

001

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

FORM 3

AMENDED REPORT [ ]
(highlight changes)

APPLICATION FOR PERMIT TO DRILL
1A. TYPE OF WORK: DRILL [X] REENTER [ ] DEEPEN [ ]
B. TYPE OF WELL: OIL [ ] GAS [X] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]
2. NAME OF OPERATOR: WESTPORT OIL AND GAS COMPANY, L. P.
3. ADDRESS OF OPERATOR: 1670 Broadway - Suite 2800 Denver, CO 80202-4800
4. LOCATION OF WELL (FOOTAGES): AT SURFACE: 1568' FSL, 2031' FWL
AT PROPOSED PRODUCING ZONE: Same
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW, Sec. 32, T 13 S, R 11 E, S.L.B.&M.
12. COUNTY: Carbon 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1568'
16. NUMBER OF ACRES IN LEASE: 640 acres
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): ~4400'
19. PROPOSED DEPTH: 3200'
20. BOND DESCRIPTION: Statewide Blanket RLB005236
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6341' Ungraded Ground Level
22. APPROXIMATE DATE WORK WILL START: Upon APD Approval
23. ESTIMATED DURATION: 5 days drilling plus 9 days completion

24. PROPOSED CASING AND CEMENTING PROGRAM
Table with 4 columns: SIZE OF HOLE, CASING SIZE, GRADE, AND WEIGHT PER FOOT, SETTING DEPTH, CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT.
Row 1: 12.25" hole, 8.625" K-55 casing, 40 ppg, 0-320' depth, 155 sx of Prem Plus cement.
Row 2: 7.875" hole, 5.5" K-55 casing, 15.5 ppg, 0-TD depth, 864 sx of 50/50 Prem/Poz cement.

25. ATTACHMENTS
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:
[X] WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
[X] COMPLETE DRILLING PLAN
[ ] EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
[ ] FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Daniel S. Carroll TITLE Senior Engineer
SIGNATURE [Signature] DATE March 13, 2003
RECEIVED MAR 18 2003
DIV. OF OIL, GAS & MINING

(This space for State use only)

API NUMBER ASSIGNED: 43-007-30909

APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining
Date: 05-21-03
By: [Signature]

(11/2001)

# T13S, R11E, S.L.B.&M.

## WESTPORT RESOURCES CORP.

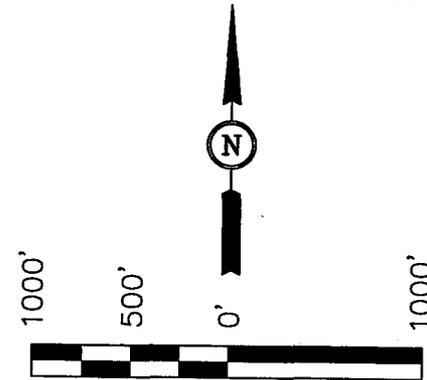
Well Location, NORTH BENCH STATE #23-32,  
located as shown in NE 1/4 SW 1/4 of Section  
32, T13S, R11E, S.L.B.&M. Carbon County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED ON A JEEP TRAIL IN THE NW 1/4  
OF SECTION 32, T13S, R11E, S.L.B.&M. TAKEN FROM THE  
DEADMAN CANYON QUADRANGLE, UTAH, CARBON COUNTY, 7.5  
MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE  
UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL  
SURVEY. SAID ELEVATION IS MARKED AS BEING 6460 FEET.

### BASIS OF BEARINGS

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



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 L. Gray*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161519  
STATE OF UTAH  
RAY

T13S

T14S

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

SCALE 1" = 1000'	DATE SURVEYED: 01-09-03	DATE DRAWN: 01-10-03
PARTY D.K. M.P. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WESTPORT RESOURCES CORP.	

1965 Brass Cap  
0.5' High, Pile  
of Stones, Steel  
Post

S89°28'55"W 2656.44' (Meas.) S89°30'W - 40.27 (G.L.O.)

1965 Brass Cap  
0.6' High, Pile  
of Stones

2653.85' (Meas.)  
N00°36'27"W

1965 Brass Cap  
Pile of Stones,  
Bearing Tree

32

NORTH BENCH STATE #23-32  
Elev. Ungraded Ground = 6341'

2031'

2654.52' (Meas.)  
N00°52'31"W

Section Corner  
Re-Established

1568'

N 1/4 Cor Sec 6  
1965 Brass Cap  
0.5' High, Pile  
of Stones

1965 Brass Cap  
0.7' High, Pile  
of Stones

1965 Brass Cap  
Flush w/ Ground  
Pile of Stones

S87°39'04"W 2708.69' (Meas.) N89°34'02"W 2616.08' (Meas.) S89°20'09"W 2614.57' (Meas.)

N02°29'23"E  
2760.16' (Meas.)

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
USING DOUBLE PROPORTION METHOD.  
(NOT SET)

(AUTONOMOUS NAD 83)  
LATITUDE = 39°38'58.49" (39.649581)  
LONGITUDE = 110°42'48.53" (110.713481)

W 1/4 Cor Sec 5  
1965 Brass Cap  
0.5' High, Small  
Pile of Stones,

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/18/2003

API NO. ASSIGNED: 43-007-30909

WELL NAME: N BENCH ST 23-32  
OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  
CONTACT: DEBBY BLACK

PHONE NUMBER: 303-575-0113

PROPOSED LOCATION:

NESW 32 130S 110E  
SURFACE: 1568 FSL 2031 FWL  
BOTTOM: 1568 FSL 2031 FWL  
CARBON  
HELPER ( 18 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	5/20/03
Geology		
Surface		

LEASE TYPE: 3 - State  
LEASE NUMBER: ML-48135  
SURFACE OWNER: 3 - State  
PROPOSED FORMATION: FRSD

LATITUDE: 39.64971  
LONGITUDE: 110.71283

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. RLB005236 )
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

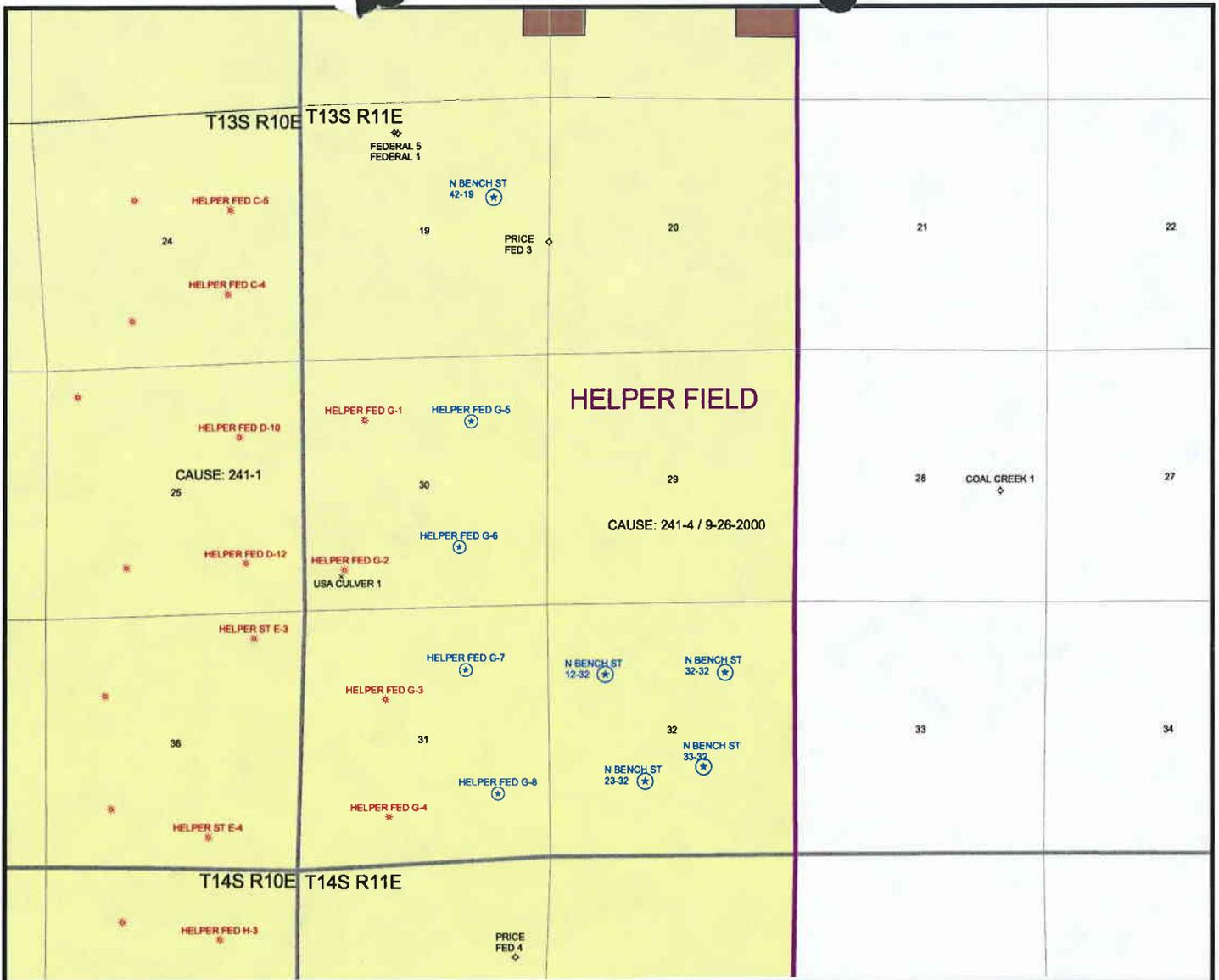
- \_\_\_ R649-2-3.  
Unit \_\_\_\_\_
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 241-4  
Eff Date: 9-26-00  
Siting: 400' fr U boundary & 900' fr other wells.
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Presio (Recd 4/2/03)

STIPULATIONS:

- ① Surface Casing Cont Stip
- ② STATEMENT OF BASIS



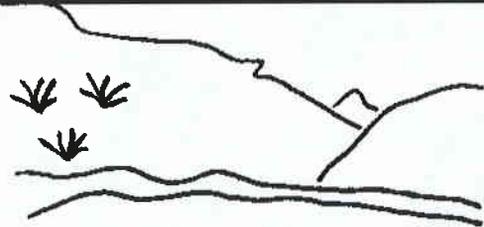
OPERATOR: WESTPORT O&G CO (N2115)

SEC. 32 T13S, R11E

FIELD: HELPER (18)

COUNTY: CARBON

CAUSE: 241-4 / 9-26-2000



Utah Oil Gas and Mining

WELLS

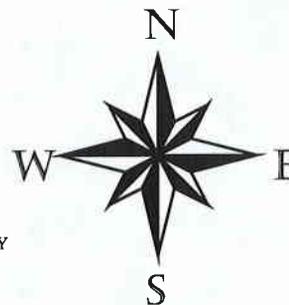
- ⊗ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- ◊ SHUT-IN GAS
- ◊ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ↗ WATER DISPOSAL

UNIT STATUS

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

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON  
DATE: 18-MARCH-2003

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

OPERATOR: Westport Oil and Gas  
WELL NAME & NUMBER: North Bench State 23-32  
API NUMBER: 43-007-30909  
LEASE: State FIELD/UNIT: \_\_\_\_\_  
LOCATION: 1/4, 1/4 NESWW Sec: 32 TWP: 13S RNG: 11E 1568 FSL 2031 FWL  
LEGAL WELL SITING: 460 FROM UNIT BOUNDARY AND 920 FROM ANOTHER WELL.  
GPS COORD (UTM): X = 524647 E; Y = 4388699 N SURFACE OWNER: SITLA

**PARTICIPANTS**

M. Jones (DOGM), Dan Carroll (Westport), Dave Kay (UELS), Tony Wright and Chris Colt (DWR), were in attendance for the on-site of this well. SITLA and Carbon County were invited but chose not to attend the onsite.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~6.0 miles NE of Price, Utah. Staked location lies East of Deadman Canyon. The direct area drains to the southeast eventually into the Price River, also a year-round live water source, ~7.5 miles South of the proposed location. Dry washes are typical throughout the area.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Wildlife habitat and grazing.

PROPOSED SURFACE DISTURBANCE: 155' x 270' with an included 80'x30'x10' pit.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 5 proposed wells are within a 1 mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadside.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and transported in.

ANCILLARY FACILITIES: None anticipated.

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to a central location into storage tanks, and trucked to a proper disposal site. Eventually, produced water may be re-injected into other zones via a salt-water disposal well. Used oil from drilling operations and support will be hauled to a used oil recycler and reused.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes.

FLORA/FAUNA: Pinion Juniper, Mtn. Mahogany, deer, small game, rodents,

and raptors.

SOIL TYPE AND CHARACTERISTICS: Gravelly sandy loam.

EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.

PALEONTOLOGICAL POTENTIAL: None observed.

**RESERVE PIT**

CHARACTERISTICS: Dugout earthen pit.

LINER REQUIREMENTS (Site Ranking Form attached): Liner required.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: As per SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed and area cleared by archeologists (Montgomery).

**OTHER OBSERVATIONS/COMMENTS**

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

March 25, 2003 / 1:00 pm  
DATE/TIME

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

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>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>0</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>5</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**      25      (Level I Sensitivity)

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



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

1670 Broadway Suite 2800 Denver Colorado 80202  
 Telephone: 303 573 5404 Fax: 303 573 5609

March 24, 2003

**FEDERAL EXPRESS**

Diana Mason  
 Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Salt Lake City, UT 84114-5801

RE: Application For Permit To Drill  
 HELPER FIELD  
Township 13 South – Range 11 East, S.L.B.&M.  
**North Bench State 12-32**  
 SWNW Section 32  
**North Bench State 23-32**  
 NESW Section 32  
**North Bench State 32-32**  
 SWNE Section 32  
**North Bench State 33-32**  
 NWSE Section 32  
**North Bench State 42-19**  
 SENE Section 19  
 Carbon County, Utah  
Township 14 South – Range 11 East, S.L.B.&M.  
**Wellington Federal 44-6 SWD**  
 SESE Section 6  
 Carbon County, Utah

Dear Ms. Mason:

Please find enclosed for your consideration and approval one (1) original and one (1) copy of the remaining materials to be included with the previously mailed Application For Permit To Drill for the above referenced wells.

Diana, I want to thank you for all of your assistance last week. Hopefully, with the enclosed paperwork, we will meet the State of Utah requirements for an approved APD package. If you find any additional materials you need or require, please don't hesitate contacting me.

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

*Debby J. Black*

Debby J. Black  
 Engineering Technician  
 303 575-0113 or  
 dblack@westportresourcescorp.com

RECEIVED

MAR 26 2003

xc: Dan Carroll, Robert Kozarek

DIV. OF OIL, GAS & MINING

**STATE OF UTAH - MASTER DRILLING PROGRAM**  
**Well Helper Field - Ferron Coal Program**  
**Cardinal Draw Prospect**  
**Sections 19 and 32: Township 13 South – Range 11 East**  
**Section 6: Township 14 South – Range 11 East**  
**Carbon County, Utah**

**Operator: Westport Oil and Gas Company, L. P.**

**INTRODUCTION**

Westport Oil and Gas Company, L. P.'s (Westport) proposes Well Helper Field Ferron Coal Program in Cardinal Draw Prospect located within Carbon County, Utah. The Well Helper Field Ferron Coal Project (Project) consists of five (5) proposed locations for 5 wells and one (1) Salt Water Disposal well. Four (4) of the wells are located in Sections 19 and 32 in Township 13 South – Range 11 East and one (1) Salt Water Disposal located in Section 5 in Township 14 South – Range 11 East. At each location, all wells will be drilled through the Ferron formation. The Project area can be accessed from county roads, some improvement to roads for access to the well sites and production facility locations.

**ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

A table summarizing information for each of the five (5) wells, plus one (1) Salt Water Disposal well in the Project are included in this document. In general, the ground elevation ranges from 6339 feet above mean sea level (MSL) to 6734 feet MSL graded at stake. The top of the Ferron of the Mesa Verde Formation lies approximately 2000 feet to 4150 feet below ground surface (BGS) and is 280 feet thick resulting in total approximate depths of 2280 feet to 4430 feet BGS.

WELL NAME AND NUMBER	LOCATION	TD	GR
North Bench State <del>42</del> <sup>41</sup> -19	NESE Sec. 19: T 13 S – R 11 E, <del>1380'</del> <sup>1380'</sup> FSL, <del>1291'</del> <sup>1291'</sup> FEL	4480'	6734'
North Bench State 12-32	SENE Sec. 32: T 13 S – R 11 E, 1473' FNL, 1239' FWL	3420'	6419'
North Bench State 23-32	NESW Sec. 32: T 13 S – R 11 E, 1568' FSL, 2031' FWL	3200'	6341'
North Bench State 32-32	SWNE Sec. 32: T 13 S – R 11 E, 1500' FNL, 1500' FEL	3470'	6409'
North Bench State 33-32	NWSE Sec. 32: T 13 S – R 11 E, 1840' FSL, 1986' FEL	3200'	6339'
Wellington Federal 44-6 SWDW	SESE Sec. 6: T 14 S – R 11 E, 937' FSL, 658' FEL	6485'	6087'

WELL NAME AND NUMBER	FORMATION	TOP	BOTTOM
North Bench State 42-19	FERRON COAL	4150'	4430'
North Bench State 12-32	FERRON COAL	2920'	3200'
North Bench State 23-32	FERRON COAL	2700'	2980'
North Bench State 32-32	FERRON COAL	2970'	3250'
North Bench State 33-32	FERRON COAL	2700'	2980'
Wellington Federal 44-6 SWDW	NAJAJO	5850'	6135'

RECEIVED

MAR 26 2003

## PRESSURE CONTROL EQUIPMENT

**Notification will be reported to the proper state and/or federal authorities 24 hours prior to initial BOP test.**

### Blowout Preventer Hook Up

After initial WOC time has expired, a SOW 11" x 9.625" 5000 psi casing head will be installed. Test wellhead weld to 2000 psi with hydraulic oil. BOP equipment will consist of an 11 5000 psi, double ram preventer with blind and pipe rams as well as an annular preventer. An HRC valve will be installed between BOP spool and choke manifold with controls on rig floor. Spool will be located between casing head and BOP's.

Test pipe rams, blind rams and choke manifold to 5000 psi high pressure test and 300 psi low pressure test perform this test with a test plug in the casing head and the casing head valve below the test plug open. Test the annular preventer to 50% of rated working pressure ( $0.50 \times 5000 = 2500$  psi). Test the surface casing to 70% or the internal yield strength ( $0.70 \times 3950$  psi = 2765 psi), refer to BLM Onshore Order # 2, section III A – Well Control Requirements for a complete discussion of BOP, BOPE and Surface Casing testing requirements. Record test results and notate on daily drilling reports to Westport Oil and Gas Company, L. P.

The pipe rams will be operationally checked each 24 hours. Blind rams will be function tested each time pipe is pulled out the hole, but not more than once every 24 hours. The annular preventer shall be function tested weekly. A BOP pit level drill shall be conducted weekly for each drilling crew. All BOP function tests and pit drills shall be properly noticed in the IADC tour sheets as they are performed. Studs on all wellhead flanges will be checked for tightness each week. A drill stem safety valve will be set in the open position and readily available on the rig floor at all times. Pipe and blind rams will be tested to 5000 psi high/300 psi low at least once every 30 days to meet requirements.

Trips required after pressure anomalous zones are penetrated should be made at minimum rate to prevent hole swabbing or pressure surges. **Note: Keep hole full at all times.**

Westport requests that they be allowed to employ the following safety measures and well control equipment on its wells.

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 12.25" hole 10% of the total depth of each well. Run an electronic multi shot after reaching surface hole total depth.
3. Run 8.625" surface casing and cement as specified in the casing and cementing sections of this Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure =  $0.70 \times 3950$  psi = 2765 psi.
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.

8. Drill a 7.875" hole to the top of the Ferron Coal with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Run open hole logs as specified in the logging section.
11. Pending log evaluation, run sidewall cores or prepare to run 5.5" casing and cement in full tension as specified in the casing and cementing section of this Master Drilling Plan.
12. Clean the location and release the drilling rig.

By allowance of the above measures for well control it is Westport's opinion that all operations will be conducted safely.

Attached as Exhibit G & H are a schematics of the BOP Equipment and Choke Manifold.

### LOCATION AND TYPE OF WATER SUPPLY

All water needed for drilling purposes will be obtained from the Price River municipal water source, since this well will be primarily drilled with air therefore, minimal water will be needed.

### MUD PROGRAM

The reserve pit will be lined with 9-mil liner.

Drilling fluid will be air and kept in optimum condition at all times. The representative will also be readily available if any problems are encountered. Representative should plan to be on location prior to and during any logging or casing running operations as well as during the conversion from fresh water to gel system.

Spud in with water. Mix gel and lime as needed to clean the hole prior to running surface casing. 8.625" conductor casing will be set at 10% of the total depth of the well.

Interval	Type	Weight	Viscosity, sec	Fluid loss
Surface - 460'	Gel/Lime	8.4 - 8.6	26 - 38	No Control
Surface - T.D.	Air			

Note:

1. Copy of mud engineers daily mud report will include accurate cost estimates and inventory listings.
2. Copies of daily mud reports will be given to drilling foreman and left in doghouse.
3. Morning reports must contain current mud properties requiring the mud engineer to make mud checks before 6:00 a.m.
4. Sweep the hole as frequently as the hole dictates.

## PROPOSED LOGGING PROGRAM

LOGGING TOOL	TOP logged interval	BOTTOM logged internal
Induction/GR/SP	Base of conductor casing	Total Depth
CNL-FDC (High Resolution)	For 2000' or to base of surface casing	Total Depth

Electric logs will be acquired when total depth is reached. Short trips prior to logging will be at the discretion of the drilling foreman on location. Viscosity of the mud will be raised to 45 – 50 sec/qt prior to pulling pipe for logs.

The logging contractor will be notified 24 hours in advance.

- Notes:
1. Under no condition will the logging tools be stopped in hole.
  2. Caliper and measure all tools run in hole.

### Drilling Samples

Collect samples as follows: 30' samples from 0 to 2600', 10' samples from 2600' to 2910', 10' samples from 2910' to 3100' and 10' samples from 3100 to TD. Well site geologist: Bob Kozarek, home phone (303-321-6180)

### Mud Logging Unit

None

### Hole Deviation Survey

Surface hole deviation is not to exceed 5' with surveys to be taken at 320' and more often if deviating. Below surface casing deviation will not exceed 7° to total depth projected. Below surface, angle changes between surveys will be limited to 1° per survey at 500' intervals.

### Drilling Time

Electronic drilling time recorder (Pason or equivalent) is to be used. **Note:** Down time, lost circulation and deviation surveys along with mud pump pressure, mud checks, weight on bit and rotary rpm are to be recorded at the respective depths. The digital files are to be sent on floppy disk to the Sauer Denver office at the end of the hole.

### Surface Hole – 12.25 Inch Interval

1. Drill a 12.25" hole to 10% of well's total depth.
2. Circulate and sweep hole as necessary to clean hole.
3. Surface casing will be **new** 8.625" OD.
4. Thread lock the first two joints of pipe and float equipment. Increase torque values by 1.1 percent when using thread lock. Run +/- 10% of TD of casing and install centralizers.

## Casing Selection

**!! Specify special drift 40 ppg casing for 8.75" bit !!**

Interval	Size	Weight	Grade	Thread	Collapse	Torque
0- 10% TD	8.625"	28.00	H 40	ST & C	1640	2610

### Design & Safety Factors

Weight	Grade	Thread	Depth	Length	Collapse	Burst	Tensile
28	H-40	ST & C	10% of TD	10% of TD	1.129	1.01	2.17

Notes: All collapse factors account for axial loading.

## Cementing Surface Pipe

1. Circulate up one casing volume (approximately 20 barrels).
2. Work pipe.
3. Pump 10 bbls water ahead and test lines to 3,000 psi.
4. Mix and pump cement as per program.
5. Release top plug.
6. Reciprocate pipe while cementing and set on bottom as neat cement rounds the shoe.
7. Bump plug to 750 psi over final lifting pressure. However, do not exceed 2470 psi (70% of internal yield strength). Hold for 5 minutes and check flow back. Hold pressure if the float fails.
8. Do not over displace more than 1.5 bbls.
9. WOC 8 hours. WOC time will be 8 hours before beginning to nipple up or the minimum amount of time to achieve 500 psi compressive strength based on lab results.
12. Nipple up 11 inch x 5,000 psi BOP.

## First Stage Cement Design

<b>Vendor:</b> Halliburton	Surface Cement
Volume	10% of Total Depth to Surface
Yield	1.18 cu ft / sack
Mix Water	5.20 gallons / sack
Weight	15.6 ppg
Content	Premium Plus Cement, 2% Calcium Chloride, 0.25#/sk Poly E Flake

### Important:

1. Cement and water to be used must be checked in the lab for properties before mixing.
  1. After WOC time has expired and the BOP is installed; if the cement on the outside of the surface casing is not to ground level, top off with either a hot API premium cement or ready mix. Do not use gravel. After reaching total depth and logging the well, Westport's Denver office will give orders to plug and abandon wells, run side wall cores or run 5.5" production casing. If production casing is to be run, drill pipe and bit will be RIH to TD and the hole conditioned for casing. Short trips will be made necessary to insure the hole is in optimum condition. The hole will be circulated a minimum of 4 hours prior to POOH for casing. **Note: The hole and**

**drilling mud will be in optimum condition prior to running production casing.** Once hole and mud are properly conditioned, drill pipe and collars will be POOH and lay down.

## **PRODUCTION CASING AND CEMENT PROGRAM – 8.75 Inch Interval**

After reaching total depth and logging the well, Westport Oil and Gas Company's representative will give orders to plug and abandon well, run side wall cores or run 5.5" production casing. If production casing is to run, drill pipe and bit will be RIH to total depth and the hole conditioned for casing. Short trips will be made as necessary to insure the hole is in optimum condition. The hole will be circulated a minimum of four (4) hours prior to POOH for casing. Once hole and mud are properly conditioned, drill pipe and collars will be POOH and lay down. **New 5.5" casing will be run to bottom with appropriate equipment.**

The casing will be delivered to location immediately upon the decision to run. It will be racked according to design and each joint numbered and tallied. The drilling foreman will be responsible for accuracy in the racking and tallying process. Each joint will be drifted using API drift. Any joints not drifting properly will be replaced. All joints will be inspected for damaged threads and each thread cleaned prior to running.

<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	<b>Collapse</b>	<b>Burst</b>	<b>Tensile</b>	<b>Torque</b>
15.5	K-55	LT&C	4040	4810	248,000	2050

Notes: All collapse factors account for axial loading.

Run centralizers on the first 5 joints of casing. The shoe joint should have centralizers on a stop ring five (5) feet up from the shoe. Well site Engineer may revise.

After casing is run, circulate and work casing down until it is one foot off bottom. Circulate hole clean and cement as follows:

1. Circulate bottoms up while working the pipe.
2. Pump 20 bbls. of chemical wash.
3. Shut down and test lines to 6,000 psi.
4. Mix and pump cement.
5. Drop top plug.
6. Displace with 2% KCL water.
7. Reciprocate the casing while the cement rounds the corner.
8. Bump plug to 750 psi over the final displacement pressure (approximately 3500 psi).
9. Hold pressure 5 minutes.
10. Check for flow back.
11. Shut in and hold pressure if the float equipment fails. Wait 8 hours or enough time to attain 500 psi compressive strength.
12. Pick up the BOP and set the casing slips.

Cement volumes are based on raising cement to base of surface with 30% excess. Once logs are obtained, calculate actual hole volume and calculate new cement volumes based on log value plus 10%.

**Cement Specifications:****Stage Two Cement Design**

Vendor: Halliburton	Lead	Trail
Volume	Cement back to surface casing	Cement back to surface casing
Yield	1.97 cu ft / sack	1.60 cu ft / sack
Mix water	9.78 gallons per sack	7.89 gallons per sack
Weight	12.5 ppg	14.2 ppg
Content	50/50 Prem/Poz, 8% Gel total, 10% Cal-Seal and 0.25#/sack Poly E Flake	50/50 Prem/Poz, 10% Cal-Seal, 1% Calcium Chloride, 0.25#/sack Poly E Flake

**Tubing Head**

1. Make a final cut on the 5.5". Set slips – casing in full tension.
2. Install tubing head and protective flange.

**SURFACE AND MINERAL OWNERSHIP:**

Surface Owner: School Institutional Trust Land Administration (SITLA) 675 E. 500 South, Suite 500, Salt Lake City, UT 84102-2818, Attn: Mr. Ed Bonner, Mineral Specialist

Mineral Ownership: School Institutional Trust Land Administration (SITLA) 675 E. 500 South, Suite 500, Salt Lake City, UT 84102-2818, Attn: Mr. Ed Bonner, Mineral Specialist

**ABNORMAL CONDITIONS**

Below-normal pressures are anticipated in the pilot and reamed hole. The surface sands and the coal are potential zones of lost circulation. Potential for lost circulation will be alleviated by the use of compressed air as the drilling medium.

No hydrogen sulfide (H<sub>2</sub>S) has been encountered in or is known to exist in wells previously drilled to similar depths or to the target coal in the general Project area.

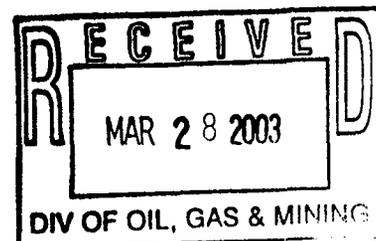
Maximum anticipated bottom hole pressure ranges from approximately 485 to 550 psig (calculated at 0.433 psi/foot of hole). Maximum anticipated surface pressure ranges from approximately 350 to 400 (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.33 psi/foot of hole).

**PLANS FOR RESTORATION OF THE SURFACE**

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: *Adjacent undisturbed land in a windrow fashion.*

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production will be removed.



The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be re-contoured to replicate the natural slope.

The stockpile topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be used according to State of Utah recommended mixture.

The abandonment marker will be one of the following, as specified by the State of Utah:

1. at least four feet above ground level,
2. at restored ground level, or
3. below ground level.

In any case the marker shall be inscribed with the following: operator's name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footage).

# BOP Equipment

3000psi WP

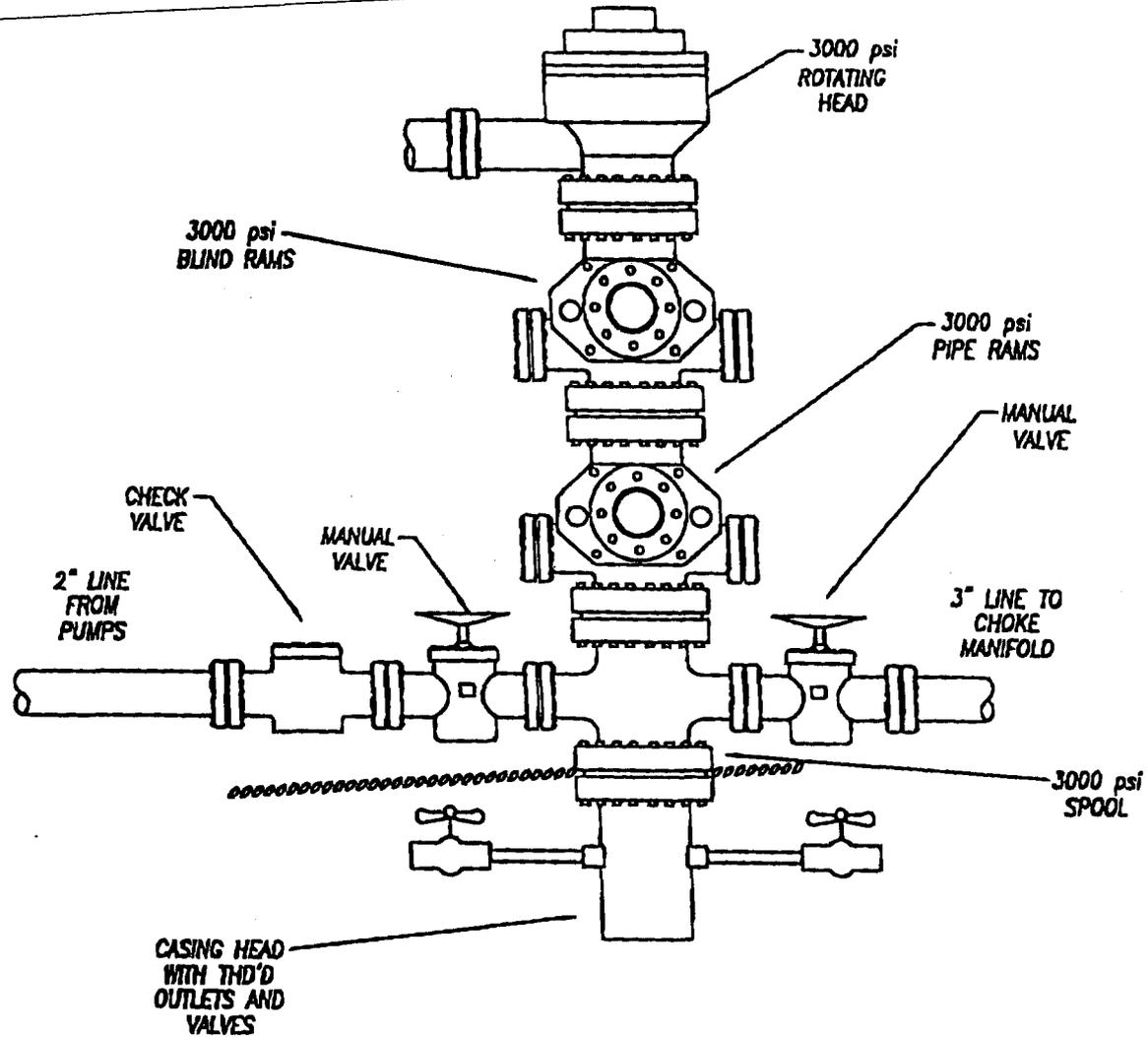


EXHIBIT "C"

# CHOKE MANIFOLD

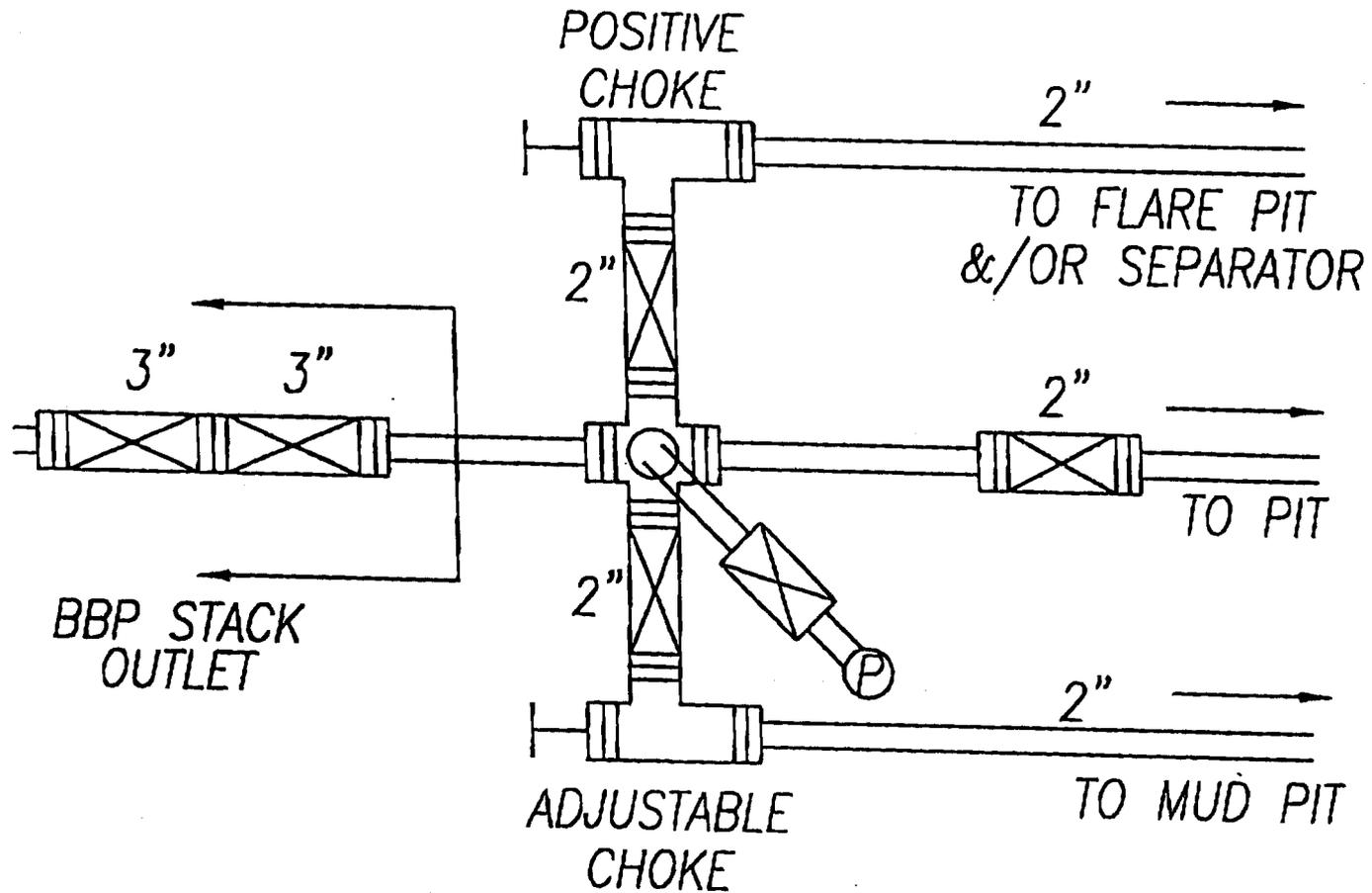


EXHIBIT "H"

**Lessee's or Operator's Representative and Certification**

Representative: Dan Carroll  
Name: Dan Carroll  
Address: 1670 Broadway, Suite 1800  
Denver, CO 80202-4800  
Phone: (303) 575-0137  
Cell: (303) 819-1262

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Westport's Statewide Blanket Bond RLB005236. This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
Daniel S. Carroll, Senior Engineer

Dated: March 24, 2003

**WESTPORT OIL AND GAS COMPANY, L.P.**  
**FERRON COAL PROJECT**  
**NORTH BENCH STATE 23-32**  
**NESW 1568' FSL, 2031' FWL**  
**Section 32: Township 13 South – Range 11 E, S.L.B.&M.**  
**CARBON COUNTY, UTAH**

**DRILLING PROGNOSIS:**

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 12.25" hole 10% of the total depth of well. Run an electronic multi shot after reaching surface-hole total depth.
3. Run 8.625" surface casing and cement as specified in the casing and cementing sections of this Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure =  $0.70 \times 3950 \text{ psi} = 2765 \text{ psi}$ .
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
8. Drill a 7.875" hole to the top of the Ferron Coal with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Run open hole logs as specified in the logging section of Master Drilling Program.
11. Pending log evaluation, run sidewall cores or prepare to run 5.5" casing and cement in full tension as specified in the casing and cementing section of the Master Drilling Program.
12. Clean the location and release the drilling rig.

# WESTPORT RESOURCES CORP.

## NORTH BENCH STATE #23-32

LOCATED IN CARBON COUNTY, UTAH

SECTION 32, T13S, R11E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS

1 13 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: J.L.G.

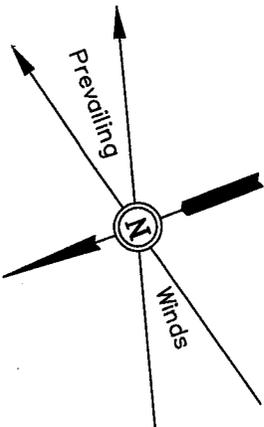
REVISED: 00-00-00

- Since 1964 -

**WESTPORT RESOURCES CORP.**

**LOCATION LAYOUT FOR**

**NORTH BENCH STATE #23-32**  
**SECTION 32, T13S, R11E, S.L.B.&M.**  
**1568' FSL 2031' FWL**

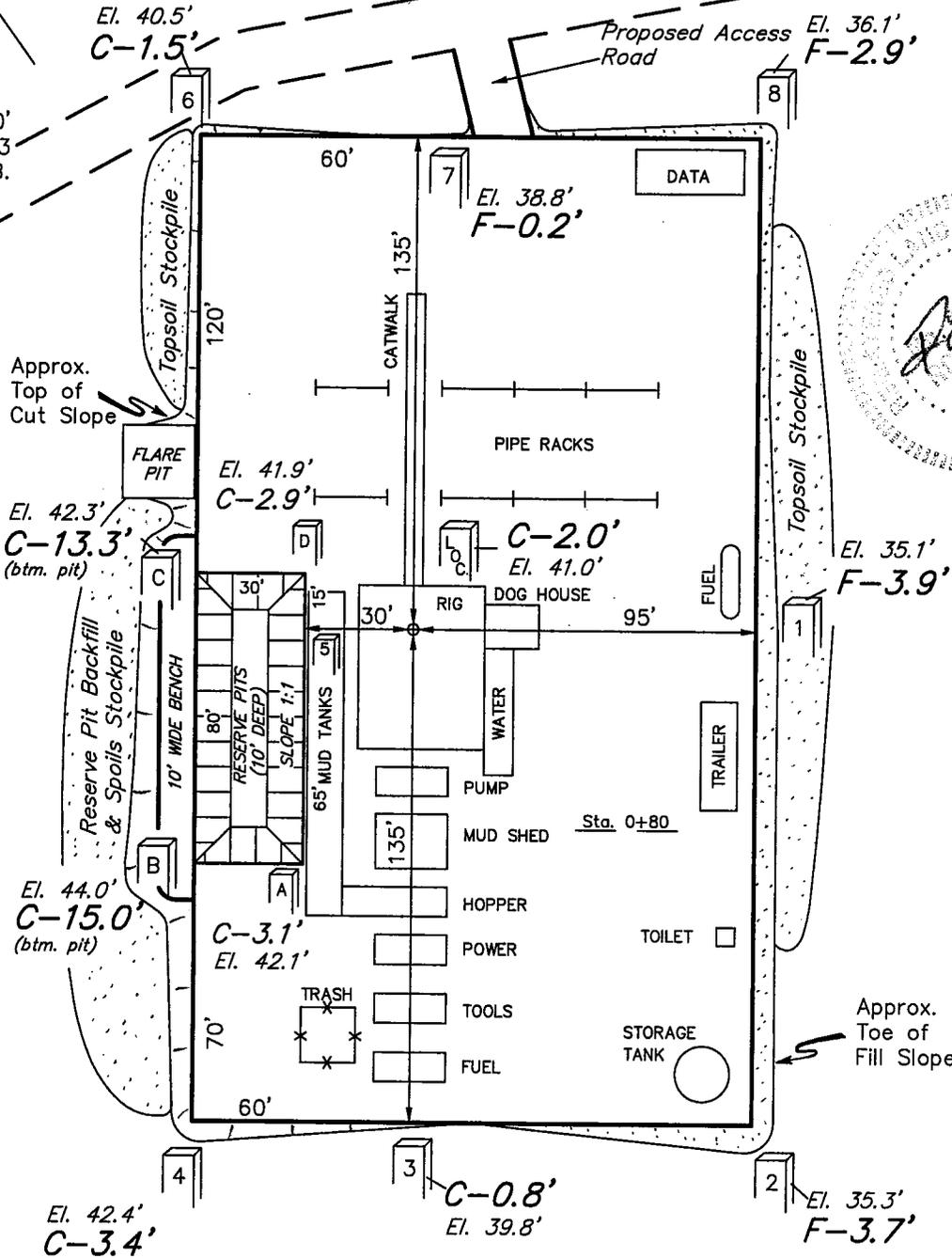


SCALE: 1" = 50'  
 DATE: 01-10-03  
 Drawn By: D.R.B.

Proposed Access Road for #22-32

Proposed Access Road El. 36.1' F-2.9'

Sta. 2+70



Sta. 1+35

Sta. 0+00

Approx. Toe of Fill Slope

NOTE:  
 Pit Capacity with 2' of Freeboard = 1,770 Bbls.

ELEV. UNGRADED GROUND AT LOC. STAKE = 6341.0'

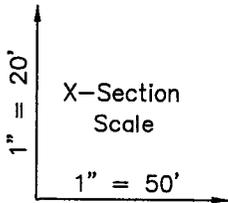
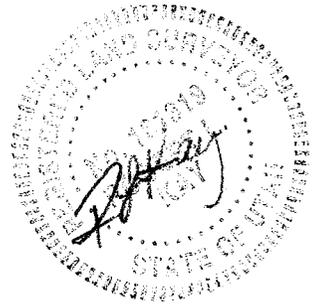
ELEV. GRADED GROUND AT LOC. STAKE = 6339.0'

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

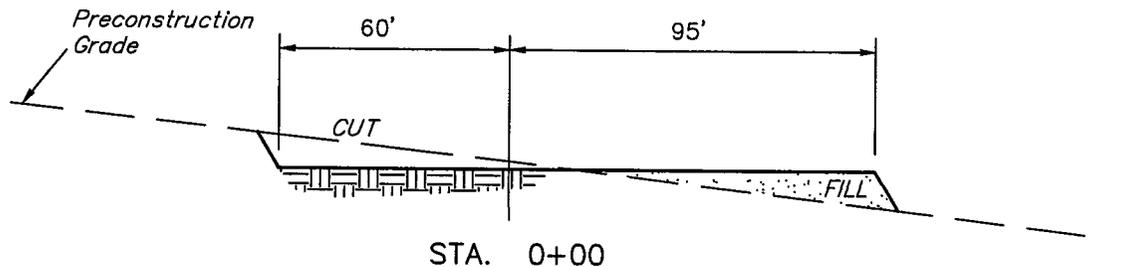
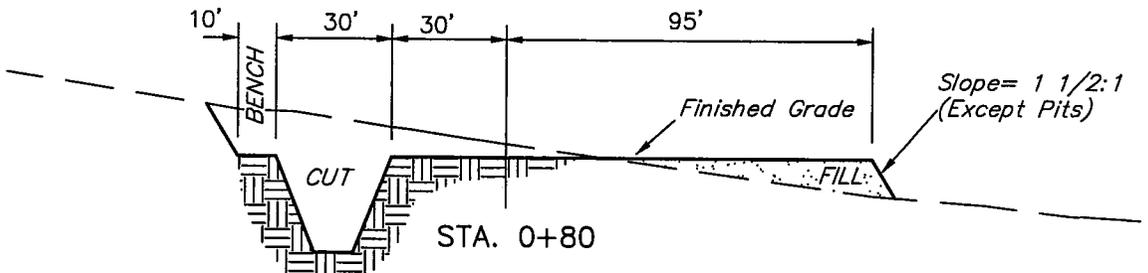
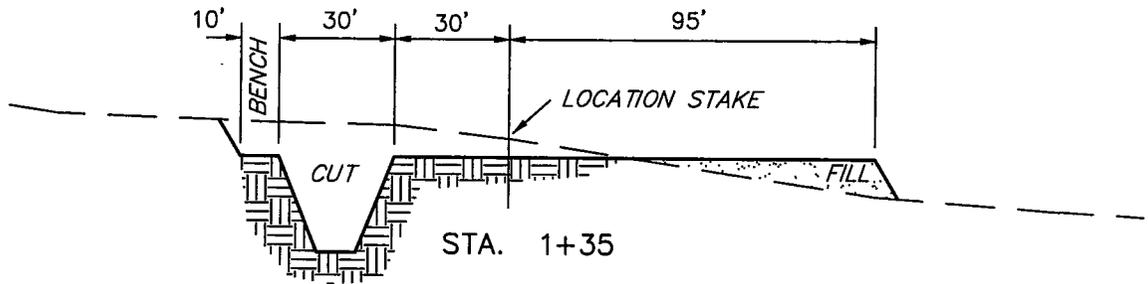
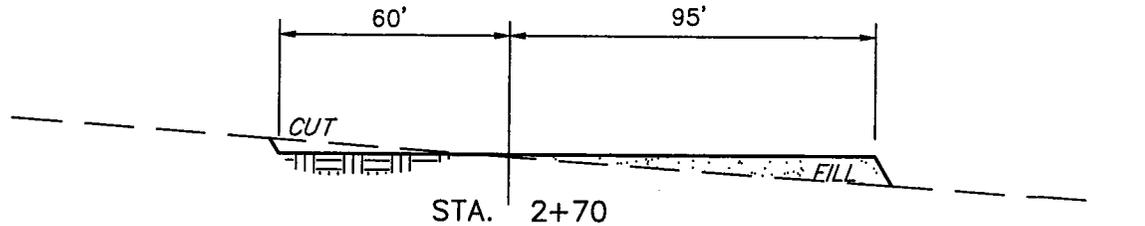
# WESTPORT RESOURCES CORP.

## TYPICAL CROSS SECTIONS FOR

NORTH BENCH STATE #23-32  
SECTION 32, T13S, R11E, S.L.B.&M.  
1568' FSL 2031' FWL



DATE: 01-10-03  
Drawn By: D.R.B.

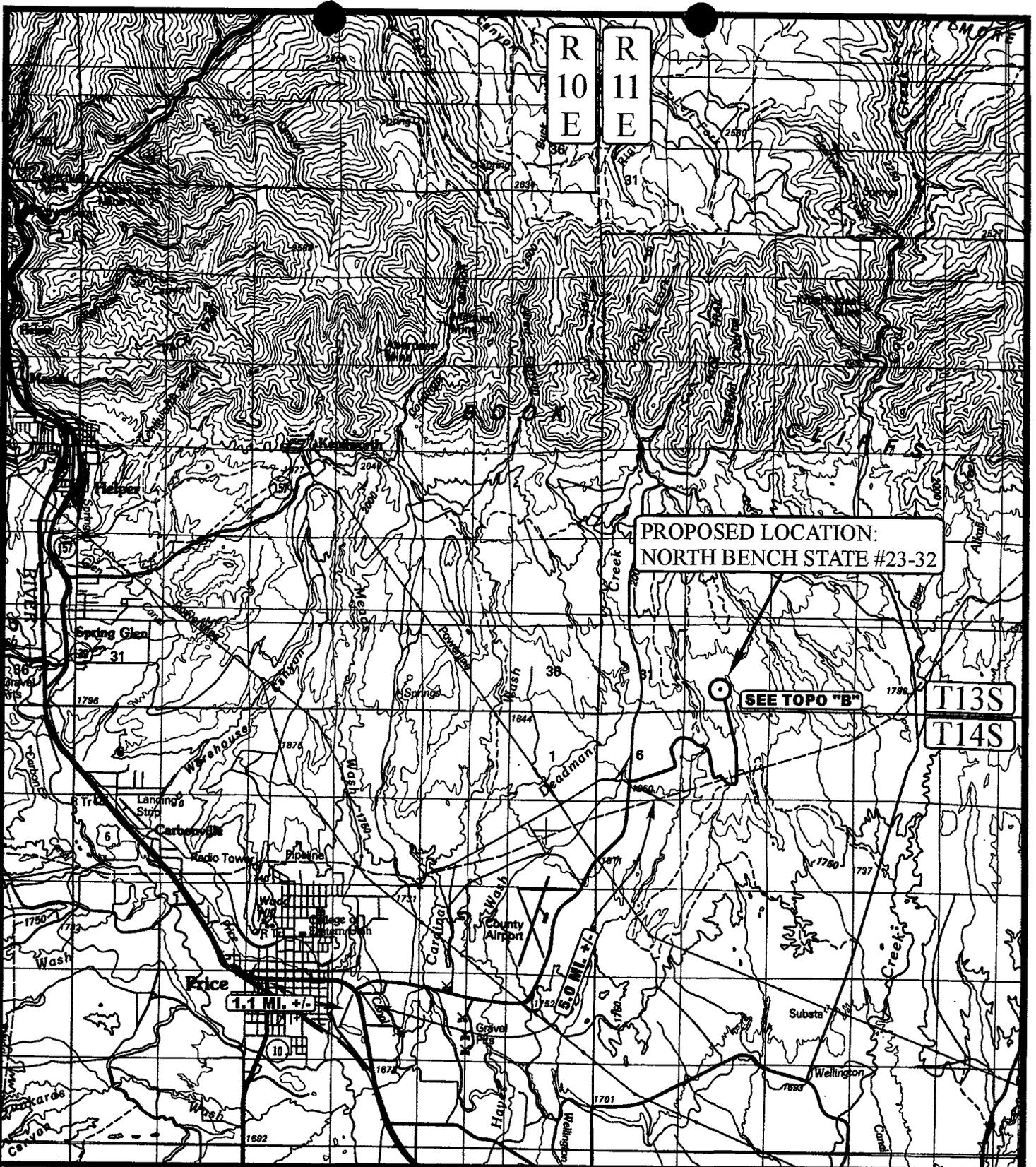


### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 800 Cu. Yds.
Remaining Location	= 1,940 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 2,740 CU.YDS.</b>
<b>FILL</b>	<b>= 1,590 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,070 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,070 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**LEGEND:**

⊙ PROPOSED LOCATION



**WESTPORT RESOURCES CORP.**

NORTH BENCH STATE #23-32  
 SECTION 32, T13S, R11E, S.L.B.&M.  
 1568' FSL 2031' FWL



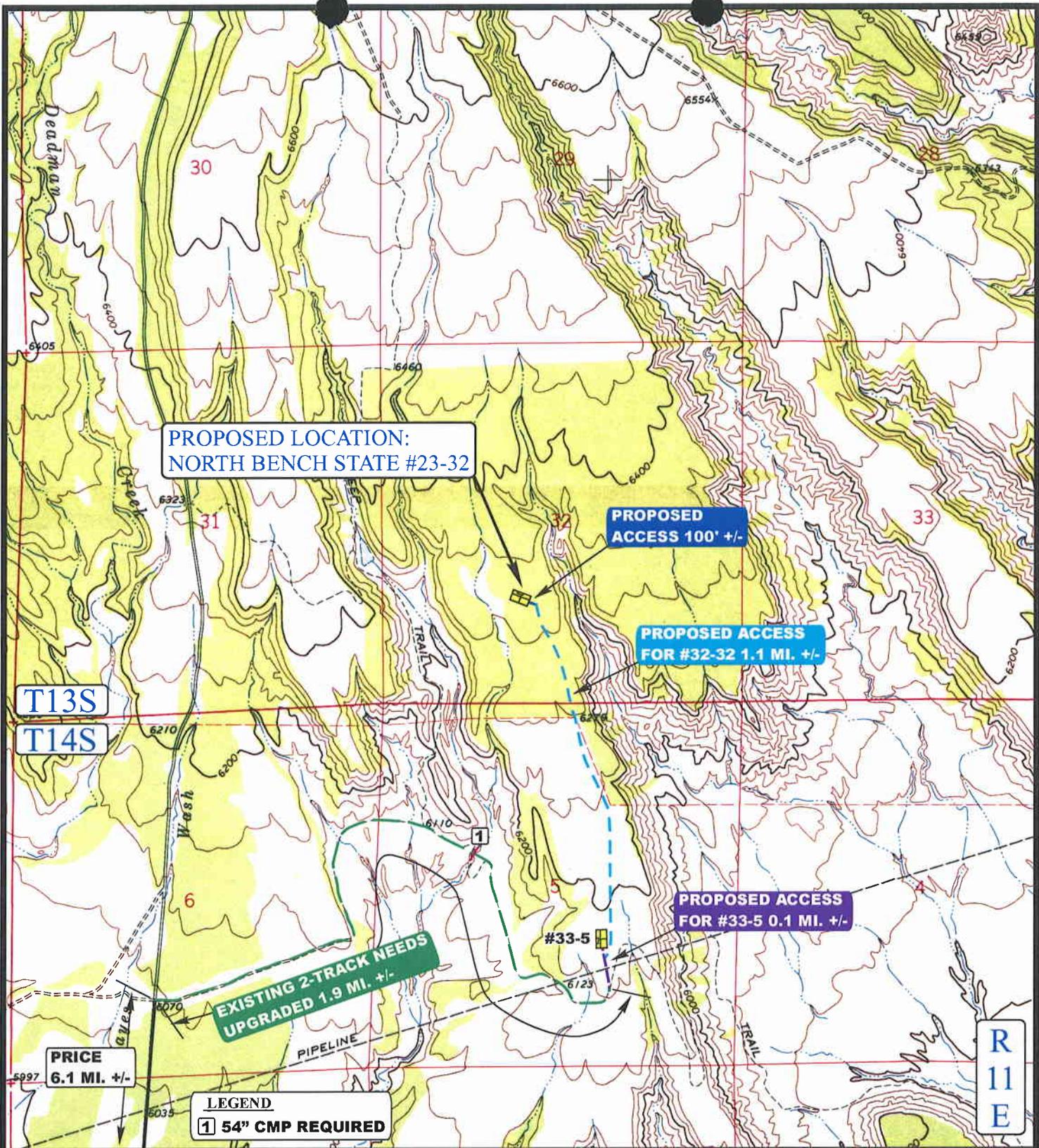
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

1 13 03  
 MONTH DAY YEAR

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





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**WESTPORT RESOURCES CORP.**

NORTH BENCH STATE #23-32  
SECTION 32, T13S, R11E, S.L.B.&M.  
1568' FSL 2031' FWL



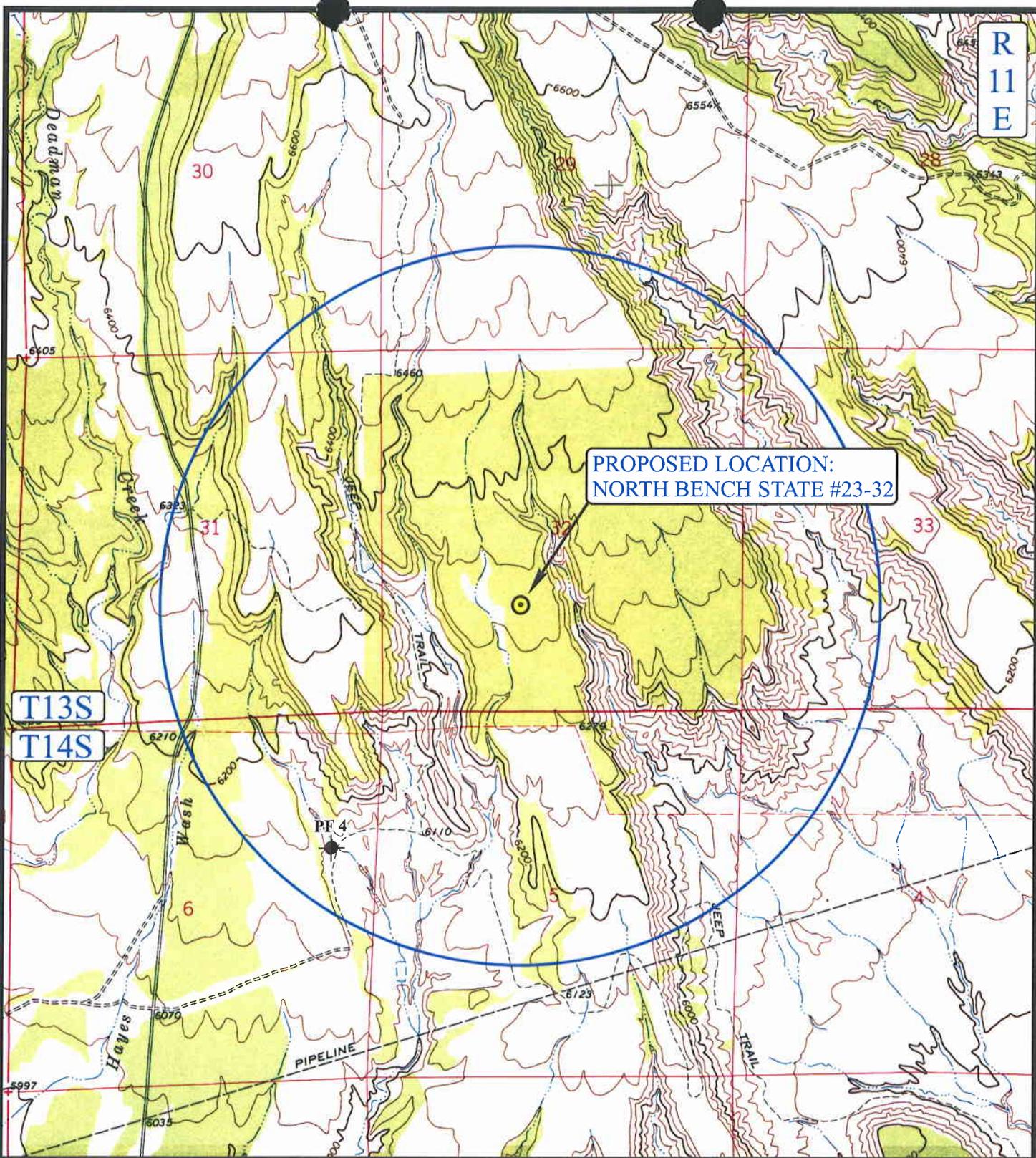
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**1 13 03**  
MONTH DAY YEAR

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





**LEGEND:**

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



**WESTPORT RESOURCES CORP.**

NORTH BENCH STATE #23-32  
 SECTION 32, T13S, R11E, S.L.B.&M.  
 1586' FSL 2031' FWL



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

**TOPOGRAPHIC** 1 13 03  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



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

**OPERATOR:** Westport Oil and Gas  
**WELL NAME & NUMBER:** North Bench State 23-32  
**API NUMBER:** 43-007-30909  
**LOCATION:** 1/4,1/4 NESW Sec: 32 TWP: 13S RNG: 11E 1568 FSL 2031 FWL

**Geology/Ground Water:**

Significant volumes of high quality ground water are unlikely to be encountered at this location. A moderately permeable soil is likely to be developed on the Quaternary / Tertiary Pediment Mantle covering the Blue Gate Member of the Mancos Shale, but it does not appear to be charged with any significant volume of groundwater. The proposed casing and cementing program should adequately isolate any zones of fresh water that may be penetrated. Two surface water rights have been filed on two locations within a mile of the proposed well site.

**Reviewer:** Christopher J. Kierst

**Date:** 4/7/2003

**Surface:**

Proposed location is ~6.0 miles NE of Price, Utah. Staked location lies East of Deadman Canyon. The direct area drains to the southeast eventually into the Price River, also a year-round live water source, ~7.5 miles South of the proposed location. Dry washes are typical throughout the area. DWR was represented, SITLA and Carbon County were invited but chose not to attend the onsite.

**Reviewer:** Mark L. Jones

**Date:** April 2, 2003

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
2. Berm the location and pit.
3. Diversion ditches and culverts where necessary to control run-off.

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, APR 7, 2003, 4:17 PM  
PLOT SHOWS LOCATION OF 2 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
N 1568 FEET, E 2031 FEET OF THE SW CORNER,  
SECTION 32 TOWNSHIP 13S RANGE 11E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

N O R T H

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\* \*

\*\*

\*\*\*

\*\*\*

\*\*

\*\*\*

\*\*\*

\* \*

\*\*\*

\* \*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

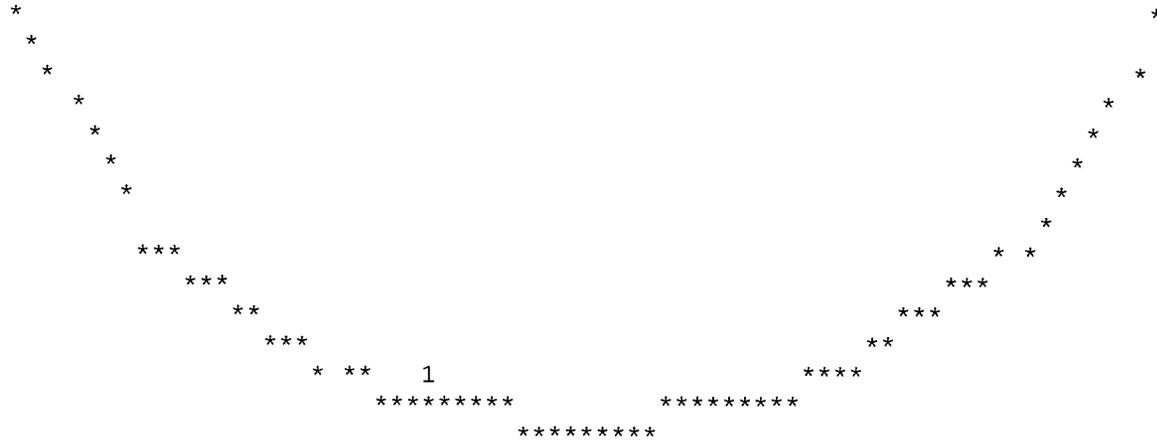
\*

\*

\*

\*

0



UTAH DIVISION OF WATER RIGHTS  
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO	POINT OF DIVERSION DESCRIPTION	U A N P
0	91 4576	.0000	.00	Unnamed Ephemeral Wash		
				WATER USE(S): STOCKWATERING OTHER		
				USA Bureau of Land Management (Price Fie 125 South 600 West	PRIORITY DATE: 00/00/1902	
					Price	UT 8
1	91 4565	.0000	.00	Unnamed Ephemeral Wash		
				WATER USE(S): STOCKWATERING OTHER		
				USA Bureau of Land Management (Price Fie 125 South 600 West	PRIORITY DATE: 00/00/1902	
					Price	UT 8

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

**ML-48135**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OR CA AGREEMENT NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL

OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

**North Bench State 23-32**

2. NAME OF OPERATOR:

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

9. API NUMBER:

3. ADDRESS OF OPERATOR:

**1670 Broadway - Suite 2800 Denver, CO 80202-4800**

PHONE NUMBER

**(303) 573-5404**

10. FIELD AND POOL, OR WILDCAT:

**Helper Field - Ferron Coal**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1568' FSL, 2031' FWL**

COUNTY: **Carbon**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDAN: **NESW, Sec. 32: T 13 S, R 11 E, S.L.B.&M.**

STATE: **UTAH**

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

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

Westport Oil and Gas Company, L. P. respectfully requests the following changes be approved for the subject well:

From 8.625", H-40, 28ppf be changed to **9.625", J-55, 40ppf** surface casing  
Size of the hole from 8.75" to **7.875"**  
BOP from 5000 psi to a **3000 psi**.

WOGCLP Bond No.

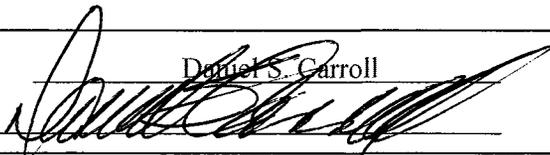
NAME (PLEASE PRINT)

**Daniel S. Carroll**

TITLE

**Senior Engineer**

SIGNATURE



DATE

**April 30, 2003**

(This space for State use only)

RECEIVED  
MAY 13 2003  
DIV. OF OIL, GAS & MINING

**From:** Ed Bonner  
**To:** Mason, Diana  
**Date:** 4/22/03 9:20AM  
**Subject:** Well Clearance

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

ConocoPhillips  
Utah 26-582  
Utah 33-604

Westport Oil & Gas  
North Bench State 42-19  
North Bench State 12-32  
North Bench State 23-32  
North Bench State 32-32  
North Bench State 33-32

Bill Barrett Corporation  
Tumbleweed Unit State 14-16-15-21 (one significant site in access road which must be avoided)

If you have any questions please give me a call.

**CC:** Baza, John; Garrison, LaVonne

Well name:	<b>05-03 Westport North Bench State 23-32</b>	
Operator:	<b>Westport O&amp;G Company</b>	
String type:	Surface	Project ID: 43-007-30909
Location:	Carbon 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: 65 °F  
Bottom hole temperature: 69 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 185 ft

Cement top: 32 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.447 psi/ft  
Calculated BHP 143 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 air weight.  
Neutral point: 280 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 5,000 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 2,234 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 650 ft  
Injection pressure 650 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	320	9.625	40.00	J-55	ST&C	320	320	8.75	25.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	140	2570	18.405	143	3950	27.63	13	452	35.31 J

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

Date: May 15, 2003  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 320 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Well name:	<b>05-03 Westport North Bench State 23-32</b>		
Operator:	<b>Westport O&amp;G Company</b>		
String type:	Production	Project ID:	43-007-30909
Location:	Carbon County		

**Design parameters:**

**Collapse**

Mud weight: 8.600 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 110 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 368 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.447 psi/ft  
 Calculated BHP 1,430 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 air weight.  
 Neutral point: 2,783 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	3200	5.5	15.50	K-55	LT&C	3200	3200	4.825	100.3
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	1430	4040	2.826	1430	4810	3.36	50	239	4.82 J

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

Date: May 15, 2003  
 Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 3200 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes.  
 Burst strength is not adjusted for tension.

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

03 Westport North Bench State 23-32  
Casing Schematic

*Mancos Shale*

Surface

TOC @ 0.  
TOC @ 32.

*Surface Strip  
18% Washout*

9-5/8"  
MW 8.4  
Frac 19.3  
*Hole 12.25*

Surface  
320. MD

BHP  
 $(0.052)(8.6)(3200) = 1431$   
*Anticipated*

*15% Washout  
used 1.60 cu ft/54 yield  
placed cement to surface*

Gas  
 $(.12)(3200) = 384$

$MASP = 1047$

*3M BUPE proposed  
w/rotating head*

*Alegante  
DTS  
5/20/03*

2700  
2980  
*Ferron Coal*

5-1/2"  
MW 8.6  
*Hole 7.975*

Production  
3200. MD



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

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

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

May 21, 2003

Westport Oil & Gas Company  
1670 Broadway, Suite 2800  
Denver, CO 80202-4800

Re: North Bench State 23-32 Well, 1568' FSL, 2031' FWL, NE SW, Sec. 32, T. 13 South,  
R. 11 East, Carbon 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 43-007-30909.

Sincerely,

for John R. Baza  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
SITLA

Operator: Westport Oil & Gas Company  
Well Name & Number North Bench State 23-32  
API Number: 43-007-30909  
Lease: ML-48135

Location: NE SW Sec. 32 T. 13 South R. 11 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)

6. Surface casing shall be cemented to the surface.

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

FORM 9

005

5. LEASE DESIGNATION AND SERIAL NUMBER:  
STATE ML48135

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. LIMIT OF CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
NORTH BENCH STATE 23-32

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

9. API NUMBER:  
007-30909

3. ADDRESS OF OPERATOR:  
1670 BROADWAY CITY DENVER STATE CO ZIP 80202-4800 PHONE NUMBER: (303) 573-5404

10. FIELD AND POOL, OR WILDCAT:  
Helper Field - Ferron Coal

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1568' FSL, 2031' FWL COUNTY: Carbon

QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 32 13S. 11E. STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" 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"/> 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"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Request approval of change of surface casing size and hole size as follows:  
FROM: 9-5/8", 40 lb/ft, J-55 in a 12-1/4" drilled hole - APD 8 7/8" 28 ppg H-40 @ 320'  
TO: 8-5/8", 24 lb/ft, J-55 in an 11" drilled hole

COPY SENT TO OPERATOR  
Date: 8-29-03  
Initials: LHO

NAME (PLEASE PRINT) V.W. McKnab II (303-550-1274) TITLE Project Manager  
SIGNATURE *[Signature]* DATE 8/27/2003

(This space for state use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 8/28/03  
BY: *[Signature]*  
(See Instructions on Reverse Side)

RECEIVED  
AUG 28 2003  
DIV OF OIL, GAS & MINING

08/28/2003 09:32 HOLIDAY INN PRICE 01 1801333348 NO.343 001

# FAX TRANSMITTAL SHEET

DATE: August 28, 2003

TO: Dustin Doucet  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
Box 145801  
Salt Lake City, Utah

TELEPHONE No: 801-538-5281  
FAX NO: 801-359-3940

FROM: BILL McKNAB  
Holiday Inn  
Price, Utah

TELEPHONE NO: 435-637-8880  
FAX NO: 435-637-3689  
Email: BillMcKnab@aol.com  
CELL: 303-550-1274

NO OF PAGES SENT: 8 (including cover sheet)

As we discussed yesterday enclosed are the Sundry Notices requesting approval of the change in casing size.

The meridian is SLB&M but the field width was only one character wide and wouldn't allow me to enter it.

The signed originals are in the mail. Original approved copies should be sent to the Denver address.

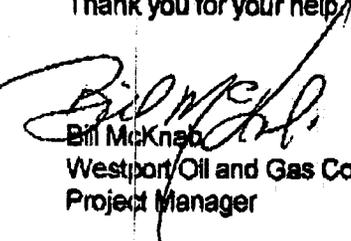
If possible would you please fax approved copies back to the number on the heading.

It is planned to spud the North Bench State 23-32 on Saturday, August 30, 2003.

I have also included a copy of the BLM Sundry Notice requesting the same change.

Please call me if there are any questions or problems.

Thank you for your help!

  
Bill McKnab  
Westport Oil and Gas Company, L. P.  
Project Manager

RECEIVED

AUG 28 2003

DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: WESTPORT OIL & GAS COMPANY LPWell Name: N BENCH ST 23-32Api No: 43-007-30909 Lease Type: STATESection 32 Township 13S Range 11E County CARBONDrilling Contractor PENSE BROTHERS RIG # 9**SPUDDED:**Date 08/30/03Time 3:30 PMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by BOZE STINSONTelephone # 1-435-820-0785 "CELL"Date 09/08/2003 Signed: CHD

006

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: STATE ML48135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: NORTH BENCH STATE 23-32

9. API NUMBER: 007-30909

10. FIELD AND POOL, OR WILDCAT: Helper Field - Ferron Coal

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

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

3. ADDRESS OF OPERATOR: 1670 BROADWAY CITY DENVER STATE CO ZIP 80202-4800 PHONE NUMBER: (303) 573-5404

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1568' FSL, 2031' FWL COUNTY: Carbon  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 32 13S 11E STATE: UTAH

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

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

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

Request approval of change of surface casing size and hole size as follows:

FROM: 9-5/8", 40 lb/ft, J-55 in a 12-1/4" drilled hole

TO: 8-5/8", 24 lb/ft, J-55 in an 11" drilled hole

NAME (PLEASE PRINT) V. W. McKnab II (303-550-1274) TITLE Project Manager

SIGNATURE *[Signature]* DATE 8/27/2003

(This space for State use only)

RECEIVED  
SEP 02 2003  
DIV. OF OIL, GAS & MINING

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

008

ENTITY ACTION FORM

Operator: Westport Oil and Gas Company, L. P. Operator Account Number: N 2115  
 Address: 1670 Broadway, Suite 2800  
city Denver  
state CO zip 80202-4800 Phone Number: (303) 575-5404

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730909	North Bench State 23-32		NESW	32	13S	11E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13874	8/30/2003		9/10/03		
Comments: <u>FRSD</u>							

Well 2

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

Well 3

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

ACTION CODES:

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

Daniel S. Carroll  
 Name (Please Print)  
[Signature]  
 Signature  
Senior Engineer 9/2/03  
 Title Date

RECEIVED  
 SEP 02 2003  
 DIV. OF OIL, GAS & MINING

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

009

5. LEASE DESIGNATION AND SERIAL NUMBER:

**ML-48135**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL

OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

**North Bench State 23-32**

2. NAME OF OPERATOR:

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

9. API NUMBER:

**43-007-30909**

3. ADDRESS OF OPERATOR:

**1670 Broadway - Suite 2800 Denver, CO 80202-4800**

PHONE NUMBER

**(303) 573-5404**

10. FIELD AND POOL, OR WILDCAT:

**Helper Field - Ferron Coal**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1568' FSL, 2031' FWL**

COUNTY: **Carbon**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDAN: **NESW, Sec. 32: T 13 S, R 11 E, S.L.B.&M.**

STATE: **UTAH**

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

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

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

Westport Oil and Gas Company, L. P. respectfully wishes to inform the proper authorities of drilling activities for the above subjected well which spud on August 30, 2003 @ 3:30 p.m. and ran 8 5/8", 24#, J-55, ST&C, R-3 surface casing set @ 372' KB. Drilled ahead to a depth of 3235' TD. Ran Dual Induction Guard Log & Compensated Density and Compensated Neutron w/ GR logs. Pense Bros. drilling rig #9 released on September 2, 2003 @ 5:15 p.m. RU Excell drilling rig #15 to run and cement 5 1/2", 17ppf, N-80 or M-80, LT&C, R-3 to a depth of 3200' KB production casing. Currently, waiting on completion and pipeline connection.

Attached copies of drilling activity reports.

RECEIVED

OCT 14 2003

DIV. OF OIL, GAS & MINING

WOGCLP Bond No.

NAME (PLEASE PRINT)

Debby Black

TITLE

Engineering Technician

SIGNATURE

*Debby Black*

DATE

October 9, 2003

(This space for State use only)



**Drilling Chronological  
Regulatory**

Well Name: NORTH BENCH STATE 23-32					
Field Name:	HELPER	S/T/R:	32/13S/11E	County, State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN
Project AFE:	103019D	AFEs Associated:	/ / /		

Daily Summary					
Activity Date :	8/31/2003	Days From Spud :	1	Current Depth :	380 Ft
24 Hr. Footage Made :		380 Ft			
Rig Company :				Rig Name:	
Formation :				Weather:	

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	4.00	01	MIRU Pense Bros Drlg Rig #9	0	0	NIH
11:00	3.00	08	Rig Repair Change out hydraulic cylinder	0	0	NIH
14:00	1.00	07	Rig service	0	0	NIH
15:00	3.00	02	Mix mud & MU 14 3/4" tricone bit. Dill to 65'. SPURRED WELL @ 1530 hrs 8-30-03	0	65	NIH
18:00	1.00	06	TOOH w/ bit. RU to run 12" conductor pipe	65	65	NIH
19:00	1.00	12	Weld & run 65' 12" conductor pipe.	65	65	NIH
20:00	1.00	21	Cut off conductor & NU	65	65	NIH
21:00	2.00	02	Drilling 11" surface hole to 380'	65	380	NIH
23:00	1.00	06	TOOH w/ DP & bit. RU & run 12 jts 8 5/8" 24# ST&C K-55 csg. Talley 363.90 set @ 372' KB	380	380	NIH
0:00	1.25	12	RU Halliburton.Pump 10 bbls wtr, 10bbls gel sweep, 19 bbls wtr., break circ., mix & pump 155 sks. Prem plus cement w/ 2% CC, .0025 #/sk flocele. Disp cmt w/21 bbls wtr. Circ 6bbls cmt to pit.	380	380	NIH
1:15	5.75	13	WOC	380	380	NIH
Total:		24.00				

Daily Summary					
Activity Date :	9/1/2003	Days From Spud :	2	Current Depth :	2995 Ft
24 Hr. Footage Made :		2615 Ft			
Rig Company :				Rig Name:	
Formation :				Weather:	

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	4.00	21	CUT OFF CONDUCTOR CSG & SURF CSG,DIG CELLAR,INSTALL CAMERON CSG HEAD.	380	380	NIH
11:00	1.00	14	NU BOP	380	380	NIH
12:00	1.50	15	TEST BOP	380	380	NIH
13:30	1.50	21	INSTALLING BLOW LINE	380	380	NIH
15:00	1.00	21	MU BIT, INSTALL NEW RUBBER, TIH	380	380	NIH
16:00	15.00	02	DRLG 7 7/8" HOLE TO 2995. HIT WATER @ 2965' INJECTING WTR, BREAK CIRS & CONTINUED DRLG	380	2995	NIH
Total:		24.00				

**Well Name: NORTH BENCH STATE 23-32**

Field Name:	HELPER	S/T/R:	32/13S/11E	County, State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

**Daily Summary**

Activity Date :	9/2/2003	Days From Spud :	3	Current Depth :	3235 Ft	24 Hr. Footage Made :	240 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	3.00	02	DRLG TO 3235 TD	2995	3235	NIH
10:00	3.00	06	CLEAN UP HOLE. TOOH. LD HAMMER.MU TRICONE BIT.	3235	3235	NIH
13:00	2.50	06	TIH	3235	3235	NIH
15:30	1.50	05	MIX SLICK WTR GEL	3235	3235	NIH
17:00	2.00	05	RIH TO TD. CLEAN OUT 60' FILL.	3235	3235	NIH
19:00	1.00	05	CIRC & CONDITION HOLE	3235	3235	NIH
20:00	1.00	06	SHORT TRIP	3235	3235	NIH
21:00	1.00	05	CIRC & CONDITION HOLE.	3235	3235	NIH
22:00	1.00	10	PULL UP 60'. RUN DEV SURVEY. DEV 4.5 DEG	3235	3235	NIH
23:00	3.00	06	POOH FOR LOGS.	3235	3235	NIH
2:00	3.00	11	RUN DIL GUARD LOG W/ GR; RUN CD-CNLOGS. LOGGERS TD 3240'. LOGS BY PSI.	3235	3235	NIH
5:00	0.25	21	RD LOGGERS. RELEASED RIG @ 0515 9-2-03.	3235	3235	NIH
Total:	22.25					

**Daily Summary**

Activity Date :	9/3/2003	Days From Spud :	4	Current Depth :	3235 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	2.00	21	WOO	3235	3235	NIH
9:00	1.50	01	MIRU EXCELL DRLG # 15.	3235	3235	NIH
10:30	2.50	21	WOO REC'D ORDERS TO RUN CSG @ 1130 HRS.WAIT ON CSG.	3235	3235	NIH
13:00	1.50	21	UNLOAD & TALLY 78 JTS N-80 & M-80 CSG. TALLY OF 66 JTS N-80 + 2 SHORT JTS 2805.01. TALLY OF 10 JTS M-80 CSG 428.29. TOTAL TALLY 76 JTS + 2 SHORT JTS 3233.30	3235	3235	NIH
14:30	3.50	12	GIH W/ HALCO SS FLOAT SHOE W/ AUTO FILLUP, 5 1/2" X 13.80' SHOE JT, 10 JTS 5 1/2" M-80 TALLY 428.29', 1 JT 5 1/2" N-80 TALLY 42.05, 1 JT 5 1/2" X 14.33' N-80 MARKER JT., 65 JTS 5 1/2" N-80 TALLY 2734.83'. TOTAL TALLY 3234.54'. TAG FILL @ 3226' KB. LD 1 JT N-80. LAND CSG & SET CSG SLIPS W/ FULL WT OF CSG.CSG LANDED @ 3200' KB. INSTALLED CENTRALIZERS ON TOP OF JTS# 1, 2, 5, 9 & 21. PBSD 3185' KB.	3235	3235	NIH
18:00	1.00	14	ND BOP'S	3235	3235	NIH
19:00	1.00	12	RU HALLIBURTON & BREAK CIRC. PUMP 10 BBLS WTR, 10 BBLS GEL SWEEP W/ FLOCELE, 10 BBLS WTR. MIX & PUMP 300 SKS PREM AG300 CMT CONTAINING 8 % GEL, 10% CALSEAL, .025#/SK FLOCELE @ 12.5 #/GAL YIELDING 1.97 CFS, MIX 85 SKS PREPLUS CONTAINING 10% CALSEAL, 1% CC, .025 #/SK FLOCELE @ 14.2 #/GAL YIELDING 1.60 CFS. WASH OUT PUMP & LINES . DROP PLUG & DISPLACE W/ 74 BBLS WTR. BUMPED PLUG TO 2500#. CIRCULATED 10 BBLS CEMENT TO PIT. RELEASE PRESS- CHECK FLOAT. HELD OK. SWI. WOC	3235	3235	NIH
20:00	1.00	01	RD HALLIBURTON. RD EXCELL # 15. RIG RELEASED @ 2100 HRS 9-2-03.	3235	3235	NIH
Total:	14.00					

**Daily Summary**

Activity Date :	9/11/2003	Days From Spud :	12	Current Depth :	3235 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
10:00	2.00	11	RU PHOENIX SURVEYS & RUN CBL W/GR & CCL. LOGGERS TD 3183'. GOOD CEMENT F/ TD TO SURF. MARKER JT 2706+ TO 2721'. MEASURED BHT 102 F. RD PSI. SWI & WAIT ON COMPLETION.	3235	3235	NIH
Total:	2.00					

**Well Name: NORTH BENCH STATE 23-32**

Field Name:	HELPER	S/T/R:	32/13S/11E	County, State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

**Formation**

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/31/2003	73	0	1. Conductor	12.75	29.31	H 40	0	15	65
8/31/2003	371.9	12	SURF	8.625	24	J-55	0	11	372

Stage: 1, Wash, 10, 0, FRESH WTR, , 0, 0

Stage: 1, Wash, 10, 0, GEL SWEEP, , 0, 0

Stage: 1, Wash, 19, 0, FRESH WTR, , 0, 0

Stage: 1, Tail, 0, 155, cmt w/2% CC & .25 # sk/ flocele, prem plus, 1.18, 15.6

Stage: 1, Displacement, 21, 0, FRESH WTR, , 0, 0

9/3/2003	3200.6	76	5. Production	5.5	17	N-80	0	7.875	3200
----------	--------	----	---------------	-----	----	------	---	-------	------

Stage: 1, Lead, 0, 300, 50/50 POZ W/ 8% GEL, 10% CALSEAL, .25#/SK FLOCELE, Pozmix, 1.97, 12.5

Stage: 1, Tail, 0, 85, PREM PLUS, Class G, 1.6, 14.5



WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202  
Telephone: 303 573 5404 Fax: 303 573 5609

January 30, 2004

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Attn: Carol Daniels

RE: Form 8 and BLM Well Completion Reports  
Township 13S & 14S – Range 11E S.L.B.&M.

ML-48135	North Bench State 12-32	API # 4300730908
<del>ML-48135</del>	<del>North Bench State 23-32</del>	<del>API # 4300730909</del>
ML-48135	North Bench State 32-32	API # 4300730910
UTU-80560	Wellington Federal 32-05	API # 4300730846
UTU-80561	Wellington Federal 22-06	API # 4300730917
UTU-80561	Wellington Federal 32-06	API # 4300730895
UTU-80561	Wellington Federal 43-06	API # 4300730918
UTU-80561	Wellington Fed 44-06 SWD	API # 4300730912

Carbon County, Utah

Dear Ms. Daniels:

Please find enclosed, submitted in duplicate, either Form 8 or the BLM form "Well Completion Reports" for the above referenced wells for your consideration and approval. Each report is accompanied by an attachment detailing information which could not be adequately typed into the small areas on the forms.

I want to thank you in advance for your patience in these matters. Should any questions arise, please do not hesitate contacting the undersigned.

Very truly yours,  
WESTPORT OIL AND GAS COMPANY, L. P.

*Debby J. Black*

Debby J. Black  
Engineering Technician  
dblack@westportresourcescorp.com  
303-575-0113

djb

encl:

Note: Logs were previously submitted to authorities via the logging company.

RECEIVED

FEB 03 2004

DIV. OF OIL, GAS & MINING

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

AMENDED REPORT  FORM 8  
(highlight changes)

010

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-48135**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
**North Bench State 23-32**

9. API NUMBER:  
**4300730909**

10 FIELD AND POOL, OR WILDCAT  
**Helper Field/Ferron Coal**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NESW 32 13S 11E**

12. COUNTY  
**Carbon** 13. STATE  
**UTAH**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER **CBM Ferron**

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

2. NAME OF OPERATOR:  
**Westport Oil and Gas Company, L. P.**

3. ADDRESS OF OPERATOR: **1670 Broadway, Ste 2800** CITY **Denver** STATE **CO** ZIP **80202-4800** PHONE NUMBER: **(303) 573-5404**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1568' FSL, 2031' FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **same**  
AT TOTAL DEPTH: **same**

14. DATE SPUDED: **8/30/2003** 15. DATE T.D. REACHED: **9/2/2003** 16. DATE COMPLETED: **12/5/2003** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**6341' ungraded GL**

18. TOTAL DEPTH: MD **3,235** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **3,185** TVD \_\_\_\_\_

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*  
**N/A**

21. DEPTH BRIDGE MD \_\_\_\_\_ TVD \_\_\_\_\_ PLUG SET: \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**DIL/GL w/GR & CNDL/GR, CBL/GA/CLL - Rec 9-30-03**

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
14.750"	12.75 H40	29.31	0	65					
11.0	8.625 J55	24	0	372		Prem 155	33	0	
7.875	5.5 N80	17	0	3,200		Poz Mix 385	129	0	

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	2,789							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Ferron			2,801	3,083
(B)				
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input 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
2916-2940	Pump: 500 Gals 15% HCL, 5437 Gals Delta 140 PAD, 2618 Gals Delta 140 w/ 0.25#gal sand, 25075
2805-2852	Pump: 500 gal 15% HCL, 11534 Gals Delta 140 PAD, 3831 Gals Delta 140 w/ 0.25#gal sand, 34632
	See attachment for details

**29. ENCLOSED ATTACHMENTS:**

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

**30. WELL STATUS:**

**Producing**

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/8/2003		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF: 10	WATER - BBL: 336	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS. 53	CSG. PRESS. 54	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Mancos	0
				Bentonite	2,664
				Ferron	2,801
				Tununk	3,083

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) David Gomendi TITLE Senior Production Engineer  
 SIGNATURE *David Gomendi* DATE 1/30/2004

This report must be submitted within 30 days of

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

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

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

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

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

**North Bench State 23-32**  
**API No. 4300730909**

11/21/2003	Perfs	Ft	No. of Holes	<b>3 3/8" or 3.375" Gun</b>
	2936-2940	4	16	
	2924-2931	7	28	
	2916-2918	2	8	
		<u>13</u>	<u>52</u>	<b>Total Feet &amp; Number of Holes</b>
				@ 4 JSPF .43 holes 90 degree phasing - status open

	2849-2852	3	12	
	2805-2821	16	64	
		<u>19</u>	<u>76</u>	<b>Total Feet &amp; Number of Holes</b>
				@ 4 JSPF .43 holes 90 degree phasing - status open

**32 128 Total perfs 32' net, 128 holes @ 4 JSPF 0.43 holes 90 degree phasing - status open**

Frac  
 Lower Perforations  
 2916' - 2940'

Load hole @ 5 BPM, formation breakdown @ 978-950 psi, pump 500 gals 15% HCL @ 5 BPM @ 950 psi, pump 5437 gals Delta 140 PAD @ 59 BPM @ 1236-2757 psi, pump 2618 gals Delta 140 w/ sand ramp @ 60 BPM @ 2863-2892 psi, pressure increased to 3380 psi during job, increased rate to 70 BPM and pressure gradually decreased to 2892 psi, flushed w/ 4940 gals @ 70 BPM @ 2892-3250 psi. ISIP 1777 psi, 5 min 11,292, 10 min 1042 psi, 15 min 930 psi.

Frac  
 Upper Perforations  
 2805' - 2852'

Load hole and breakdown formation @ 8 BPM @ 2963-1000 psi, pump 500 gals 15% HCL @ 8 BPM @ 961 psi, pump 11,534 gals Delta 140 PAD @ 29 BPM @ 961-2031 psi, pump 3831 gals Delta 140 fluid w/ 0.25#/gal sand @ 81 BPM @ 2056-2049 psi, pump 34,632 gals Delta 140 fluid @ 81 BPM w/ 0.5 - 5.0# sand ramp @ 2056-1997 psi, flush w/ 4843 gals @ 1997-1756 psi. ISIP 1550 psi, 5 min 1200 psi, 10 min 1050 psi, 15 min 941 psi.

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

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

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

<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:	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
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. 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
- 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.*

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**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**

**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 <b>CHANGE OF OPERATOR</b>

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

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

**RECEIVED**  
**MAY 10 2006**

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

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

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>

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

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

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