

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

FORM 3

AMENDED REPORT   
(highlight changes)

001

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO. ML47002	6. SURFACE: STATE
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>WESTPORT OIL AND GAS COMPANY, L. P.</b>				9. WELL NAME and NUMBER: North Bench State 44-16	
3. ADDRESS OF OPERATOR: 1670 Broadway - Suite 2800		CITY Denver, CO	STATE CO	ZIP 80202-4800	PHONE NUMBER (303) 573-5404
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 296' FSL, 507' FEL AT PROPOSED PRODUCING ZONE: Same				10. FIELD AND POOL, OR WILDCAT: <del>Well Helper Field - Ferron</del>	
527107X 39.689828 4393170Y -110.683870				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE Sec. 16, T 13 S, R 11 E, S.L.B.&M.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: approximately 17.1 miles ESE from Price, UT				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 296'		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) ~612'		19. PROPOSED DEPTH: 4508'		20. BOND DESCRIPTION: CO1203 Statewide Blanket RLB005236	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6407' Ungraded Ground Level		22. APPROXIMATE DATE WORK WILL START: Upon APD Approval		23. ESTIMATED DURATION: 5 days drilling plus 9 days completion	

*Ungraded*

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
11.0"	8.625", J-55, 24 ppf	0 - 451'	219 sx of Prem Plus, 2% Calcium Chloride, 0.25#/sx Poly E Flake, 15.6 ppg, Yield = 1.18cu ft / sx, enough volume to raise cmt to surface.
7.875"	5.5", N-80, 17 ppf	0 - TD	1217 sx of 50/50 Prem/Poz, 10% Cal-Seal, 1% Calcium Chloride, 0.25#/sx Poly E Flake, 12.5 ppg to 14.2 ppg, Yield = 1.97 cu ft /sx to 1.60 cu ft /sx, enough volume to raise cmt to surface casing.

25. **ATTACHMENTS**

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

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

NAME (PLEASE PRINT) Debby J. Black 303-575-0113 TITLE Staff Engineering Analyst  
SIGNATURE *Debby J. Black* DATE April 27, 2005

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31033

(11/2001)

APPROVAL:  
**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 07-1-05  
By: *[Signature]*

**RECEIVED**  
**MAY 11 2005**  
DIV. OF OIL, GAS & MINING

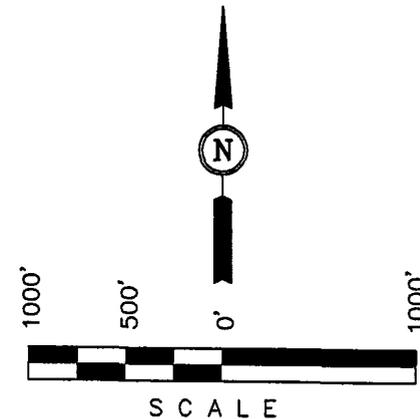
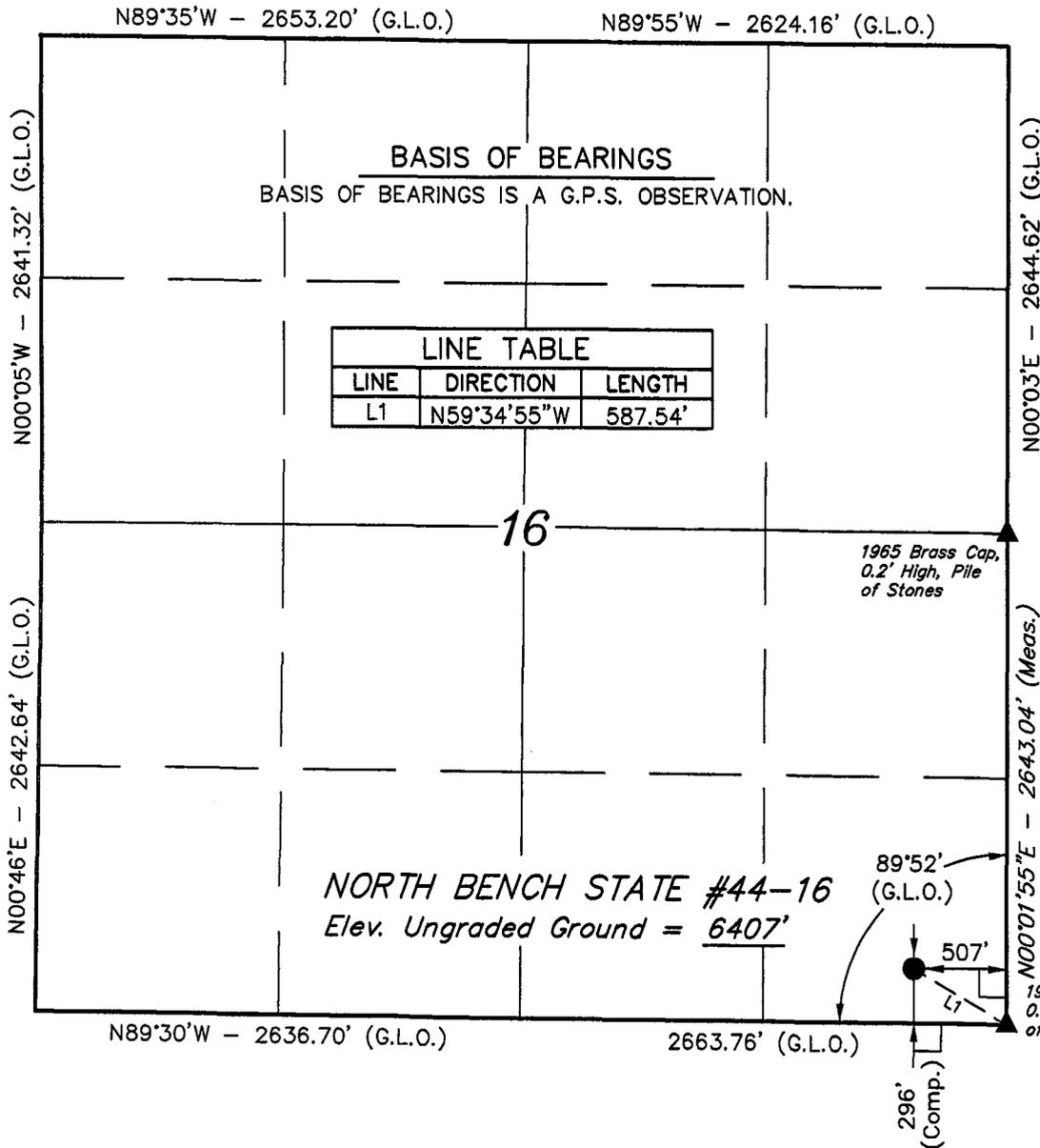
# T13S, R11E, S.L.B.&M.

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

Well location, NORTH BENCH STATE #44-16, located as shown in the SE 1/4 SE 1/4 of Section 16, 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.



**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.

NO. 161319

ROBERT J. [Signature]

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-23-05	DATE DRAWN: 04-21-05
PARTY D.K. D.L. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

### LEGEND:

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

(AUTONOMOUS NAD 83)  
LATITUDE = 39°41'23.55" (39.689875)  
LONGITUDE = 110°41'04.94" (110.684706)  
(AUTONOMOUS NAD 27)  
LATITUDE = 39°41'23.68" (39.689911)  
LONGITUDE = 110°41'02.37" (110.683992)

**NORTH BENCH STATE 44-16**  
**Section 16: Township 13 South – Range 11 East, S.L.B.&M.**  
**SESE 296' FSL, 507' FEL**  
**Carbon County, Utah**  
**Ferron Formation Project**

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

**DRILLING PROGNOSIS:**

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 11.0" 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 3000 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 =  $0.70 \times 2950 \text{ psi} = 2065 \text{ psi}$ .
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 approximately 150' below the base of the Ferron formation 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.

**MASTER DRILLING PROGRAM**  
**Well Helper Field - Ferron Formation Program**  
**Cardinal Draw Prospect**  
**Section 16: Township 13 South – Range 11 East**  
**Carbon County, Utah**

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

**INTRODUCTION**

WESTPORT OIL AND GAS COMPANY, L. P., (Westport) proposes an expansion of our Cardinal Draw Ferron Formation Prospect in the Well Helper Field located within Carbon County, Utah. This development phase (Project) consists of two (2) proposed locations. Both wells are located in Section 16 Township 13 South – Range 11 East. Both of the wells will be drilled through the Ferron formation. The Project area wells are approximately 17 miles from Price, Utah and will be accessed by an existing improved road. Note: all roads that are to be improved will have water dispersal controls at all changes of slope.

**ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

The tables summarizing information for each of the two (2) wells in the Project are included in this document. In general, the ground elevation ranges from 6390 feet above mean sea level (MSL) to 6407 feet MSL graded at stake. The top of the Ferron member of the Mesa Verde Formation lies approximately 3958 feet to 4126 feet below ground surface (BGS) and is 400 feet thick. This results in total approximate depths of 4508 feet to 4721 feet BGS, for the producing wells.

WELL NAME AND NUMBER	LOCATION	TD	GR
North Bench State 42-16	SENE Sec. 16: T 13 S – R 11 E, 1968' FNL, 110' FEL	4721'	6390'
North Bench State 44-16	SESE Sec. 16: T 13 S – R 11 E, 296' FSL, 507' FEL	4508'	6407'

WELL NAME AND NUMBER	FORMATION	TOP	BOTTOM
North Bench State 42-16	FERRON	4126'	4571'
North Bench State 44-16	FERRON	3958'	4358'

**LOCATIONS AND ROAD ACCESS**

Location and roads will be built to Utah Division of Oil, Gas and Mining standards and specifications.

1. Construction Materials: A list of sources of construction materials, such as sand, gravel or soil, will be submitted along with a description of the intended use of each material.
  - a) Surfacing materials such as scoria or gravel will be purchased from a commercial site in the immediate area.

- b) No construction materials will be taken from Federal or Indian lands without prior approval from the appropriate Surface Management Agency.
- c) If production is established, any construction materials required for surfacing of the access road and/or installation of production facilities will be purchased from a commercial site in the immediate area.
- d) The gas and water pipeline bedding material will be obtained by screening spoil materials. No commercial products will be required.
- e) No new access road for transportation of these materials will be required.
- f) Water for road construction purposes will be acquired from the local municipal water supply and transported to location by truck. No new access road is required for water transport.
- g) No other construction material will be required for this project.

## 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 slip on and weld 11" x 8-5/8" 3000 psi casing head will be installed. The wellhead weld will be tested to 2000 psi with hydraulic oil. BOP equipment will consist of an 11" 3000 psi, double ram preventer with blind and pipe rams as well as rotating head. A hydraulically controlled valve will be installed between the BOP spool and choke manifold with controls on the rig floor. The spool will be located between the casing head and BOP's.

The pipe rams, blind rams and choke manifold will be tested to 3000 psi (high pressure test) and 250 psi (low pressure test). The test will be performed with a test plug in the casing head and the casing head valve below the test plug open. The surface casing will be tested to 70% of the internal yield strength ( $0.70 \times 2950 \text{ psi} = 2000 \text{ psi}$  or  $0.70 \times 2730 \text{ psi} = 1911 \text{ psi}$ ); refer to BLM Onshore Order # 2, section III A – Well Control Requirements for a complete discussion of BOP, BOPE and Surface Casing testing requirements. The test results will be recorded and notated 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 of the hole, but not more than once every 24 hours. A BOP pit 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 3000 psi high / 250 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 Ferron producing wells.

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 17-1/2" hole to approx. 40'+. Run 13-3/8" plain end pipe as conductor pipe and set.
3. Nipple up diverter to conductor pipe.

4. Drill an 11" hole to 10% of the total depth of each well.
5. Run 8-5/8" 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.
6. 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 the proper authorities for BOP test.
7. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 3000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
8. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 2950 psi = 2000 psi.
9. Drill a 7-7/8" hole to the total depth with conventional rotary techniques using insert bits and an air/mud system.
10. Run single point directional survey with every bit trip.
11. Run open hole logs as specified in the logging section.
12. Pending log evaluation, run sidewall cores or prepare to run 5-1/2" casing and cement in full tension as specified in the casing and cementing section of this Master Drilling Plan.
13. 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 is a schematic 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 these wells will be primarily drilled with air, minimal water is needed. The lined pits will be pumped out and water will be disposed of at Westport's facility or at an approved disposal facility.

**MUD PROGRAM**

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

Drilling fluid will be air and/or mud. It will be kept in optimum condition at all times. The mud company's representative will also be readily available if any problems are encountered. It is planned for the representative to be on location prior to and during any logging or casing running operations as well as during the conversion from fresh water to a gel system.

The well will be spud with water. Gel and lime will be mixed as needed to clean the hole prior to running surface casing. Surface casing will be set at 10% of the total depth of the well.

**Ferron Producing Wells:**

Interval	Type	Weight	Viscosity, sec	Fluid loss
Surface - 10% of TD	Gel/Lime	8.4 - 8.6	26 - 38	No Control
Surface - TD	Air/Mud			

Note:

1. The mud engineer's 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 – Ferron Wells

LOGGING TOOL	TOP logged interval	BOTTOM logged interval
Induction/GR/SP	Base of surface 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 2000', 10' samples from 2000' to TD.

Project Senior Geologist: Mark Lehrer may be reached at the following telephone numbers:

Denver Office 303 575-0166

Cellular 303 548-6961

Home 303 680-1553.

### Mud Logging Unit

None.

### Hole Deviation Survey

Surface hole deviation is not to exceed 5 degrees with surveys are to be taken at 230', base of surface casing and more often if deviation is indicated. Below surface casing, deviation will not exceed 7 degrees 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 to Westport's Denver office at the end of the hole.

## Surface Hole

1. Drill an 11" hole to 10% of well's total depth.
2. Circulate and sweep hole as necessary to clean hole.
3. Surface casing will be new 8-5/8" OD.
4. Thread lock the first two joints of pipe and float equipment. Increase torque values by 10 percent when using thread lock. Run casing and install centralizers.

## Surface Casing Selection

Interval	Size	Weight	Grade	Thread	Collapse	Burst
0- 10% TD	8-5/8"	24	J-55	ST & C	1370	2950

## Design & Safety Factors

Weight	Grade	Thread	Depth	Length	Collapse	Burst	Tensile
24	J-55	ST & C	10% of TD	10% of TD	10+	20+	40+

Notes: All collapse factors account for axial loading.

## Cementing Surface Casing

1. Circulate up one casing volume.
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 cement rounds the shoe.
7. Bump plug to 750 psi over final lifting pressure. However, do not exceed 2000 psi (70% of internal yield strength). Hold for 1 minute or more and check for flow back. Hold pressure if the float fails.
8. Do not over displace.
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.
10. Nipple up 11 inch x 3,000 psi BOP.

## Cement Design

Vendor: Halliburton	Surface Cement
Volume	10% of Total Depth to Surface, estimated 200 sks.
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.
  - a) 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.

Cement volumes are based on raising cement to base of surface with 30% excess.

## PRODUCTION CASING AND CEMENT PROGRAM

After reaching total depth and logging the well, Westport's representative will give orders to plug and abandon the well, run side wall cores or run 5-1/2" production casing. If production casing is to be run, new 5-1/2" 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.

### 5-1/2" Production Casing

Weight	Grade	Thread	Collapse	Burst	Body Yield	Joint Str.
17	N80	LT&C	6280	7740	397,000	348,000

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. Rig up cementing company equipment, test lines to 3500 psig.
2. Circulate bottoms up.
3. Pump 10 bbls. of chemical wash or gelled water with flocele.
4. Mix and pump cement (enough cement to bring cement to surface).
5. Drop top plug.
6. Displace with water.

7. Bump plug to 750 psi over the final displacement pressure (do not exceed 3300 psi).
8. Hold pressure 1 minute or more.
9. Release pressure and check for flow back.
10. Shut in and hold pressure if the float equipment fails. Wait 8 hours or enough time to attain 500 psi compressive strength.
11. Pick up the BOP and set the casing slips.

Cement volumes will be determined when logs are obtained. The volume to be pumped will be based on log value plus 10%.

### Cement Specifications:

#### Production String Cement Design

Vendor: Halliburton	Lead	Tail
Volume	Cement back to surface casing	Volume sufficient to cover Ferron
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

The cement for the production string will be calculated to cover the entire open hole section and up into the production casing-surface casing annulus plus 30% excess of calculated open hole volume or plus 10% excess of actual open hole volume based upon caliper logs. In all cases a cement bond log will be run to ascertain the top of cement or to determine that it is in fact up into the production casing-surface casing annulus and that all open hole zones are adequately isolated and protected.

This procedure for estimating cement volume has resulted in cement being circulated to surface on the production string for all of the previously drilled wells by Westport Oil and Gas Company, L. P., in this area. It is anticipated that the wells will experience the same results and have cement circulated to surface.

### Potential Water Zones

Water may be encountered in any and all of the sandstones penetrated. Shallow freshwater sandstones will be protected by the installation of surface casing that will be cemented to surface. Surface casing will be set to approximately ten percent (10%) of the estimated total depth of the well, as set out in this Master Drilling Plan. The casing will be steel and will be cemented to surface.

Fresh water may be encountered in sandstones below the depth of the surface casing. If production casing is to be run, it will be run and cemented. The plan indicated that sufficient cement will be run to cover the entire open-hole section and up into the production casing-surface casing annulus plus excess. The proposal is for the calculated volume plus 30% excess. Actual volume will be determined after open-hole logs are run. The calculated annular volume, plus 10% excess will be utilized to bring cement into the production-surface casing annulus. After cementing operations are completed, and prior to commencing completion operations, a cement bond log will be run. If adequate zonal isolation is not achieved by primary cementing, remedial cementing will be incorporated. The appropriate agency will be advised if remedial cementing is to be performed.

## Plugging and Abandoning

If it is determined that the well is not commercial and is to be plugged and abandoned, then cement plugs will be placed in the open hole section and in the surface casing sufficient to provide adequate zonal isolation and protection. These cement plugs will be set as prescribed by the appropriate governmental agency.

## Hydrocarbon Bearing Zones

Natural gas is expected to occur with the Ferron formation. Natural gas may be in either coals, sandstones, or fractured shale members of the Ferron formation. These zones will be protected as previously stated by the installation of production casing with cement covering and isolating them or by cement plugs in the event of a plug and abandonment.

Oil bearing zones or formations are not expected to be encountered at these locations.

No other known commercial minerals are expected to be encountered at these locations. Consequently, no other protective measures are contemplated.

## Formations Encountered

The list of formations is as follows for each of the Ferron wells:

Formation	Estimated Depths	Description
Mancos	Surface –	Shale and sandstone interbedded
Bentonite	Varies	Bentonite marker bed
Ferron	3,958' - 4,126'	Sandstone, coal, and shale interbedded
Tununk	4508' - 4721' – Total Depth	Shale

## Tubing Head

1. Make a final cut on the 5-1/2" casing. Set slips – casing in full tension.
2. Install tubing head and protective flange.

## SURFACE AND MINERAL OWNERSHIP:

Surface Owner: State of Utah School and Institutional Trust Lands, 675 E. 500 South, Suite 500, Salt Lake City, Utah 84102.

Mineral Owner: State of Utah School and Institutional Trust Lands, 675 E. 500 South, Suite 500, Salt Lake City, Utah 84102.

## ABNORMAL CONDITIONS

Below-normal pressures are anticipated in the surface and primary 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 may be as high as 2044 psig (calculated at 0.433 psi/foot of hole). Maximum anticipated surface pressure may be as high as 840 psig (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.10 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 as soon as practical for natural growth.

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. Pipeline corridors will have trees and rocks dispersed to reduce and discourage public use.

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

Prior to reseeded, 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 SITLA's recommended seed mixture will be used.

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

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).

## **METHOD OF HANDLING WASTE DISPOSAL**

1. Cuttings – The drilled cuttings will be deposited in the reserve pit.
2. Drilling fluids – A lined reserve pit will be constructed for drilling operations. Any salts and/or chemicals utilized in the mud system will be contained in the reserve pit. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed entirely in cut. The reserve pit will be lined with HDPE liner material.

3. Produced fluids – Liquid hydrocarbons produced during completion operations will be placed in test tanks on location. Produced water will be placed in the reserve pit for a period not to exceed ninety (90) days after initial production.
4. Sewage – Portable, self-contained chemical toilets will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents disposed of in an approved sewage disposal facility. Sewage disposal will be in strict accordance with the Bureau of Land Management rules and regulations regarding sewage treatment and disposal.
5. Garbage and other waste material – All garbage and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage. Upon completion of operations, or as needed, the accumulated trash will be hauled off-site to the local Price Municipal landfill. No trash will be placed in the reserve pit.
6. Immediately after removal of the drilling/completion rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No potentially adverse materials or substances will be left on the location. Any open pits will be fenced during the drilling operation and will be maintained until such time as the pits have been backfilled.

### **Ancillary Facilities**

Each drilling and completion rig will have its own portable toilets. Once approved by the proper authorities the “yard” in the SESE of section 6 will be the only campsite within the Environmental Assessment boundary. A trash dumpster will be available at the yard site for use as a trash receptacle. The dumpster will be periodically transported and dumped at the local Price Municipal landfill.

CERTIFICATION STATEMENT

WELL NAME: **NORTH BENCH STATE 44-16**

LEASE NO.: **ML47002**

I hereby certify that I, or person under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations herein will be performed by *Grey Wolf, Inc. "Drilling", (completion rig has not been determined), and Nelco, Contractor Inc., "Construction Contractor"* and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Name and Title



Reed Scott, Sr. Engineering Specialist

Dated this 27<sup>th</sup> day of April, 2005.

# WESTPORT OIL AND GAS COMPANY, L.P.

## NORTH BENCH STATE #44-16

LOCATED IN UINTAH COUNTY, UTAH

SECTION 16, T13S, R11E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



**U E L S** Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

- Since 1964 -

LOCATION PHOTOS

**04 14 05**  
MONTH DAY YEAR

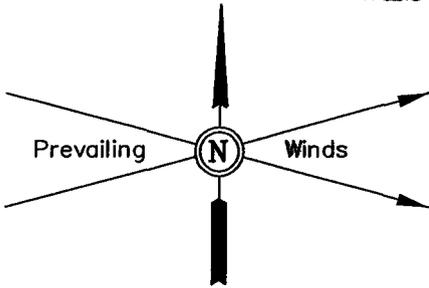
PHOTO

TAKEN BY: D.L. | DRAWN BY: L.K. | REVISED: 00-00-00

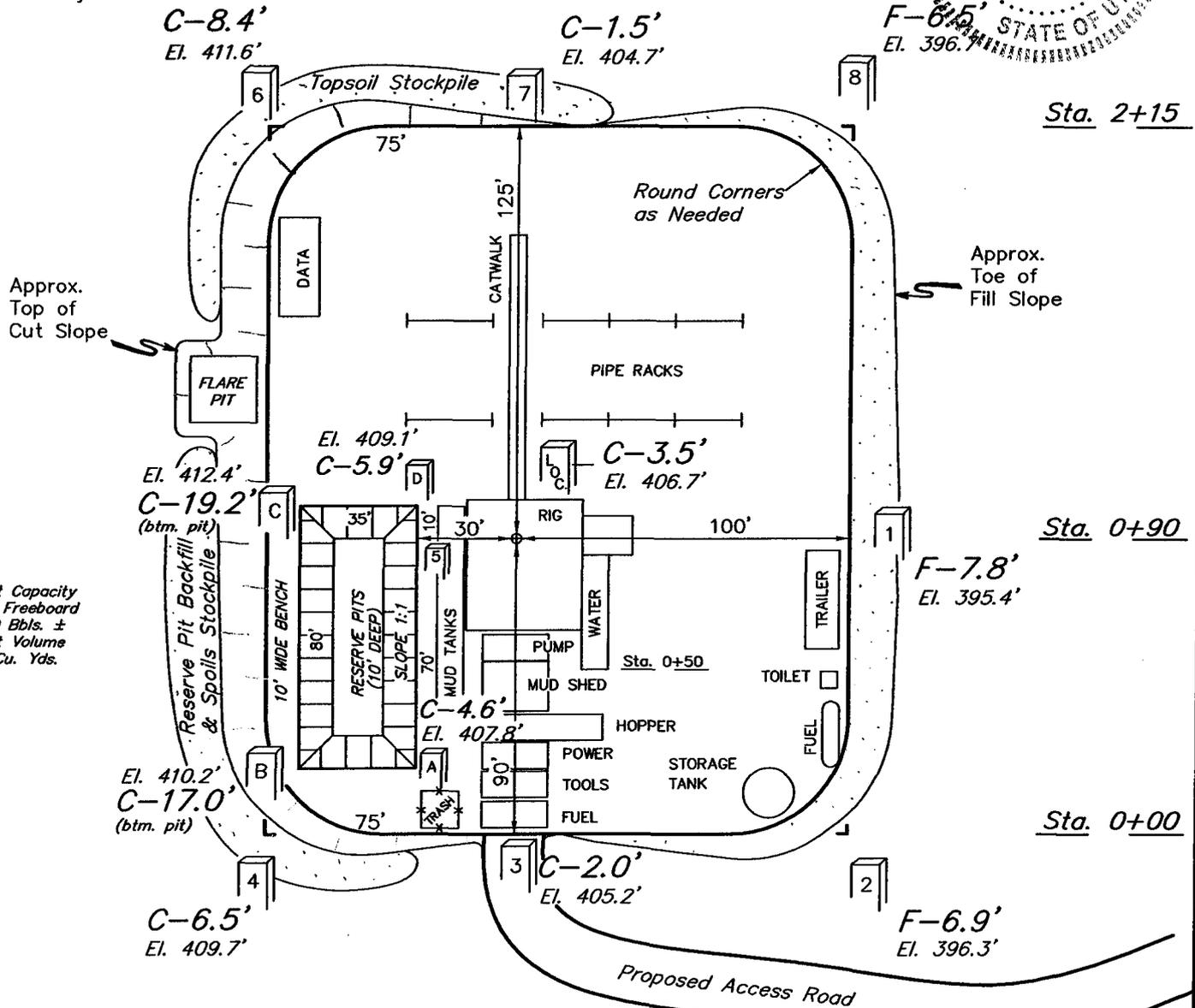
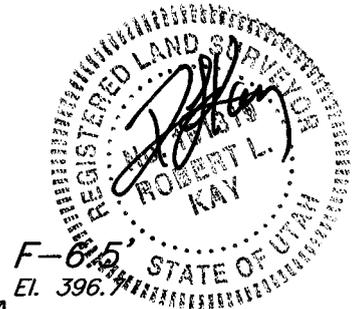
# WESTPORT OIL AND GAS COMPANY, L.P.

## LOCATION LAYOUT FOR

NORTH BENCH STATE #44-16  
SECTION 16, T13S, R11E, S.L.B.&M.  
296' FSL 507' FEL



SCALE: 1" = 50'  
DATE: 04-21-05  
Drawn By: C.G.



Total Pit Capacity  
W/2' of Freeboard  
= 2,260 Bbbls. ±  
Total Pit Volume  
= 660 Cu. Yds.

Reserve Pit Backfill  
& Spoils Stockpile

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 6406.7'  
FINISHED GRADE ELEV. AT LOC. STAKE = 6403.2'

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

# WESTPORT OIL AND GAS COMPANY, L.P.

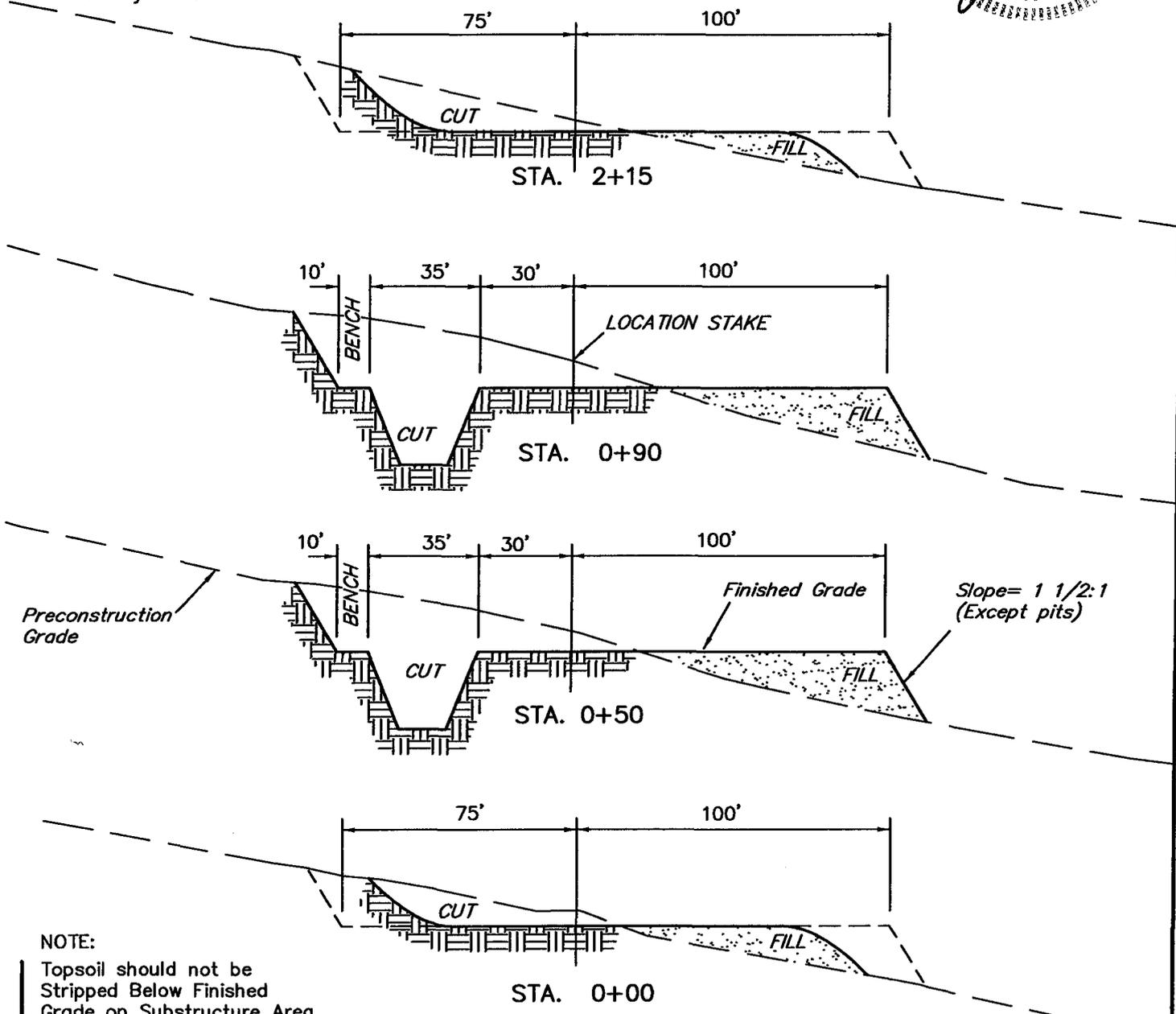
## TYPICAL CROSS SECTIONS FOR

NORTH BENCH STATE #44-16  
SECTION 16, T13S, R11E, S.L.B.&M.  
296' FSL 507' FEL



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

DATE: 04-21-05  
Drawn By: C.G.



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

**\* NOTE:**  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

<b>CUT</b>	
(6") Topsoil Stripping	= 860 Cu. Yds.
Remaining Location	= 4,100 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 4,960 CU.YDS.</b>
<b>FILL</b>	<b>= 3,770 CU.YDS.</b>

EXCESS MATERIAL	= 1,190 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,190 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

R 10 E  
R 11 E

PROPOSED LOCATION:  
NORTH BENCH STATE #44-16

SEE TOPO "B"

T13S  
T14S

7.8 MI. +/-

8.5 MI. +/-

4.0 MI. +/-

2.3 MI. +/-

2.7 MI. +/-

LEGEND:

⊙ PROPOSED LOCATION

WESTPORT OIL AND GAS COMPANY, L.P.

NORTH BENCH STATE #44-16  
SECTION 16, T13S, R11E, S.L.B.&M.  
296' FSL 507' FEL

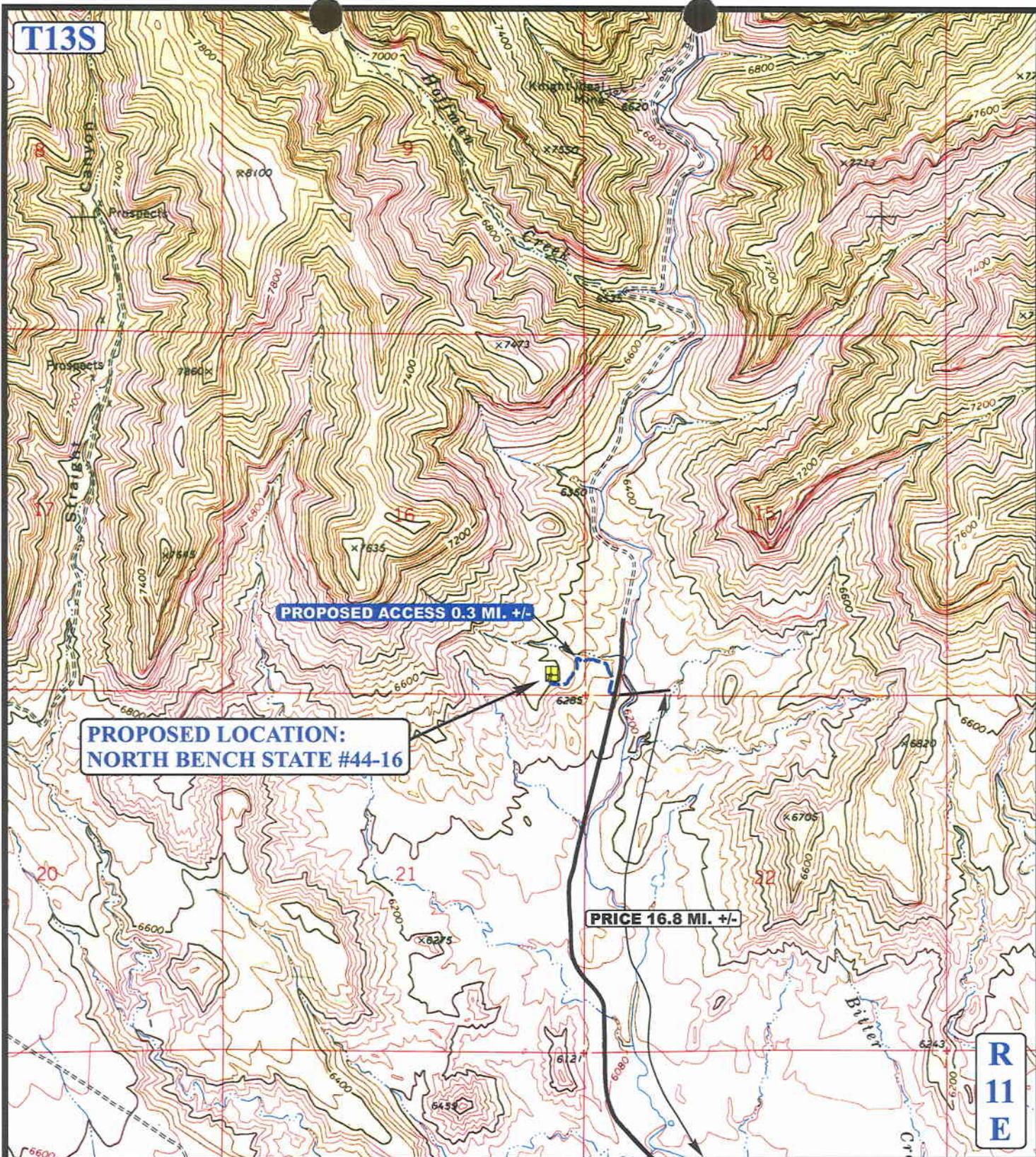
**UEIS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC MAP  
04 14 05  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00



T13S



R  
11  
E

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



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

**NORTH BENCH STATE #44-16**  
**SECTION 16, T13S, R11E, S.L.B.&M.**  
**296' FSL 507' FEL**



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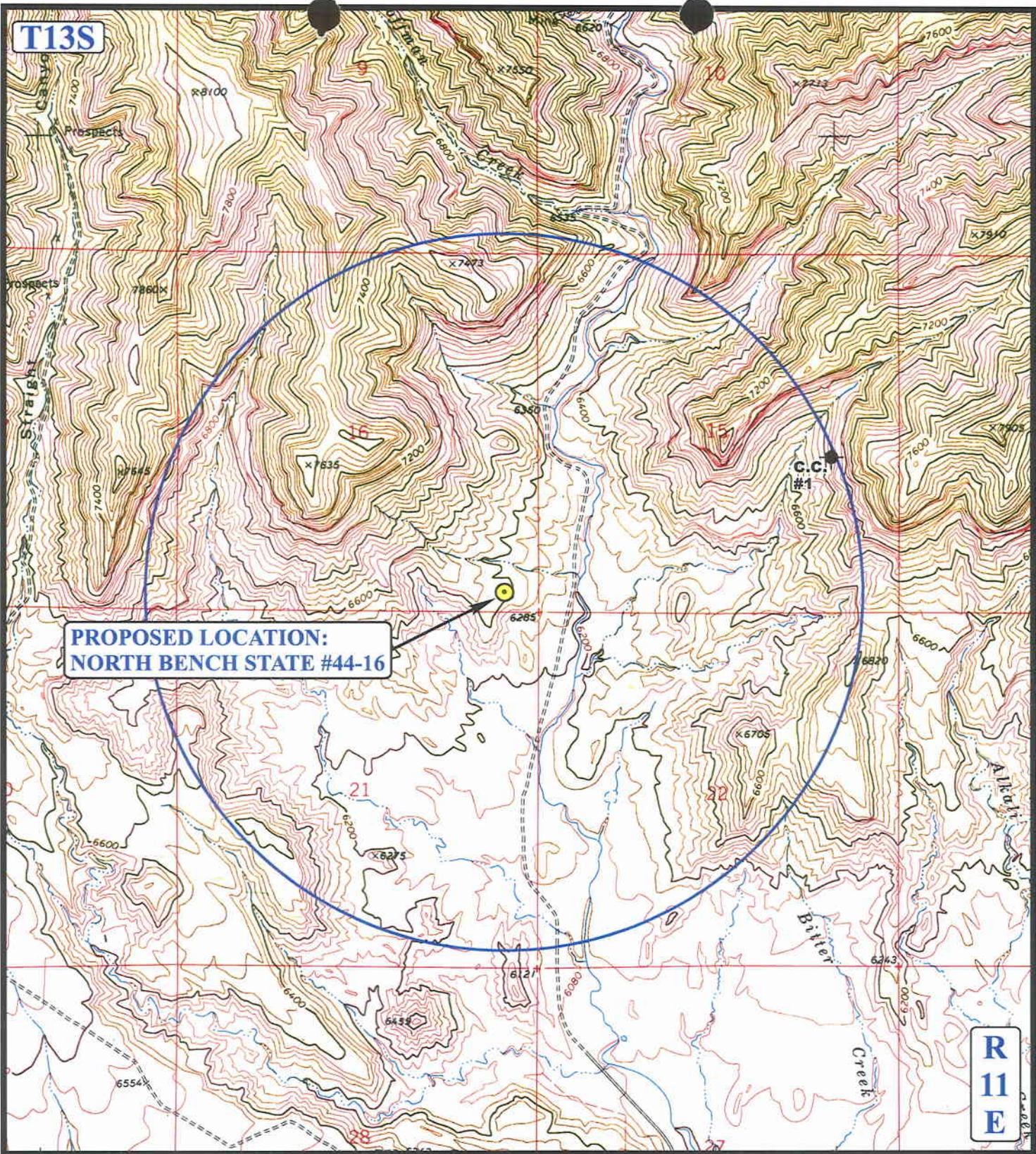
**TOPOGRAPHIC**  
**MAP**

**04 14 05**  
 MONTH DAY YEAR

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



T13S



**PROPOSED LOCATION:  
NORTH BENCH STATE #44-16**

R  
11  
E

**LEGEND:**

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



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

**NORTH BENCH STATE #44-16  
SECTION 16, T13S, R11E, S.L.B.&M.  
296' FSL 507' FEL**



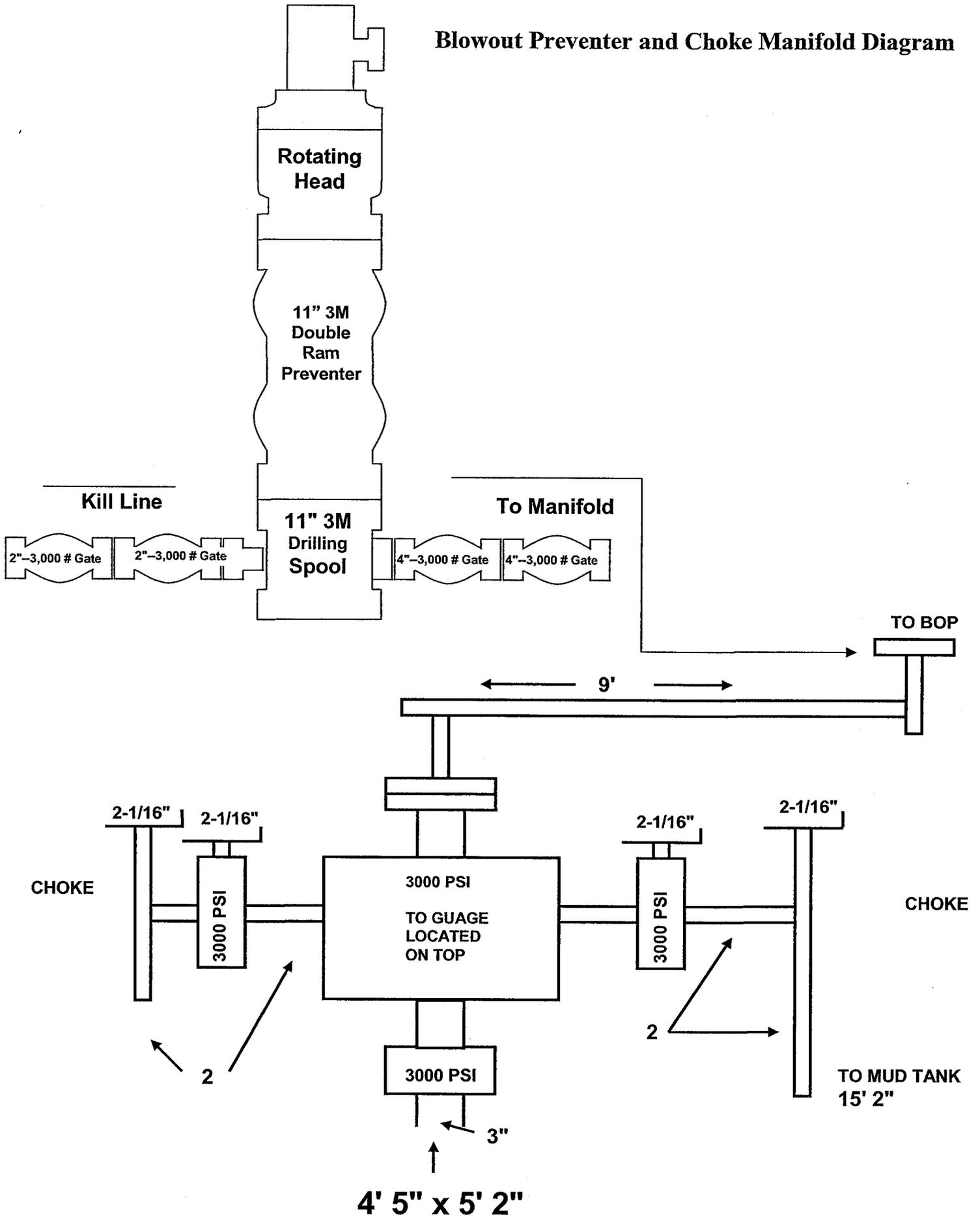
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** **04 14 05**  
MONTH DAY YEAR

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



# Blowout Preventer and Choke Manifold Diagram



WORKSHEET

APPLICATION FOR PERMIT TO DRILL

003

APD RECEIVED: 05/11/2005

API NO. ASSIGNED: 43-007-31033

WELL NAME: N BENCH ST 44-16

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: DEBBY BLACK

PHONE NUMBER: 303-573-5404

PROPOSED LOCATION:

SESE 16 130S 110E
SURFACE: 0296 FSL 0507 FEL
BOTTOM: 0296 FSL 0507 FEL
CARBON
UNDESIGNATED ( 2 )

Table with 3 columns: Tech Review, Initials, Date. Rows include Engineering (DKD, 7/7/05), Geology, and Surface.

LEASE TYPE: 3 - State

LEASE NUMBER: ML47002

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO

LATITUDE: 39.68983

LONGITUDE: -110.6839

RECEIVED AND/OR REVIEWED:

- Plat
Bond: Fed[] Ind[] Sta[] Fee[] (No. RUB0005234)
Potash (Y/N)
Oil Shale 190-5 (B) or 190-3 or 190-13
Water Permit (No. MUNICIPAL)
RDCC Review (Y/N) (Date: )
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: 241-05
Eff Date: 4-16-2004
Siting: 460' fr outer bdr of 920' fr other wells.
R649-3-11. Directional Drill

COMMENTS:

Needs Permit (5-25-05)

STIPULATIONS:

1- STATEMENT OF BASIS

T13S R11E



OPERATOR: WESTPORT O&G CO (N2115)  
 SEC: 16 T. 13S R. 11E  
 FIELD: UNDESIGNATED (002)  
 COUNTY: CARBON  
 CAUSE: 241-05 / 4-16-2004



Wells	Units.shp	Fields.shp
⚡ GAS INJECTION	🔲 EXPLORATORY	🔲 ABANDONED
⊗ GAS STORAGE	🔲 GAS STORAGE	🔲 ACTIVE
✕ LOCATION ABANDONED	🔲 NF PP OIL	🔲 COMBINED
⊕ NEW LOCATION	🔲 NF SECONDARY	🔲 INACTIVE
⚡ PLUGGED & ABANDONED	🔲 PENDING	🔲 PROPOSED
⚡ PRODUCING GAS	🔲 PI OIL	🔲 STORAGE
● PRODUCING OIL	🔲 PP GAS	🔲 TERMINATED
⚡ SHUT-IN GAS	🔲 PP GEOTHERML	
⚡ SHUT-IN OIL	🔲 PP OIL	
✕ TEMP. ABANDONED	🔲 SECONDARY	
⊙ TEST WELL	🔲 TERMINATED	
▲ WATER INJECTION		
● WATER SUPPLY		
⚡ WATER DISPOSAL		

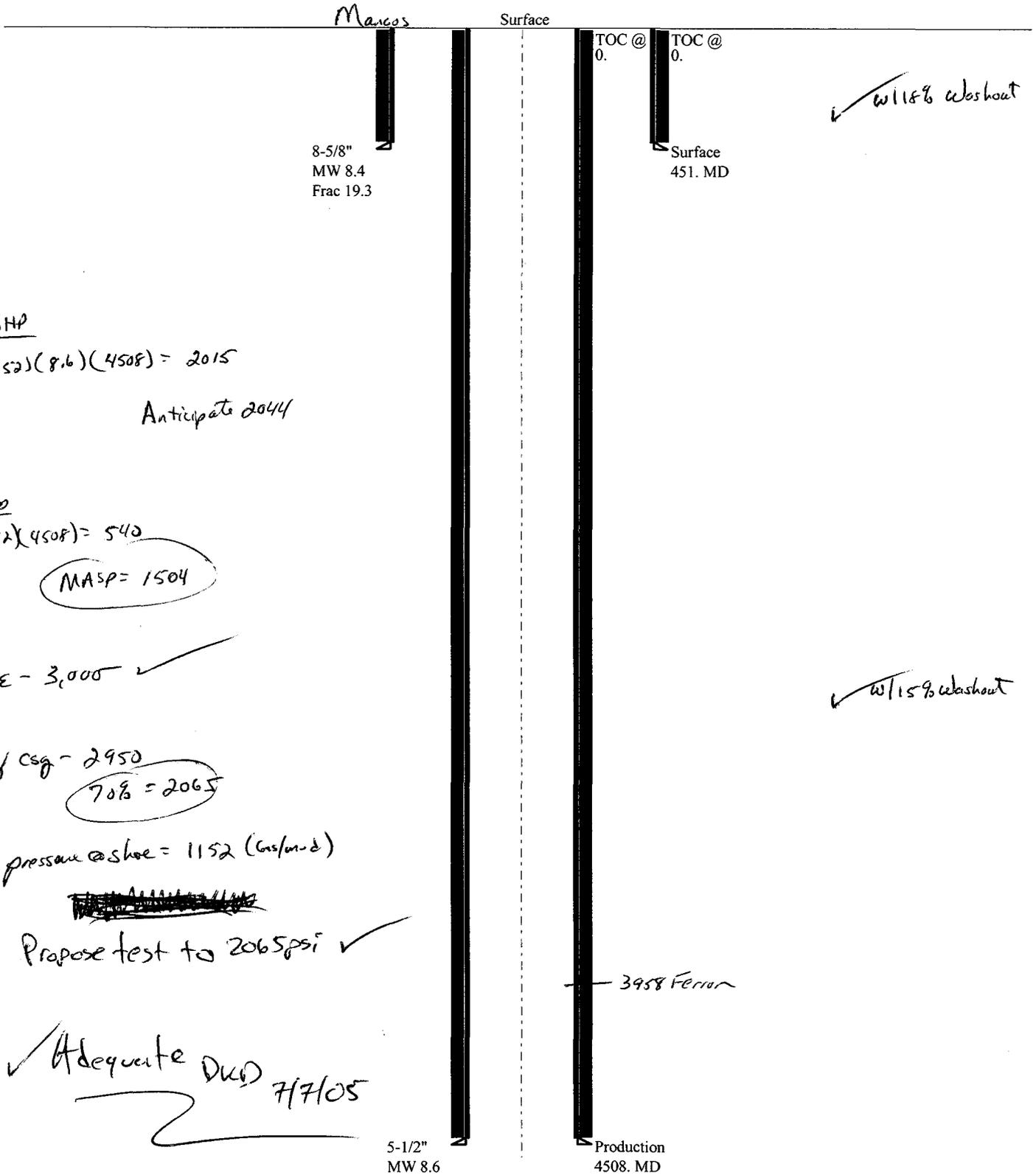


PREPARED BY: DIANA WHITNEY  
 DATE: 11-MAY-2005





07-05 Westport N Bench St-16  
Casing Schematic



8-5/8"  
MW 8.4  
Frac 19.3

TOC @ 0.  
TOC @ 0.  
Surface  
451. MD

✓ w/18% washout

BHP

$$(.052)(8.6)(4508) = 2015$$

Anticipate 2044

G<sub>00</sub>

$$(.12)(4508) = 540$$

$$\text{MASP} = 1504$$

BoPE - 3,000 ✓

✓ w/15% washout

Seaf csg - 2950

$$70\% = 2065$$

Max pressure @ shoe = 1152 (Gas/m-d)

~~XXXXXXXXXXXX~~

Propose test to 2065psi ✓

3958 Ferron

✓ Adequate DUD 7/7/05

5-1/2"  
MW 8.6

Production  
4508. MD

Well name:	<b>07-05 Westport N Bench St 44-16</b>	
Operator:	<b>Westport Oil &amp; Gas Company</b>	Project ID:
String type:	Surface	43-007-31033
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: 75 °F  
 Bottom hole temperature: 81 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 350 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 397 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 451 psi

No backup mud specified.

**Tension:**

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

Tension is based on buoyed weight.  
 Neutral point: 394 ft

Completion type is subs  
 Non-directional string.

**Re subsequent strings:**

Next setting depth: 4,508 ft  
 Next mud weight: 8.600 ppg  
 Next setting BHP: 2,014 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 451 ft  
 Injection pressure 451 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	451	8.625	24.00	J-55	ST&C	451	451	7.972	21.7
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	197	1370	6.961	451	2950	6.54	9	244	25.79 J

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

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

Date: July 1, 2005  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 451 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>07-05 Westport N Bench St 44-16</b>		
Operator:	<b>Westport Oil &amp; Gas Company</b>		
String type:	Production	Project ID:	43-007-31033
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

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 138 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst**

Max anticipated surface pressure: 1,473 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,014 psi

**Burst:**

Design factor 1.00

Cement top: Surface

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)

Completion type is subs  
Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 3,920 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4508	5.5	17.00	N-80	LT&C	4508	4508	4.767	155.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2014	6290	3.123	2014	7740	3.84	67	348	5.22 J

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

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

Date: July 1, 2005  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 4508 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



State Online Services Agency [www.utah.gov](http://www.utah.gov)

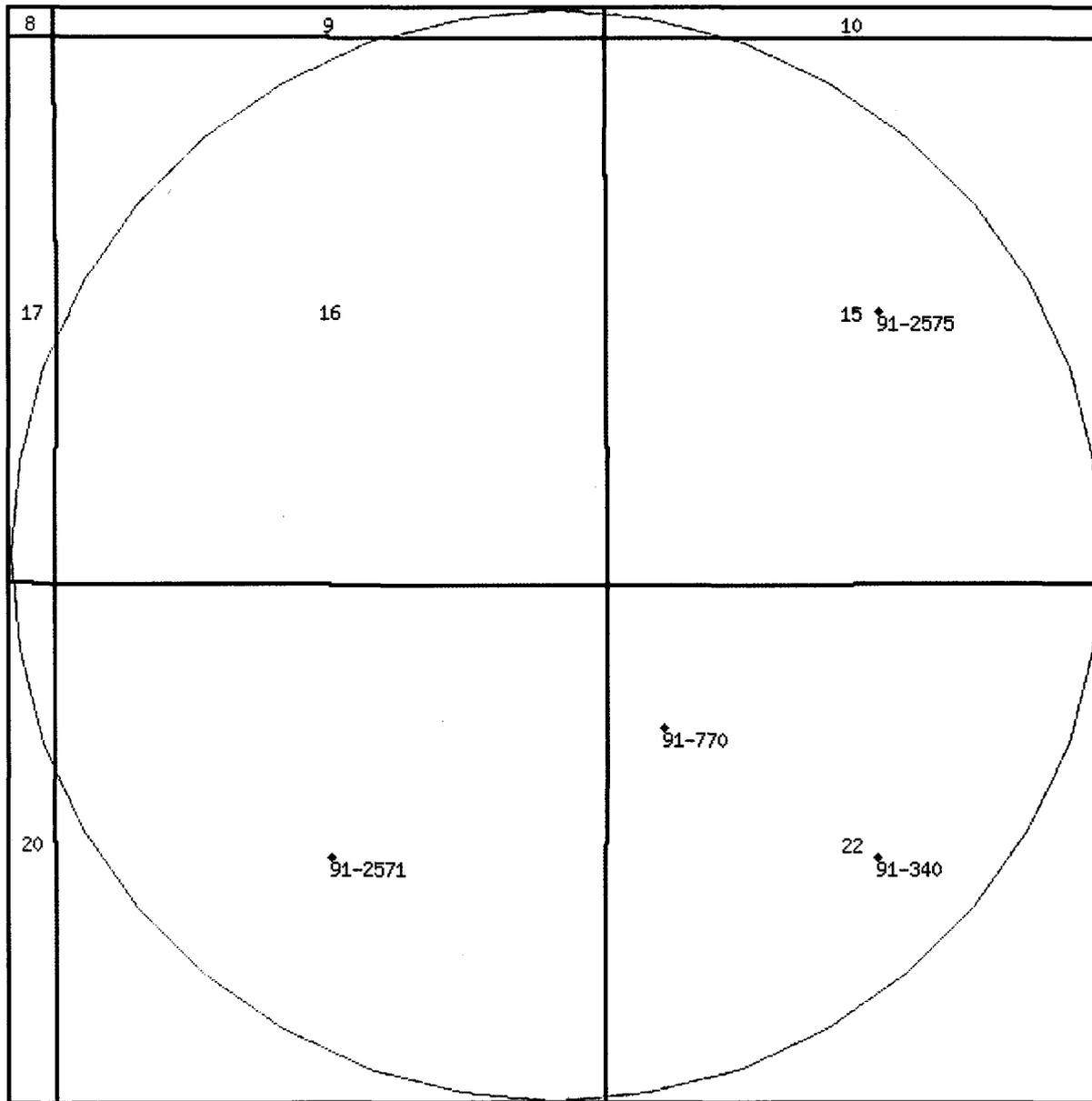
Search Utah.gov **GO**

# UTAH DIVISION OF WATER RIGHTS

## WRPLAT Program Output Listing

Version: 2004.12.30.00      Rundate: 06/30/2005 02:49 PM

**Radius search of 5280 feet from a point N296 W507 from the SE corner, section 16, Township 13S, Range 11E, SL b&m**  
**Criteria: wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all**



**Water Rights**

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner Name</b>
<u>91-2571</u>	Point to Point 0 0 21 13S 11E SL		P	18690000	S	0.033	0.000	PRICE FIELD OFFICE USA BUREAU OF LAND MANAGEMENT 125 SOUTH 600 WEST
<u>91-2575</u>	Point to Point 0 0 15 13S 11E SL		P	18690000	S	0.000	0.000	PRICE FIELD OFFICE USA BUREAU OF LAND MANAGEMENT 125 SOUTH 600 WEST
<u>91-340</u>	Point to Point 0 0 22 13S 11E SL		P	18690000		0.000	0.000	GEORGE M. & ARDITH THAYN WELLINGTON UT 84542
<u>91-761</u>	Surface S1380 E550 NW 22 13S 11E SL		P	18720000	DIS	2.000	0.000	GEORGE M. & ARDITH THAYN WELLINGTON UT 84542
<u>91-770</u>	Rediversion S1380 E550 NW 22 13S 11E SL		P	18740000	DIS	2.000	0.000	GEORGE M. & ARDITH THAYN WELLINGTON UT 84542

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

**OPERATOR:** Westport Oil and Gas Company  
**WELL NAME & NUMBER:** North Bench State 44-16  
**API NUMBER:** 43-007-31033  
**LOCATION:** 1/4,1/4 SESE Sec:16 TWP: 13 S RNG: 11 E 296 FSL 507 FEL

**Geology/Ground Water:**

Significant volumes of high quality ground water are unlikely to be encountered at this location. A poorly to moderately permeable soil is likely to be developed on the Blue Gate Member of the Mancos Shale. A significant volume of coarse float from surrounding cliffs has washed down on the Blue Gate Member bedrock. This material is unlikely to extend much below the surface. The proposed casing and cementing program should adequately isolate any zones of fresh water that may be penetrated. No subsurface water rights have been filed within a mile of the proposed well site.

**Reviewer:** Christopher J. Kierst

**Date:** 6/30/2005

**Surface:**

Proposed location is ~17 miles ESE of Price, Utah. Staked location lies in the Coal Creek drainage, ~1000' west of Coal Creek. The direct area drains to the southeast into Coal Creek, and eventually into the Price River, a year-round live water source, ~10 miles South of the proposed location. Dry washes are typical throughout the area. Other issues talked about were; location layout, evaluation of lining the reserve pit, access and right-of-ways. SITLA, DWR, and Carbon County were invited but chose not to attend the onsite.

**Reviewer:** Mark L. Jones

**Date:** June 20, 2005

**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.

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

**OPERATOR:** Westport Oil and Gas  
**WELL NAME & NUMBER:** North Bench State 44-16  
**API NUMBER:** 43-007-31033  
**LEASE:** State                      **FIELD/UNIT:** \_\_\_\_\_  
**LOCATION:** 1/4,1/4 SESE    **Sec:** 16    **TWP:** 13S    **RNG:** 11E    296 FSL    507 FEL  
**LEGAL WELL SITING:** 460' from unit boundary and 920 from another well.  
**GPS COORD (UTM):** X = 527105 E; Y = 4393179 N    **SURFACE OWNER:** SITLA

**PARTICIPANTS**

M. Jones (DOG M), Bill McKnab (Westport), and Larry Jensen (Nelco) were in attendance for the on-site of this well. SITLA, DWR, and Carbon County were invited but chose not to attend the onsite.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~17 miles ESE of Price, Utah. Staked location lies in the Coal Creek drainage, ~1000' west of Coal Creek. The direct area drains to the southeast into Coal Creek, and eventually into the Price River, a year-round live water source, ~10 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:** 205' x 215' with an internal 80'x 35'x 10' pit.

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** 4 proposed, producing, and/or PA 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, Sagebrush, grasses, deer, small game, rodents, and raptors.

SOIL TYPE AND CHARACTERISTICS: Sandy rocky loam.

SURFACE FORMATION & CHARACTERISTICS: \_\_\_\_\_

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

May 25, 2005 / 9:15 am  
DATE/TIME

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

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</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**      27      (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.

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 6/13/2005 1:48:02 PM  
**Subject:** Well Clearance

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

ConocoPhillips  
Utah 24-902  
Utah 28-903  
Utah 18-904

Westport Oil & Gas Company  
NBU 921-25D  
NBU 921-33N  
NBU 922-36B  
North Bench State 42-16  
North Bench State 44-16

QEP Uinta Basin, Inc  
RW 14-36AMU  
WK 1ML-2-9-24  
WK 3ML-2-9-24  
WK 7ML-2-9-24  
WK 13ML-2-9-24  
WK 15ML-2-9-24

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

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



WESTPORT OIL AND GAS COMPANY, L.P.

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

July 20, 2005

Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: Diana Whitney

RE: Location Exception Request  
North Bench State #44-16 Location  
SESE of Section 16-T13S-R11E  
Carbon County, Utah

Dear Diana:

Per R649-3-3 of the Rules of the Division of Oil, Gas and Mining, Westport Oil and Gas Company, L.P. ("Westport") respectfully requests a location exception for the North Bench State #44-16 to be located 296' FSL & 507' FEL of Section 16 of Township 13 South, Range 11 East of Carbon County, UT. The exception is required due to excessive surface slope conditions at a legal location in the SE/4 of Section 16. Westport as a leasehold owner is Section 21 of Township 13 South, Range 11 East, Carbon County, UT hereby consents to the location exception request.

The current leasehold owners of Section 21 of Township 13 South, Range 11 East, Carbon County, UT are Westport with 90% leasehold interest and Robert L. Bayless Producer LLC with 10% leasehold interest.

Very truly yours,

Westport Oil and Gas Company, L.P.

Bill Alleman  
Senior Landman  
720-264-2817

RECEIVED

JUL 26 2005

DIV OF OIL, GAS & MINING

# Robert L. Bayless, Producer LLC

Post Office Box 168  
368 New Mexico Highway 170  
Farmington, New Mexico 87499  
505-326-2659  
Fax 505-326-6911

621 Seventeenth Street, Suite 1640  
Denver, Colorado 80293  
303-296-9900  
Fax 303-296-0753

July 21, 2005

Diana Whitney  
State of Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
P O box 145801  
Salt Lake City, Utah 84114-5801

RE: Location Exception Request  
North Bench State #44-16 Location  
SESE of Section 16-T13S-R11E  
Carbon County, Utah

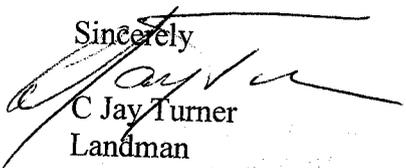
Dear Diana:

Under R649-3-3 of the Rules of the Division of Oil, Gas and Mining, Westport Oil and Gas Company, L.P. recently requested a location exception for the North Bench State 44-16 to be located 296' FSL & 507' FEL of Section 16 of Township 13 South, Range 11 East of Carbon County, UT. The exception is required due to excessive surface slope conditions at a legal location in the SE/4 of Section 16. Robert L. Bayless, Producer LLC as a leasehold owner is Section 21 of Township 13 South, Range 11 East, Carbon County, UT hereby consents to the location exception request.

If you have any questions or concerns, you may reach me at 303-296-9900, or Bill Alleman, Senior Landman with Westport at 720-264-2817.

Thank you for your assistance with this matter.

Sincerely,

  
C Jay Turner  
Landman

RECEIVED

JUL 26 2005

DIV. OF OIL, GAS & MINING

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

July 27, 2005

Westport Oil and Gas Company, L P  
1670 Broadway, Suite 2800  
Denver, CO 80202-4800

Re: North Bench State 44-16 Well, 296' FSL, 507' FEL, SE SE, Sec. 16,  
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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-007-31033.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
SITLA

Operator: Westport Oil and Gas Company, L P  
Well Name & Number North Bench State 44-16  
API Number: 43-007-31033  
Lease: ML-47002

Location: SE SE                      Sec. 16                      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)

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

**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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML47002</b>
2. NAME OF OPERATOR: <b>Kerr-McGee Oil &amp; Gas Onshore LP</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <b>1999 Broadway, Suite 3700</b>		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER <b>303 296-3600</b>		8. WELL NAME and NUMBER: <b>North Bench State 44-16</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>296' FSL, 507' FEL</b>		9. API NUMBER: <b>43-007-31033</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDAN: <b>SESE, Sec. 16: T13S-R11E, S.L.B.&amp;M</b>		10. FIELD AND POOL, OR WILDCAT: <b>Undesignated/Ferron</b>
COUNTY: <b>Carbon</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>1 yr extension request</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>and Name Change Notification</u>

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

I. This Sundry Notice is to hereby notify and reflect a "Name Change" from Westport Oil and Gas Company, L. P. and subsequent name change into Kerr-McGee Oil & Gas Onshore LP, effective January 4, 2006, with it's primary place of business for the Northern Office being 1999 Broadway, Suite 3700, Denver, CO 80202, business telephone number 303 296-3600 and fax number of 303 296-3601.

II. In addition, Kerr-McGee Oil & Gas Onshore LP, respectfully requests a one (1) year permit extension for the **North Bench State 44-16, API No. 43-007-31033**. Also, attached herewith this Sundry Notice the "Application for Permit to Drill Request for Permit Extension Validation".

I want to thank you in advance for your attention and consideration in this matter. Please direct any questions or suggestions to the undersigned.

New Operator Number N2995

NAME (PLEASE PRINT) <u>Debby J. Black 720-264-2646</u>	TITLE <u>Staff Engineering/Regulatory Analyst</u>
SIGNATURE <u><i>Debby J. Black</i></u>	DATE <u>May 1, 2006</u>

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 06-05-06  
By: *[Signature]*

RECEIVED  
MAY 09 2006

COPY SENT TO OPERATOR  
Date: 8-15-06  
Initials: [Signature]

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-007-31033  
**Well Name:** North Bench State 44-16  
**Location:** SESE, Sec. 16: T13S-R11E, Carbon County, UT  
**Company Permit Issued to:** Kerr-McGee Oil & Gas Onshore LP  
**Date Original Permit Issued:** July 27, 2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Debby J. Black  
Signature

May 1, 2006  
Date

Title: Staff Engineering/Regulatory Analyst

Representing: Kerr-McGee Oil & Gas Onshore LP

RECEIVED

MAY 09 2006

DEPT OF OIL, GAS & MINING

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**  
DIV. OF OIL, GAS & MINING

**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.

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.

**MUTIPLE WELLS**

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

9. API Well No.

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State

**SEE ATTACHED**

**UINTAH COUNTY, UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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

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

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Date

**5-9-06**

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

Office

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

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

COPY

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML47002</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE 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.			7. UNIT or CA AGREEMENT NAME:
			8. WELL NAME and NUMBER: <b>North Bench State 44-16</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Ferron Coal/Sands</u>	2. NAME OF OPERATOR: <b>Kerr-McGee Oil &amp; Gas Onshore LP</b>		9. API NUMBER: <b>43-007-31033</b>
3. ADDRESS OF OPERATOR: <b>1999 Broadway, Suite 3700, Denver, CO 80202</b>		PHONE NUMBER <b>303-296-3600</b>	10. FIELD AND POOL, OR WILDCAT: <b>Well Helper Field - Ferron</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>296' FSL, 507' FEL</b>			COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDAN: <b>SESE Sec. 16, T 13 S - R 11 E, S.L.B.&amp;M.</b>			STATE: <b>UTAH</b>

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

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

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

SITLA: Kerr-McGee Oil & Gas Onshore LP respectfully requests the North Bench State 44-16, rescind its "Application for Permit to Drill" dated April 27, 2005, approval granted July 27, 2005, within a letter from State of Utah - Department of Natural Resources, Division of Oil & Gas & Mining stating, "appropriate information was submitted to DOGM and administrative approval of the requested exception location was granted signed by Gil Hunt, Acting Associate Director. We are unable to pursue any future drilling consideration for well sites in Section 16, T13S-R11E and have therefore released lease ML 47002 (expired as of June 30, 2005).

We thank you in advance for your assistance and patience in this matter. If any questions arise, please don't hesitate contacting the undersigned.

NAME (PLEASE PRINT) <u>Debby J. Black, Debby.Black@anadarko.com</u>	TITLE <u>Staff Title Analyst/Permitting</u>
SIGNATURE <u>Debby J. Black</u>	DATE <u>January 23, 2007</u>

(This space for State use only)

RECEIVED  
JAN 26 2007  
DIV. OF OIL, GAS & MINING



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 29, 2007

Debby Black  
QEP Uinta Basin Inc.  
1571 East 1700 South  
Vernal, Utah 84078

Re: APD Rescinded –N Bench State 44-16 Sec. 16 T. 13 R. 11E  
Carbon County, Utah API No. 43-007-31033

Dear Ms. Black:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 27, 2005. On June 5 2006, the Division granted a one-year APD extension. On January 26, 2007, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 26, 2007.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
Ed Bonner, SITLA