 CHK, 24 HRS, LP: 111#.

**06/06/06**

**ON SALES**

06/04/06: 2844 MCF, 0 BC, 360 BW, TP: 1600#, CP: 2100#, 20/64 CHK, 24 HRS, LP: 140#.

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

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

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

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

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1083'FSL, 462'FEL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**STUO-1197-AST**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

8. WELL NAME and NUMBER:  
**NBU 1022-12P**

9. API NUMBER:  
**4304736403**

10. FIELD AND POOL, OR WILDCAT  
**NATURAL BUTTES**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SESE 12 10S 22E**

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

14. DATE SPUNDED: **3/22/2006** 15. DATE T.D. REACHED: **5/12/2006** 16. DATE COMPLETED: **6/2/2006** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**5266'GL**

18. TOTAL DEPTH: MD **8,350** TVD

19. PLUG BACK T.D.: MD **8,296** TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**CBL-CCL-GR**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 H-40	32.3#		2,173		1000			
7 7/8"	4 1/2 I-80	11.6#		8,350		1725			

**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	7.084							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	4,707	6,058		
(B) MESVARDE	6,610	8,075		
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,707 6,058	0.34	92	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
6,610 8,075	0.35	196	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4707'-6058'	PMP 2746 BBLs LIGHTNING 18 & 368,911# 20/40 SD
6610'-8075'	PMP 7876 BBLs LIGHTNING 18, 20 & 981,561# 20/40 SD

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

30. WELL STATUS:  
**PROD**

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/2/2006		TEST DATE: 6/18/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 3,123	WATER - BBL: 315	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 1,333	CSG. PRESS. 1,709	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 3,123	WATER - BBL: 315	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 6/2/2006		TEST DATE: 6/18/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 3,123	WATER - BBL: 315	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64	TBG. PRESS. 1,333	CSG. PRESS. 1,709	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 3,123	WATER - BBL: 315	INTERVAL STATUS: PROD

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,095 6,411	6,411			

34. FORMATION (Log) MARKERS:

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 6/20/2006

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> STUO-01197-AST
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 1022-12P
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047364030000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100  <b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1083 FSL 0462 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 12 Township: 10.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> 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: 12/12/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Production Enhancement"/>

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

The operator conducted the following workover/wellbore cleanout on the subject well on 12/12/2013. Please see the attached chronological well history for details. Thank you.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 February 20, 2014

<b>NAME (PLEASE PRINT)</b> Teena Paulo	<b>PHONE NUMBER</b> 720 929-6236	<b>TITLE</b> Staff Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/18/2014	

US ROCKIES REGION  
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 1022-12P				Spud Date: 5/2/2006				
Project: UTAH-UINTAH			Site: NBU 1022-12P PAD			Rig Name No: SWABBCO 8/8		
Event: WELL WORK EXPENSE			Start Date: 12/4/2013		End Date: 12/12/2013			
Active Datum: RKB @5,279.99usft (above Mean Sea Level)				UWI: NBU 1022-12P				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/4/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 14:30	7.25	MAINT	30	A	P		ROAD RIG FROM NBU 1022-12F4BS TO NBU 1022-12P, MIRU, MOVE 3 ABOVE GROUND FLOWLINES FROM OTHER WELLS ON THE PAD, 660# SICP, CONTROL WELL W/ 30 BBLS T-MAC, ND WH, NU BOP'S, SPOT IN TBG TRAILER
	14:30 - 15:30	1.00	MAINT	31	I	P		UNLAND TBG, TIH TAG FILL @7783' (487' ABOVE PBSD) W/ 12 JTS, TOOHS STAND BACK 6 STANDS IN DERRICK
	15:30 - 16:00	0.50	MAINT	30		P		DRAIN PUMP& LINES, SDFN
12/5/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 10:30	3.25	MAINT	46	C	W		FUEL IN RIG & EQUIP GELLED
	10:30 - 17:00	6.50	MAINT	31	I	P		, MIRU SCAN TECH, TOOHS & SCAN 2-3/8" TBG, LD 123 JTS DUE TO PITTING & WALL LOSS GREATER THAN 30%, JTS 83-200 HAD MEDIUM EXTERNAL SCALE, JTS 201-234 HAD HEAVY EXTERNAL SCALE, JTS 168-204 HAD MEDIUM INTERNAL SCALE, JTS 205-234 HAD HEAVY INTERNAL SCALE, FOUND HOLES IN 8 JOINTS, SWI.
	17:00 - 17:00	0.00	MAINT	30	C	P		DRAIN PUMP & LINES, SDFN
12/6/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 12:30	5.25	MAINT	31	I	P		440# SICP, BLOW WELL DN TO PIT, P/U X-LONG 3-7/8" MILL, TIH W/ 2-3/8" TBG TO 5648', PUMP DN TBG TO KEEP BIT CLEAR BUT BIT WAS ALREADY PLUGGED
	12:30 - 14:30	2.00	MAINT	42	B	X		MIRU SWABBING EQUIP, SWAB FLUID OUT OF TBG & CLEAR SCALE OUT OF MILL
	14:30 - 17:00	2.50	MAINT	31	I	P		P/U TBG & TIH, PUMP DN TBG EVERY 15 JTS, TAG FILL @ 6728' & PLUGGED MILL, WORK TBG TO TRY & CLEAR MILL, NO LUCK WILL TRY SWABBING ON MONDAY, SWI, SDFWE
12/9/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 10:15	3.00	MAINT	42	B	P		40# SICP, SWABB TBG TO CLEAR PLUGGED MILL
	10:15 - 16:30	6.25	MAINT	44	D	P		MIRU WEATHERFORD FOAM, ESTB CIRC IN 1HR 20MINS, C/O FROM 6728' TO 7106', CIRC WELL CLEAN, TOOHS W/ 12 JTS TO REMOVE STRING FLOAT, TIH W/ 12 JTS, SWI.
	16:30 - 17:00	0.50	MAINT	30	C	P		DRAIN PUMP & LINES, SDFN
12/10/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 18:00	10.75	MAINT	44	D	P		760# SICP, ESTB CIRC IN 55 MINS, C/O FROM 7106' TO 7862', CIRC WELL CLEAN, SWI, DRAIN PUMP & LINES, SDFN
12/11/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 13:30	6.25	MAINT	44	D	P		730# SICP, ESTB CIRC IN 1HR, C/O FROM 7862' TO 8252' (29' BELOW BTM PERF) & HIT OLD POBS, CIRC WELL CLEAN, RD WEATHERFORD

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 1022-12P		Spud Date: 5/2/2006	
Project: UTAH-UINTAH		Site: NBU 1022-12P PAD	Rig Name No: SWABBCO 8/8
Event: WELL WORK EXPENSE		Start Date: 12/4/2013	End Date: 12/12/2013
Active Datum: RKB @5,279.99usft (above Mean Sea Level)		UWI: NBU 1022-12P	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	13:30 - 17:00	3.50	MAINT	31	I	P		TOOH W/ 2-3/8" TBG, LD 28 JTS ON TRAILER & STAND THE REST BACK IN DERRICK, LD MILL, MU SAME XN, TIH W/ 27 STANDS TBG, SWI, DRAIN PUMP & LINES, SDFN
12/12/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 10:00	2.75	MAINT	31	I	P		770# SICP, CONTROL WELLL W/ 20 BBLS T-MAC, TIH W/ 2-3/8" TBG, BROACH TBG TO XN W/ 1.910 BROACH, LAND TBG ON HANGER W/ 234 JTS J-55 TBG
	10:00 - 17:00	7.00	MAINT	30	C	P		ND BOP'S, NU WH, RDMO
								KB 15'
								HANGER .83'
								234 JTS 2-3/8" J-55 7379.05'
								XN 2.20'
								EOT @ 7397.08'
								TWLTR 60 BBLS