

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

FORM 3

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: <b>ML-2237</b>	6. SURFACE: <b>UTE TRIBE</b>
1A. TYPE OF WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN		7. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>UTE TRIBE</b>	
B. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS OTHER _____ <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		8. UNIT OF CA AGREEMENT NAME: <b>WONSITS VALLEY UNIT</b>	
2. NAME OF OPERATOR: <b>QEP UINTA BASIN, INC.</b>		9. WELL NAME and NUMBER: <b>WV 15CML-16-8-21</b>	
3. ADDRESS OF OPERATOR: <b>11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078</b>		10. FIELD AND POOL, OR WILDCAT: <b>WONSITS VALLEY</b>	
PHONE NUMBER: <b>(435) 781-4331</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 16 8S 21E</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>159' FSL 2595' FWL</b>		12. COUNTY: <b>UINTAH</b>	
AT PROPOSED PRODUCING ZONE: <b>SAME</b>		13. STATE: <b>UTAH</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>8 + 1 - MILES FROM OURAY, UT</b>		15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>159' +/-</b>	
16. NUMBER OF ACRES IN LEASE: <b>600</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>20</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)		19. PROPOSED DEPTH <b>11400'</b>	
20. BOND DESCRIPTION: <b>04127294</b>		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4722.4' GR</b>	
22. APPROXIMATE DATE WORK WILL START: <b>ASAP</b>		23. ESTIMATED DURATION: <b>20 DAYS</b>	

24 **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
20"	14" Conductor	40'	SEE 8-POINT DRILLING
12 1/4"	9 5/8" J-55 36 lb/ft (new) STC	450'	
8 3/4"	7" N-80 26.0 lb/ft (new) LTC	7500'	
6 1/8"	4 1/2" P-110 11.6 lb (new) LTC	11400'	

25 **ATTACHMENTS**

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

WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  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 OW

NAME (PLEASE PRINT) Jan Nelson TITLE Regulatory Affairs

SIGNATURE *Jan Nelson* DATE 3/3/06

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37871 APPROVAL: \_\_\_\_\_

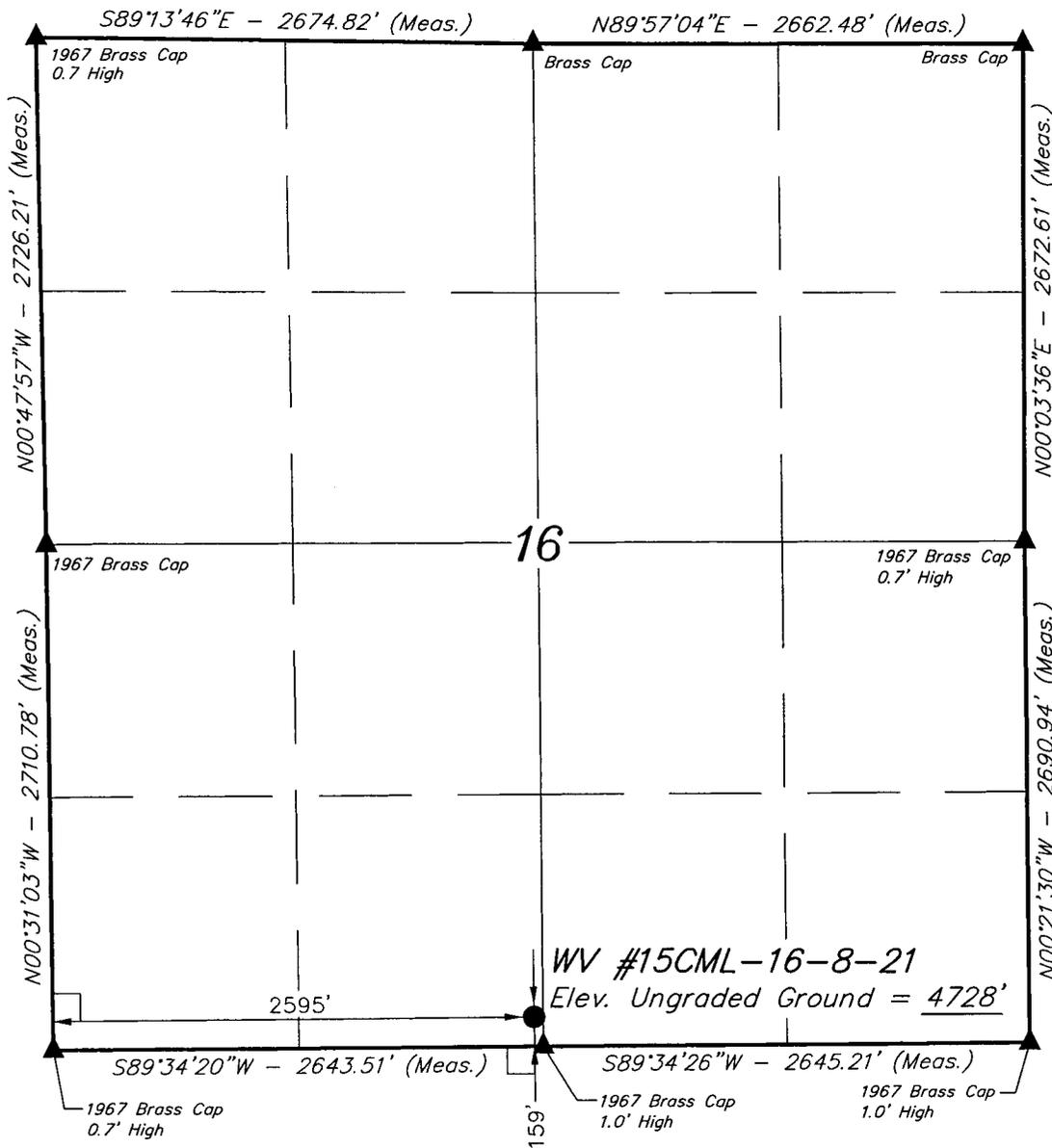
(11/2001)

**Approved by the Utah Division of Oil, Gas and Mining**  
D. 04-13-06  
B. *[Signature]*  
(See Instruction on Reverse Side)

**Federal Approval of this Action is Necessary**

**RECEIVED**  
**MAR 07 2006**  
DIV. OF OIL, GAS & MINING

# T8S, R21E, S.L.B.&M.



## QUESTAR EXPLR. & PROD.

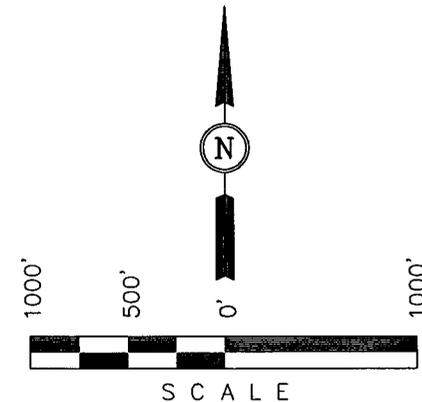
Well location, WV #15CML-16-8-21, located as shown in the SE 1/4 SW 1/4 of Section 16, T8S, R21E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

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



### 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.

*John Hay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

## UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

### LEGEND:

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

(NAD 83)  
 LATITUDE =  $40^{\circ}06'59.33''$  (40.116481)  
 LONGITUDE =  $109^{\circ}33'35.09''$  (109.559747)  
 (NAD 27)  
 LATITUDE =  $40^{\circ}06'59.46''$  (40.116517)  
 LONGITUDE =  $109^{\circ}33'32.61''$  (109.559058)

SCALE 1" = 1000'	DATE SURVEYED: 12-23-05	DATE DRAWN: 01-19-06
PARTY D.A. C.F. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

## **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 11400' to test the Mesa Verde. This well will be drilled on 20 acre spacing, as the general well location regulation has been vacated for this Wonsits Valley Unit. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirement.

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 04127294. The principal is QEP Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Uinta	Surface
Green River	2,625'
Mahogany	3,488'
Wasatch	5,955'
Mesaverde	9,195'
Sego	11,295'
TD	11,400'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<b><u>Substance</u></b>	<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Gas	Wasatch	5,955'
Gas	Mesaverde	9,195'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of the State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

3. **Operator's Specification for Pressure Control Equipment:**

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. **Casing Program**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	450'	36.0	J-55	STC	New
8-3/4"	7"	sfc	7,500'	26.0	N-80	LTC	New
6-1/8"	4-1/2"	sfc	11,400'	11.6	P-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	N-80	LTC	5,410 psi	7,240 psi	519,000 lb.
4-1/2"	11.6 lb.	P-110	LTC	7,580 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500' to TD  
GR-SP-Induction  
Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/Mesaverde interval, final determination of completion will be made by analysis of logs.  
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**14" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc - 450' (MD)**

**Lead/Tail Slurry:** 0' – 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**7" Intermediate Casing: sfc - 7,500' (MD)**

**Lead Slurry:** 0' – 5,500'. 315 sks (1215 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 5,500' – 7,500'. 365 sks (455 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

**4-1/2" Production Casing: sfc - 11,400' (MD)**

**Lead Slurry:** 0' - 5,500'. 150 sks (575 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 4-1/2" casing inside 7" casing.

**Tail Slurry:** 5,500' – 11,400'. 760 sks (945 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% excess in open hole section.

DRILLING PROGRAM

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

**8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 6,225 psi. Maximum anticipated bottom hole temperature is 160° F.

**9. Surface is owned by the Ute Indian Tribe.**

**Lessee's or Operator's Representative:**

Jan Nelson  
Red Wash Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

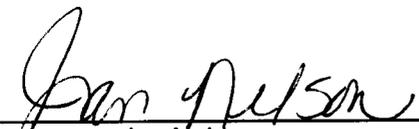
**Certification:**

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

QEP Uinta Basin, Inc. fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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 exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. 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.

  
\_\_\_\_\_  
Jan Nelson  
Red Wash Representative

03-Mar-06  
\_\_\_\_\_  
Date

# QUESTAR EXPLR. & PROD.

## WV #15CML-16-8-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 16, T8S, R21E, S.L.B.&M.

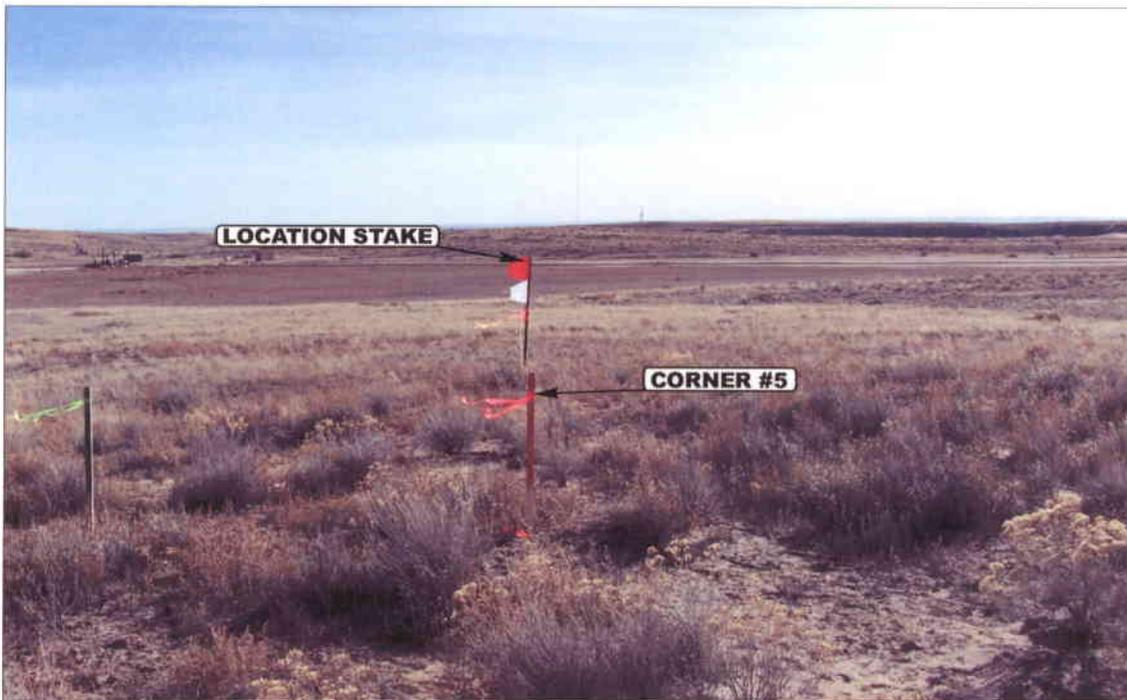


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

01 09 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: C.P.

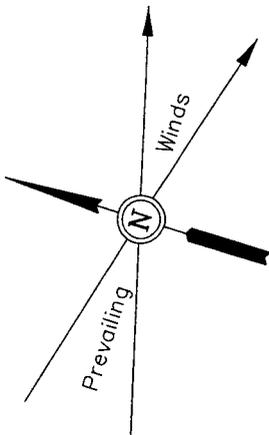
REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

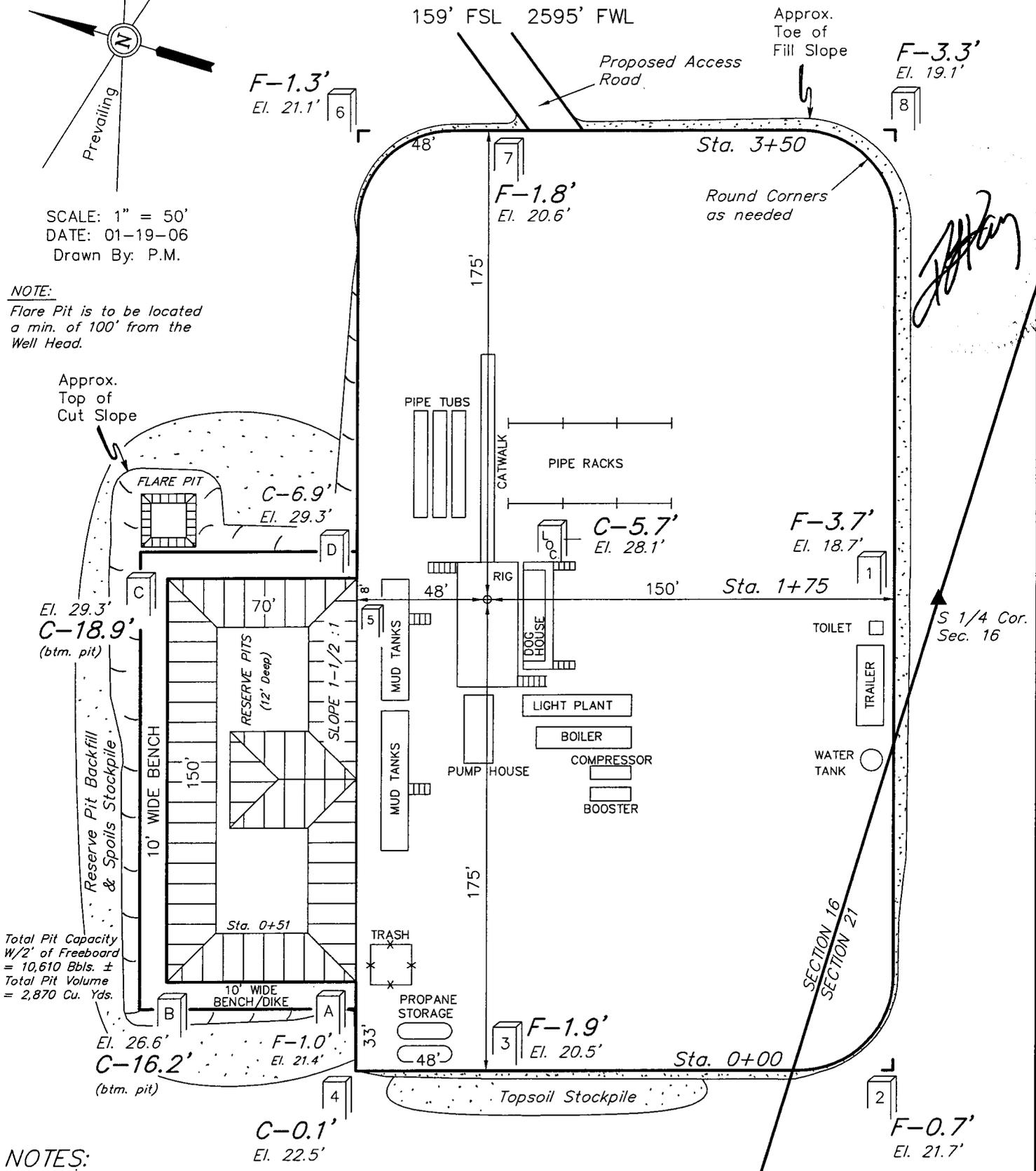
WV #15CML-16-8-21  
SECTION 16, T8S, R21E, S.L.B.&M.  
159' FSL 2595' FWL



SCALE: 1" = 50'  
DATE: 01-19-06  
Drawn By: P.M.

NOTE:

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



Total Pit Capacity  
W/2' of Freeboard  
= 10,610 Bbls. ±  
Total Pit Volume  
= 2,870 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4728.1'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4722.4'

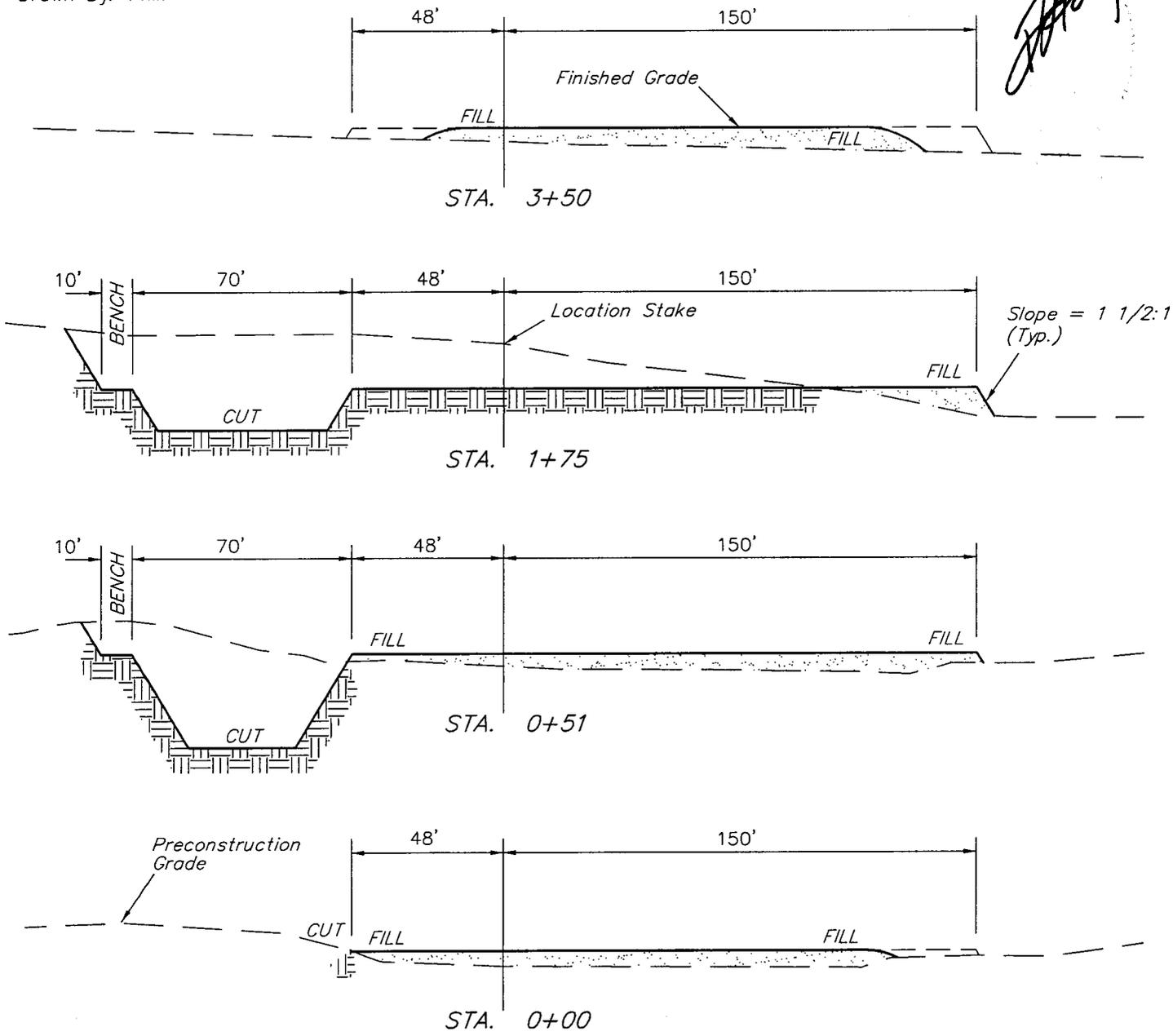
QUESTAR EXPLR. & PROL.

FIGURE #2

X-Section Scale  
1" = 50'

TYPICAL CROSS SECTIONS FOR  
WV #15CML-16-8-21  
SECTION 16, T8S, R21E, S.L.B.&M.  
159' FSL 2595' FWL

DATE: 01-19-06  
Drawn By: P.M.

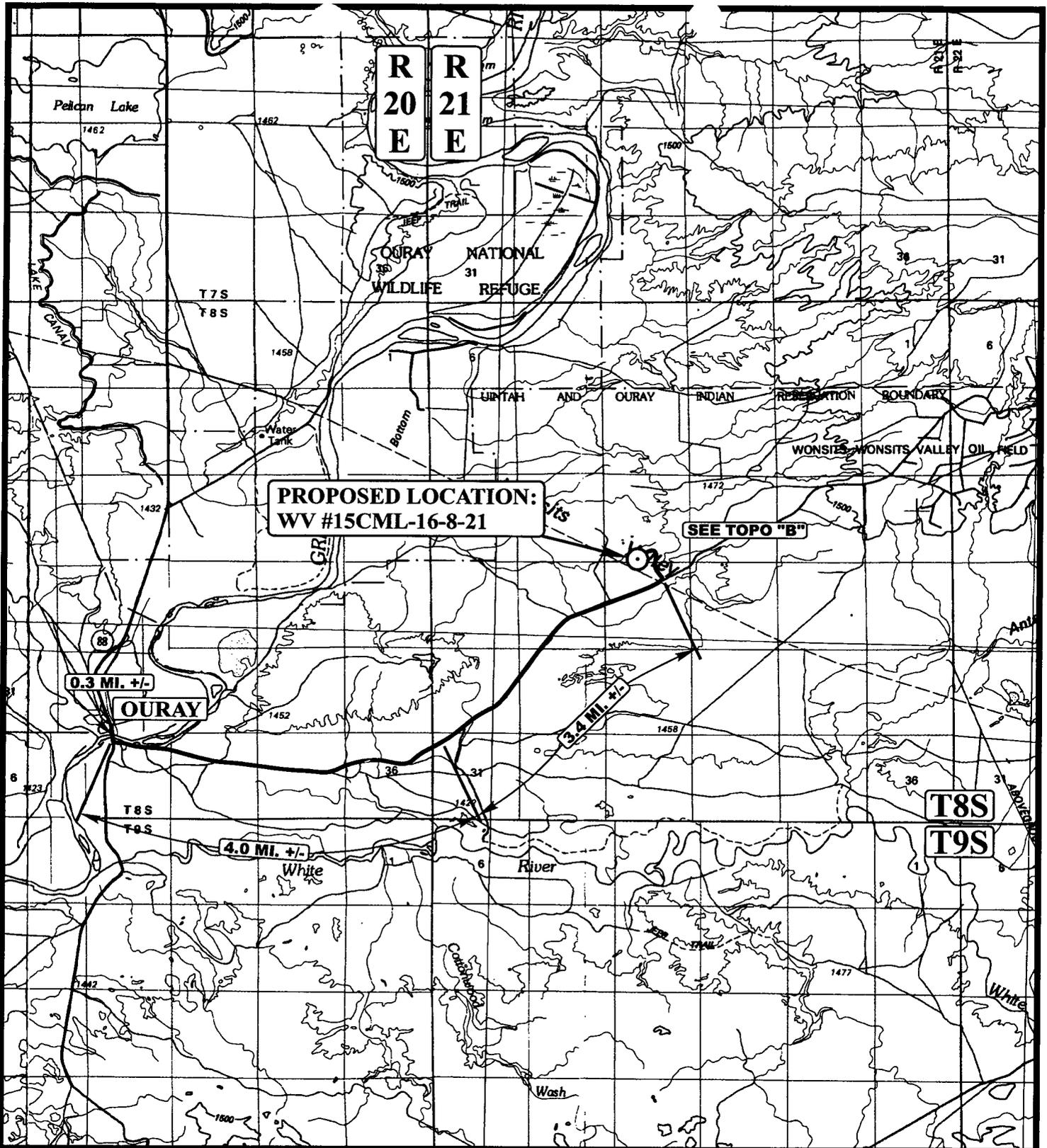


\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,420 Cu. Yds.
Remaining Location	= 6,760 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,180 CU.YDS.</b>
<b>FILL</b>	<b>= 5,320 CU.YDS.</b>

EXCESS MATERIAL	= 4,860 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,860 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**LEGEND:**

⊙ PROPOSED LOCATION



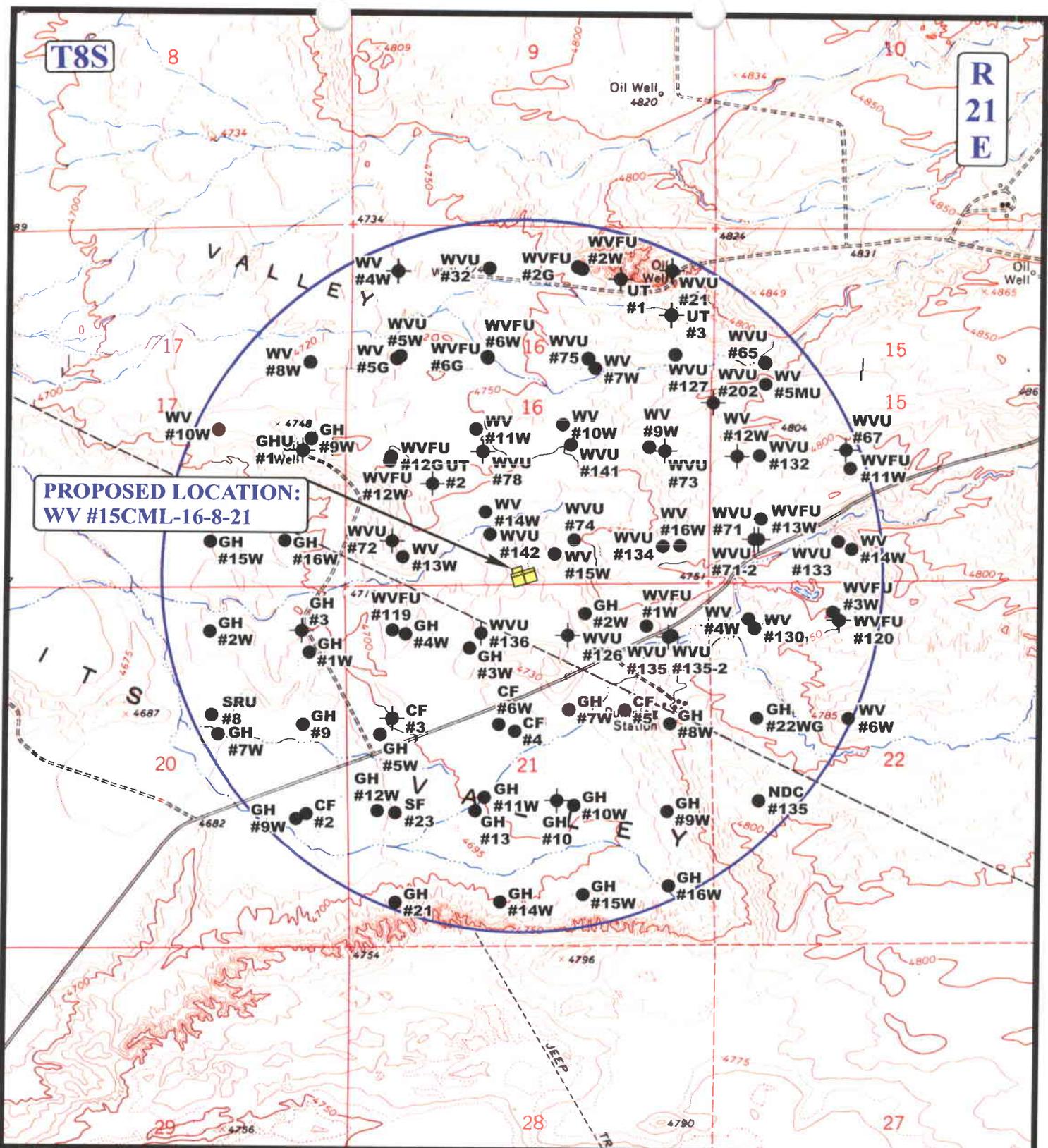
**QUESTAR EXPLR. & PROD.**

WV #15CML-16-8-21  
 SECTION 16, T8S, R21E, S.L.B.&M.  
 2595' FNL 159' EWL

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

**TOPOGRAPHIC MAP** 01 09 06  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00 **TOPO**





**PROPOSED LOCATION:  
WV #15CML-16-8-21**

**LEGEND:**

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

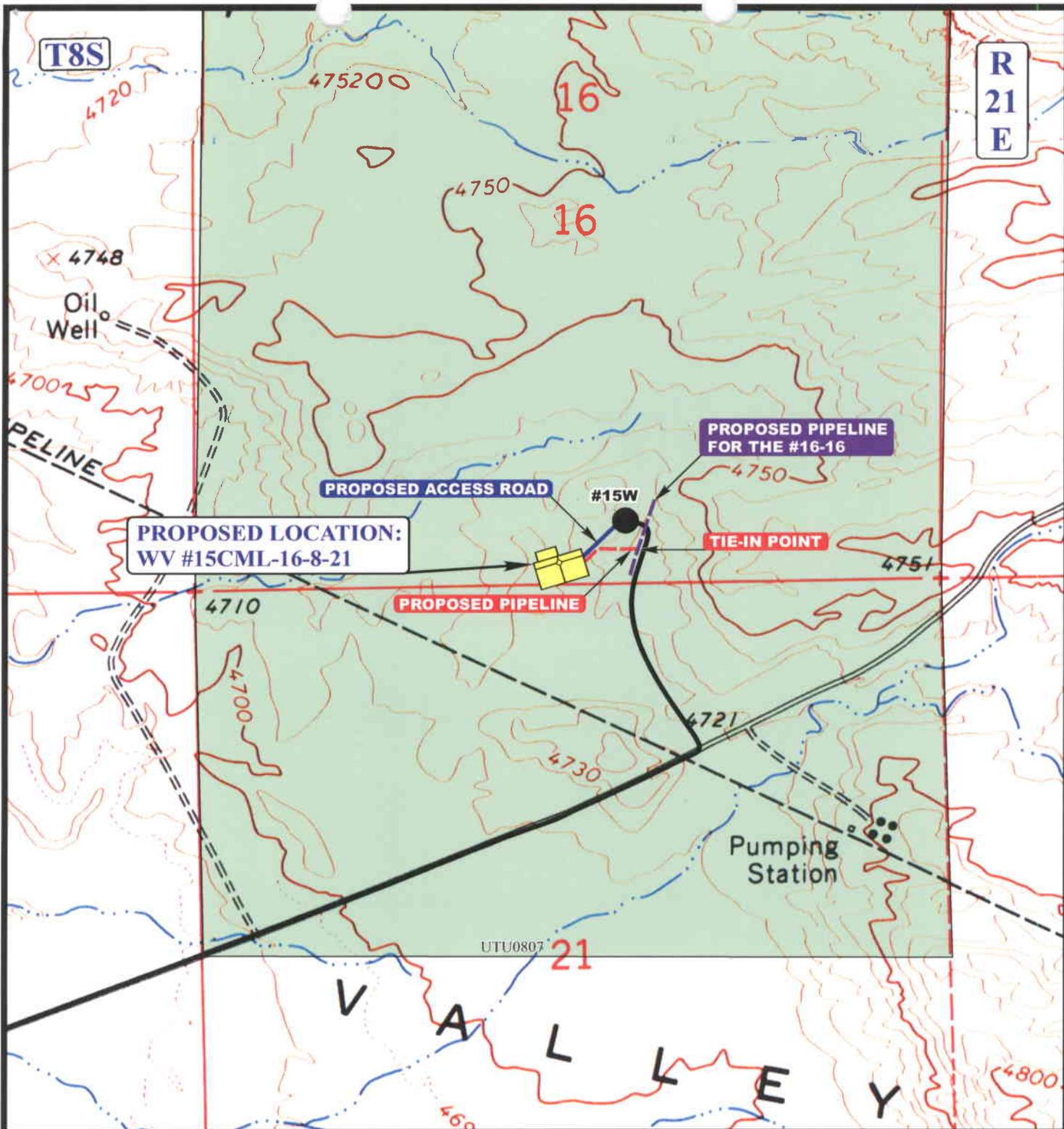
**QUESTAR EXPLR. & PROD.**

**WV #15CML-16-8-21  
SECTION 16, T8S, R21E, S.L.B.&M.  
2595' FNL 159' FWL**

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

**TOPOGRAPHIC MAP** 01 09 06  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 494' +/-**

**LEGEND:**

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

**QUESTAR EXPLR. & PROD.**

WV #15CML-16-8-21  
SECTION 16, T8S, R21E, S.L.B.&M.  
2595' FNL 159' FWL



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**TOPOGRAPHIC MAP** 01 09 06  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



**UNITED STATES GOVERNMENT  
MEMORANDUM**

DATE: March 27, 2006

REPLY TO  
ATTN OF: Superintendent, Uintah & Ouray Agency

SUBJECT: APD Concurrence for QUESTAR EXPLORATION & PRODUCTION CO.

TO: Bureau of Land Management, Vernal District Office  
Attn: Minerals and Mining Division

**We recommend approval of the Application for Permit to Drill (APD) for a drill site, access road and pipeline with required stipulations:**

**TOWNSHIP 8 SOUTH, RANGE 21 EAST, S.L.B.&M.**

ROW No.	Well Name	Legal Descriptions	Sec	Twn	Rng	ROW Type
H62-2006-113	WV 12DML-16-8-21	SW/4	16	8 South	21 East	WS/AR
H62-2006-114	WV 12DML-16-8-21	NE/4SW/4	16	8 South	21 East	Pipeline
H62-2006-115	WV 15CML-16-8-21	SE/4SW/4, SW/4SE/4 (16); NE/4NW/4 (17)	16, 21	8 South	21 East	WS/AR
H62-2006-116	WV 15CML-16-8-21	SW/4SE/4	16	8 South	21 East	Pipeline
H62-2006-117	WV 15DML-16-8-21	S/2SE/4 (16); N/2NE/4 (21)	16, 21	8 South	21 East	WS/AR
H62-2006-118	WV 15DML-16-8-21	SW/4SE/4 (16); NW/4NE/4 (21)	16, 21	8 South	21 East	Pipeline
H62-2006-119	WV 12BML-16-8-21	SW/4NW/4 (16); SE/4NE/4 (17)	16, 17	8 South	21 East	WS/AR

377  
43-647-  
43-647-3787

Based on available information received during the *Site Specific On-Site Inspection (attached)* the proposed location was cleared in the following areas of environmental impact.

YES		NO	X	Listed threatened endangered species
YES		NO	X	Critical wildlife habitat
YES		NO	X	Archaeological or cultural resources
YES		NO		Air quality aspects (to be used only if Project is in or adjacent to a Class I area)

**Enclosed is a copy of the BIA's Environmental Analysis (EA) concurred and signed by the Ute Indian Tribe. Please refer to item 6.0 for Mitigation Stipulations as well as any applicable stipulations in 10.0 for Additional Stipulations**

REMARKS: The Ute Tribe Energy & Minerals (E&M) Department also requires that all companies adhere to the following criteria, during and after, all phases of construction activities.

*Christopher A. Mills*

**RECEIVED**

**APR 03 2006**

Cc: UIT EMRD  
Agency/Branch Chrono  
ROW File: As Listed

DIV. OF OIL, GAS & MINING

# GRANT OF EASEMENT FOR RIGHT-OF-WAY

**ROW Serial No. H62-2006-115**

BIA TRANSACTION NO.: 687-13-00115-06

Well Site & Access Road - **WV 15CML-16-8-21**

**Page 1 of 2**

## KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

**ZERO, (\$0.00) – As per the terms and conditions contained in the Questar Corporation Surface Use and Access Concession Agreement, effective January 1, 2005**; which is acknowledged, does hereby grant to:

**Questar Exploration & Production Co., 11002 E. 17500 S., Vernal, Utah 84078**

Its successors and assignees hereinafter referred to as "Grantee" an easement for right-of-way.

In accordance with the attached survey plat: **For the WV 15CML-16-8-21 G.L.O. Plat No. 44308 dated 01/19/2006 for Section 16 & 21, Township 8 South, Range 21 East, S.L.B.&M. for the following:**

**Well Site:** Located in the SE/4SW/4, SW/4SE/4 of Section 16; NE/4NW/4, NW/4NE/4 of Section 21, being 2.859 acres, more or less,  
**Access Road:** Located in the SW/4SE/4 of Section 16, being 142.24' in length, and 30' in width, and being 0.098 acres, m/l,  
Total ROW acreage 2.957, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **WV 15CML-16-8-21** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **March 27, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

**RECEIVED**

**APR 03 2006**

**COPY** DIV. OF OIL, GAS & MINING

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **27<sup>th</sup>** day of **March, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 an any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA  
U.S. Department of the Interior  
Uintah & Ouray Agency  
Fort Duchesne, UT 84026

By: *Chester D. Mills*  
Superintendent

**ACKNOWLEDGEMENT OF SUPERINTENDENT**

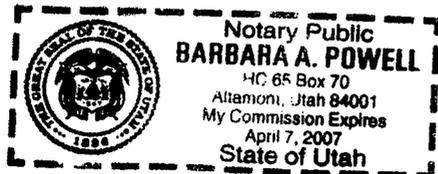
STATE OF UTAH                    )  
  )ss  
COUNTY OF UINTAH            )

The foregoing instrument was acknowledged before me this **27<sup>th</sup>** day of **March, 2006**, by **Chester D. Mills**, Superintendent for the Bureau of Indian Affairs, Uintah & Ouray Agency.

Witness my hand and official seal.

*Barbara A. Powell*  
Notary Public

My Commission Expires: April 7, 2007



*[Handwritten initials]*

# ENVIRONMENTAL ANALYSIS SITE SPECIFIC

**WELL NO: WV 15CML-16-8-21**

**Legal Description:**

**Surface: SESW, SECTION 16, T8S, R21E**

**COMPANY: QEP UINTA BASIN, INC.**

**Date: 2-24-06**

STIPS

Ho2-706-115

### 1.0 - PROPOSED ACTION

<input checked="" type="checkbox"/>	ROAD ACCESS	# of feet	142.24' feet
<input checked="" type="checkbox"/>	WELL PAD	# of feet	2.859 acres
<input checked="" type="checkbox"/>	PIPELINE	# of feet	462.06' feet
<input type="checkbox"/>	POWERLINE	# of feet	
<input type="checkbox"/>	CORRIDOR ROW	# of feet	
<input type="checkbox"/>	Other		

Notes:

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### 2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

### 3.0 - SITE SPECIFIC SURVEY

#### A. SITE DESCRIPTION

1. Elevation (feet)	4722.4' GR		
2. Annual precipitation (inches)	6" TO 8"		
3. Topography	gently rolling		
4. Soil	sandy loam - sand		
5. Est. Infiltration Rate	Low	<input checked="" type="checkbox"/> Moderate	High

COPY

B. VEGETATION

1. Habitat type is:	desert shrub						
2. Percent Ground Cover:	4570						
3. Vegetation consists of:	30%	Grasses	5%	Shrubs	5%	Forbs	% Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input type="checkbox"/>	Indian rice	<input checked="" type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input type="checkbox"/>	Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quaters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input checked="" type="checkbox"/>	asters	<input type="checkbox"/>		<input type="checkbox"/>	None

Trees consist of:

<input type="checkbox"/>	Pinion pine	<input type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Observed T&E species:	none
5. Potential For T&E species:	none
6. Observed Noxious Weeds:	Russian thistle

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input type="checkbox"/> Elk	<input checked="" type="checkbox"/> Mule Deer	<input checked="" type="checkbox"/> Antelope	<input type="checkbox"/> Other:
2. Small Game	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input type="checkbox"/> Dove	<input type="checkbox"/> Quail	<input type="checkbox"/> Other
3. Raptors	<input type="checkbox"/> Golden Eagles	<input type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/> Cattle	<input type="checkbox"/> Coyote	<input checked="" type="checkbox"/> Fox	<input checked="" type="checkbox"/> Other Horses
	<input checked="" type="checkbox"/> Song birds	<input checked="" type="checkbox"/> Black Tail Jack Rabbit		Ground Squirrels
5. T&E Species	<input type="checkbox"/> none			

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	3.275
Irrigable land	0
Non-Irrigable land	3.275
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

**3.3 - CULTURAL RESOURCES**

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 1-24-2006.  
Company Name Date

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant
  UT Technician
  BIA Representative

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

**4.0 - ENVIRONMENTAL IMPACTS**

A. SURFACE ALTERATIONS:

	Acres
1. Access road	0.098
2. Well site	2.859
3. Pipeline right-of-way	0.318
4. Total area disturbed	3.275

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	<i>none</i>
3. Potential impacts to T&E species:	<i>none</i>

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

## D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

## 5.0 - MITIGATION STIPULATIONS

### A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

### B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

### C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

### D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

### E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

## F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

## 6.0 - UNAVOIDABLE ADVERSE IMPACTS

### A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

### B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

### C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources; once they have been removed they can never be replaced.

## 7.0 - CUMULATIVE IMPACTS

### A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

## 8.0 - NEPA COMPLIANCE

### A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	N. Martenson
Critical wildlife habitat	N. Martenson
Historical and cultural resources	MARC

## 9.0 - REMARKS

### A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

## 10.0 - ADDITIONAL STIPULATIONS

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understand that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- **The Company shall assure the Ute Tribe that 'ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC.' have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.**
- **You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.**
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing, and will receive written authorization of any such change with appropriate authorization.
- The company will implement "Safety and Emergency Plan". The Company's safety director will ensure its compliance.
- All company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**Additional Stipulations:**

- ① Do not damage section corner marker near corner #1.
- ② If necessary to prevent erosion, use rock and gravel to stabilize soil.

**11.0 - RECOMMENDATIONS**

**A. APPROVAL/DISAPPROVAL**

We recommend  APPROVAL  DISAPPROVAL of the proposed action as outlined in item 1.0 above.

Date: 2/24/2006

[Signature]  
 UT Energy & Minerals Technician  
 Ute Indian Tribe

Date: 3/3/06

[Signature]  
 Lynn Becker, Land Division Manager  
 UT Energy & Minerals Department

Date: 2/24/2006

[Signature]  
 BIA Representative  
 Uintah and Ouray Agency

**11.0 - DECLARATION**

**A. APPROVAL**

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 03/13/06

[Signature]  
 Superintendent, Uintah and Ouray Agency

**12.0 - CONSULTATION**

**A. REPRESENTATIVES/ORGANIZATION**

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC	Jan Nelson	JN
QEP UINTA BASIN INC		

# GRANT OF EASEMENT FOR RIGHT-OF-WAY

**ROW Serial No. H62-2006-116**  
BIA TRANSACTION NO.: 687-13-00116-06  
Pipeline - **WV 15CML-16-8-21**  
Page 1 of 2

## KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

**ZERO, (\$0.00) – As per the terms and conditions contained in the Questar Corporation Surface Use and Access Concession Agreement, effective January 1, 2005;** which is acknowledged, does hereby grant to:

**Questar Exploration & Production Co., 11002 E. 17500 S., Vernal, Utah 84078**

Its successors and assignees hereinafter referred to as "Grantee" an easement for right-of-way.

In accordance with the attached survey plat: **For the WV 15CML-16-8-21 G.L.O. Plat No. 44309 dated 01/19/2006 for Section 16, Township 8 South, Range 21 East, S.L.B.&M. for the following:**

**Pipeline: Located in the SW/4SE/4 of Section 16, being 462.06' in length, and 30' in width, and being 0.318 acres, m/l, Total ROW acreage 0.318, m/l**

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **WV 15CML-16-8-21** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **March 27, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

**RECEIVED**

**APR 03 2006**

DIV. OF OIL, GAS & MINING

**COPY**

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **27th** day of **March, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 an any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA  
U.S. Department of the Interior  
Uintah & Ouray Agency  
Fort Duchesne, UT 84026

By: *Chester D. Mills*  
Superintendent

**ACKNOWLEDGEMENT OF SUPERINTENDENT**

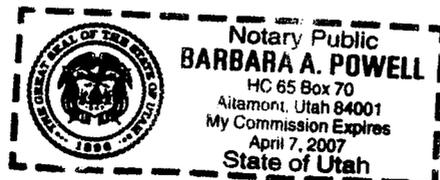
STATE OF UTAH                    )  
  )ss  
COUNTY OF UINTAH         )

The foregoing instrument was acknowledged before me this **27<sup>th</sup>** day of **March, 2006**, by **Chester D. Mills**, Superintendent for the Bureau of Indian Affairs, Uintah & Ouray Agency.

Witness my hand and official seal.

*Barbara A. Powell*  
Notary Public

My Commission Expires: *April 7, 2007*



*AMS*

# ENVIRONMENTAL ANALYSIS SITE SPECIFIC

**WELL NO: WV 15CML-16-8-21**

**Legal Description:**

**Surface: SESW, SECTION 16, T8S, R21E**

**COMPANY: QEP UINTA BASIN, INC.**

**Date: 2-24-06**

STIPS

#62-2006-116

### 1.0 - PROPOSED ACTION

<input checked="" type="checkbox"/>	ROAD ACCESS	# of feet	142.24' feet
<input checked="" type="checkbox"/>	WELL PAD	# of feet	2.859 acres
<input checked="" type="checkbox"/>	PIPELINE	# of feet	462.06' feet
<input type="checkbox"/>	POWERLINE	# of feet	
<input type="checkbox"/>	CORRIDOR ROW	# of feet	
<input type="checkbox"/>	Other		

Notes:

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### 2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

### 3.0 - SITE SPECIFIC SURVEY

#### A. SITE DESCRIPTION

1. Elevation (feet)	4722.4' GR		
2. Annual precipitation (inches)	6" TO 8"		
3. Topography	gently rolling		
4. Soil	sandy loam - sand		
5. Est. Infiltration Rate	<input type="checkbox"/> Low	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High

COPY

B. VEGETATION

1. Habitat type is:	desert shrub							
2. Percent Ground Cover:	4570							
3. Vegetation consists of:	30%	Grasses	5%	Shrubs	5%	Forbs	%	Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input type="checkbox"/>	Indian rice	<input checked="" type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input type="checkbox"/>	Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quaters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input checked="" type="checkbox"/>	asters	<input type="checkbox"/>		<input type="checkbox"/>	None

Trees consist of:

<input type="checkbox"/>	Pinion pine	<input type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
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4. Observed T&E species:	none
5. Potential For T&E species:	none
6. Observed Noxious Weeds:	Russian thistle

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input type="checkbox"/> Elk	<input checked="" type="checkbox"/> Mule Deer	<input checked="" type="checkbox"/> Antelope	<input type="checkbox"/> Other:
2. Small Game	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input type="checkbox"/> Dove	<input type="checkbox"/> Quail	<input type="checkbox"/> Other
3. Raptors	<input type="checkbox"/> Golden Eagles	<input type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/> Cattle	<input type="checkbox"/> Coyote	<input checked="" type="checkbox"/> Fox	<input checked="" type="checkbox"/> Other Horses
	<input checked="" type="checkbox"/> Song birds	<input checked="" type="checkbox"/> Black Tail Jack Rabbit		Ground squirrels
5. T&E Species	<input type="checkbox"/> none			

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	3.275
Irrigable land	0
Non-Irrigable land	3.275
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

**3.3 - CULTURAL RESOURCES**

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 1-24-2006.  
Company Name Date

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant

UT Technician

BIA Representative

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

**4.0 - ENVIRONMENTAL IMPACTS**

A. SURFACE ALTERATIONS:

	Acres
1. Access road	0.098
2. Well site	2.859
3. Pipeline right-of-way	0.318
4. Total area disturbed	3.275

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	<i>none</i>
3. Potential impacts to T&E species:	<i>none</i>

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

## D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

## 5.0 - MITIGATION STIPULATIONS

### A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

### B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

### C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

### D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

### E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

#### F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

### 6.0 - UNAVOIDABLE ADVERSE IMPACTS

#### A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

#### B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

#### C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources; once they have been removed they can never be replaced.

### 7.0 - CUMULATIVE IMPACTS

#### A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

## 8.0 - NEPA COMPLIANCE

### A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	N. Montenson
Critical wildlife habitat	N. Montenson
Historical and cultural resources	MAOC

## 9.0 - REMARKS

### A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

## 10.0 - ADDITIONAL STIPULATIONS

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understand that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- **The Company shall assure the Ute Tribe that 'ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONSTRUCTORS, AND ETC.' have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.**
- **You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.**
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing, and will receive written authorization of any such change with appropriate authorization.
- The company will implement "Safety and Emergency Plan". The Company's safety director will ensure its compliance.
- All company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**Additional Stipulations:**

① Do not damage section corner marker near corner #1.
② If necessary to prevent erosion, use rock and gravel to stabilize soil.

**11.0 - RECOMMENDATIONS**

**A. APPROVAL/DISAPPROVAL**

We recommend  APPROVAL  DISAPPROVAL of the proposed action as outlined in item 1.0 above.

Date: 2/24/2006

  
 UT Energy & Minerals Technician  
 Ute Indian Tribe

Date: 3/3/06

  
 Lynn Becker, Land Division Manager  
 UT Energy & Minerals Department

Date: 2/24/2006

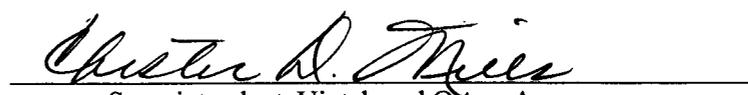
  
 BIA Representative  
 Uintah and Ouray Agency

**11.0 - DECLARATION**

**A. APPROVAL**

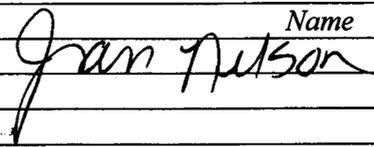
It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 03/03/06

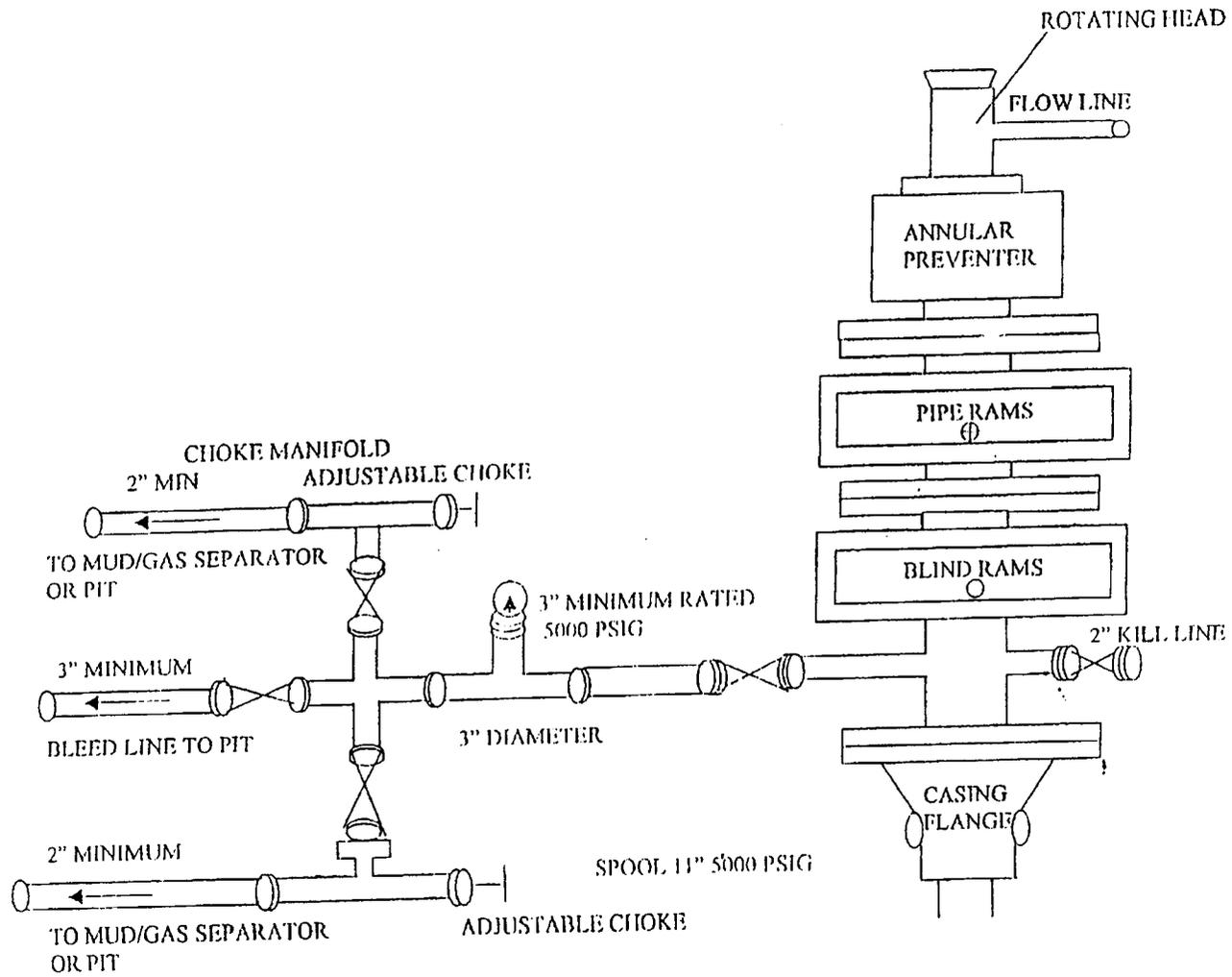
  
 Superintendent, Uintah and Ouray Agency

**12.0 - CONSULTATION**

**A. REPRESENTATIVES/ORGANIZATION**

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC		JN
QEP UINTA BASIN INC		

5000 PSIG DIAGRAM



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/08/2006

API NO. ASSIGNED: 43-047-37871

WELL NAME: WV 15CML-16-8-21

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

SESW 16 080S 210E

SURFACE: 0159 FSL 2595 FWL

BOTTOM: 0159 FSL 2595 FWL

COUNTY: UINTAH

LATITUDE: 40.11647 LONGITUDE: -109.5591

UTM SURF EASTINGS: 622791 NORTHINGS: 4441469

FIELD NAME: WONSITS VALLEY ( 710 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DCCD	3/21/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-2237

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 965003033 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 36125 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

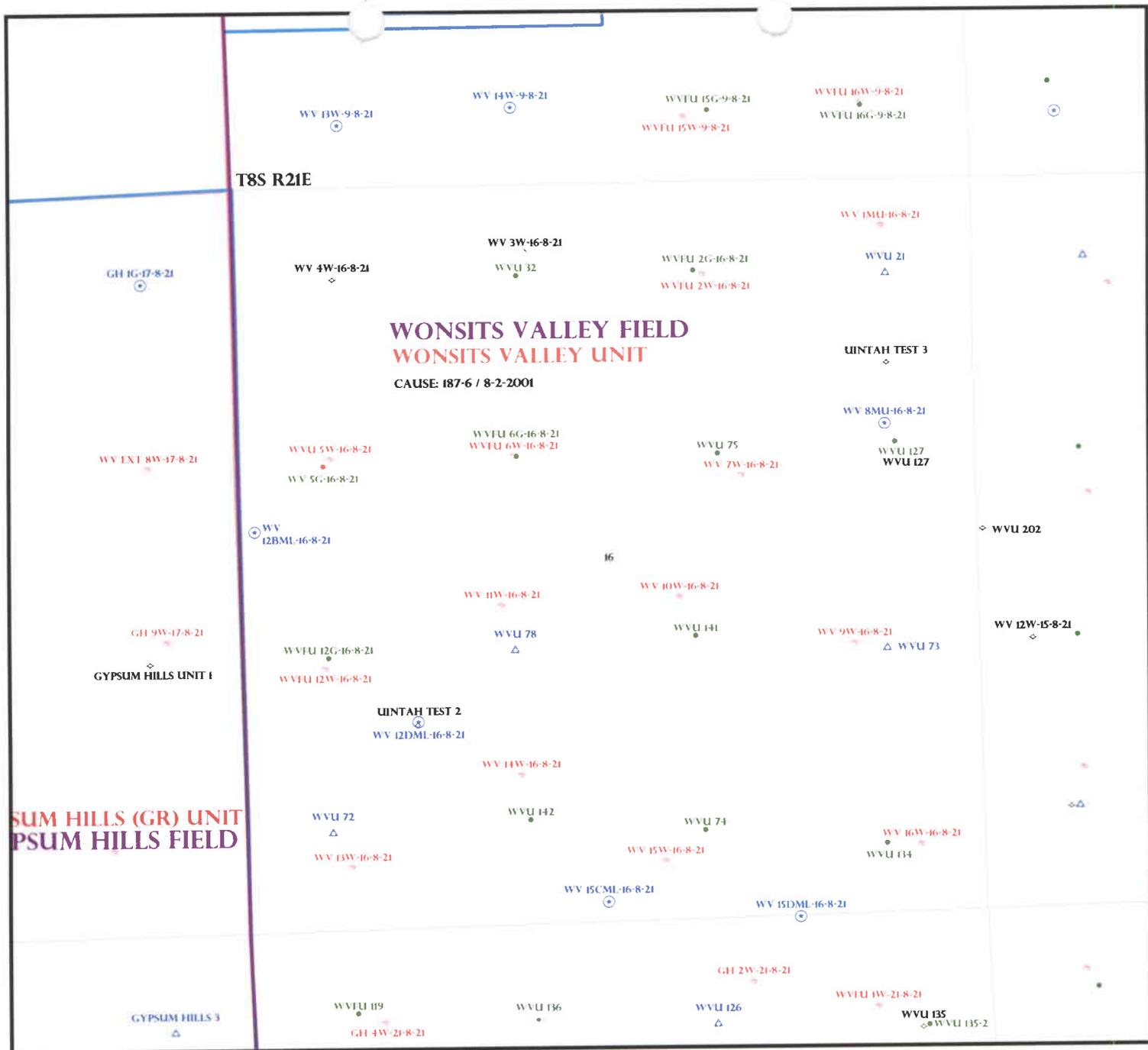
LOCATION AND SITING:

- \_\_\_ R649-2-3.
- Unit: WONSITS VALLEY
- \_\_\_ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit
- Board Cause No: 187-04
- Eff Date: 8-2-2001
- Siting: Sussex General Siting
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval  
2- STATEMENT OF BASIS



**OPERATOR: QEP UINTA BASIN INC (N2460)**  
**SEC: 16 T. 8S R. 21E**  
**FIELD: WONSITS VALLEY (710)**  
**COUNTY: UINTAH**  
**CAUSE: 187-6 / 8-2-2001**

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

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



**PREPARED BY: DIANA WHITNEY**  
**DATE: 13-MARCH-2006**

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

**OPERATOR:** QEP  
**WELL NAME & NUMBER:** WV 15CML-16-8-21  
**API NUMBER:** 43-047-37871  
**LOCATION:** 1/4,1/4 SE/SW Sec: 16 TWP: 8S RNG: 21E 716' FWL 2021' FNL

**Geology/Ground Water:**

QEP proposes to set 450' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 200'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water at this location.

**Reviewer:** Brad Hill **Date:** 04/13/06

**Surface:**

Surface rights at the proposed location are owned by the Ute Indian Tribe. <sup>QEP</sup> Shenandoah is responsible for obtaining any rights-of-way or surface permits needed from the Ute Tribe.

**Reviewer:** Brad Hill **Date:** 04/13/06

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

None.

Casing Schematic

Intita

Surface

9-5/8"  
MW 8.4  
Frac 19.3

TOC @  
0.  
Surface  
450. MD

✓ w/17% Washout

BHP

$$(0.052)(11,400)(10.5) = 6224$$

Anticipate 6225

2625 Green River

4296  
Detail

✓ w/18% Washout

G<sub>10</sub>

$$(0.12)(11,400) = 1368$$

MAASP 4856

5441 TOC Tail

5455 Watch

BOPE - 5,000 ✓

Surf csg - 3520

$$70\% = 2464$$

Max pressure @ Surf csg shoe = 2154  
7" MW 9.5  
Frac 19.3

✓ Test to 2100# (Surf - 1959#)

Intermediate  
7500. MD

✓ w/19% Washout

Int csg - 7240

$$70\% = 5068$$

Max pressure @ ~~Surf~~ Int csg shoe = 5366

✓ Test to 5068# (Surf - 1821#)

9195 Mesaverde

✓ Adequate

(DCC) 3/21/CE

4-1/2"  
MW 10.5

Production  
11400. MD

Well name:	<b>03-06 QEP WV 15CML-16-8-21</b>	
Operator:	<b>Questar Exploration and Production</b>	
String type:	Surface	Project ID: 43-047-37871
Location:	Uintah County	

**Design parameters:**

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

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 71 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

**Burst:**  
Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface pressure: 396 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 450 psi

**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.

No backup mud specified.

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

**Re subsequent strings:**  
Next setting depth: 7,500 ft  
Next mud weight: 9.500 ppg  
Next setting BHP: 3,701 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 450 ft  
Injection pressure 450 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	450	9.625	36.00	J-55	ST&C	450	450	8.796	32
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	196	2020	10.287	450	3520	7.82	14	394	27.77 J

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

Phone: 801-538-5280  
FAX: 810-359-3940

Date: March 14, 2006  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 450 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>03-06 QEP WV 15CML-16-8-21</b>	
Operator:	<b>Questar Exploration and Production</b>	
String type:	Intermediate	Project ID: 43-047-37871
Location:	Uintah County	

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 4,850 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 5,750 psi  
  
No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 6,425 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 170 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 450 ft

Cement top: 1 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 11,400 ft  
Next mud weight: 10.500 ppg  
Next setting BHP: 6,218 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 7,500 ft  
Injection pressure: 7,500 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 (ft <sup>3</sup> )
1	7500	7	26.00	N-80	LT&C	7500	7500	6.151	393.2
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	3701	5410	1.462	5750	7240	1.26	167	519	3.11 J

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

Phone: 801-538-5280  
FAX: 810-359-3940

Date: March 14, 2006  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7500 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>03-06 QEP WV 15CML-16-8-21</b>	
Operator:	<b>Questar Exploration and Production</b>	Project ID:
String type:	Production	43-047-37871
Location:	Uintah County	

**Design parameters:**

**Collapse**

Mud weight: 10.500 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: 225 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 4,850 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 6,218 psi

No backup mud specified.

**Tension:**

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

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,611 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	11400	4.5	11.60	P-110	LT&C	11400	11400	3.875	264.2
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	6218	7580	1.219	6218	10690	1.72	111	279	2.50 J

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

Phone: 801-538-5280  
 FAX: 810-359-3940

Date: March 14, 2006  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 11400 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

April 13, 2006

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: Wonsits Valley 15CML-16-8-21 Well, 159' FSL, 2595' FWL, SE SW, Sec. 16,  
T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37871.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** Wonsits Valley 15CML-16-8-21  
**API Number:** 43-047-37871  
**Lease:** ML-2237

**Location:** SE SW                      **Sec.** 16                      **T.** 8 South                      **R.** 21 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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

CONFIDENTIAL

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**QEP, UINTA BASIN, INC.**

3. Address and Telephone No. Contact: Dahn.Caldwell@questar.com  
**11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SESW, 159' FSL, 2595' FWL, SEC 16-T8S-R21E**

5. Lease Designation and Serial No.  
**ML-2237**

6. If Indian, Allottee or Tribe Name  
**UTE TRIBE**

7. If Unit or CA, Agreement Designation  
**WONSITS VALLEY UNIT**

8. Well Name and No.  
**WV 15CML 16 8 21**

9. API Well No.  
**43-047-37871**

10. Field and Pool, or Exploratory Area  
**WONSITS VALLEY**

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**On 5/9/06 - Drilled 75' of 20" conductor hole. Set 80' of 14" conductor pipe extends 61" above ground. Cement w/ Ready Mix.**

RECEIVED  
MAY 26 2006

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed Dahn F. Caldwell Title Office Administrator II Date 5/22/06

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

CONFIDENTIAL

Title 18 U.S.C. Section 1001, makes 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.

OPERATOR: **QEP Uinta Basin, Inc.**  
ADDRESS: **11002 East 17500 South  
Vernal, Utah 84078-8526**

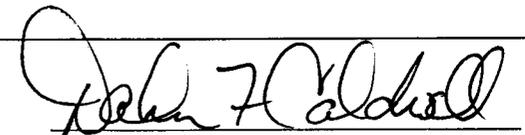
OPERATOR ACCT. No. N-2460

**(435)781-4300**

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	14864	43-047-37871	WV 15CML 16 8 21	SESW	16	8S	21E	Uintah	5/9/06	5/31/06
WELL 1 COMMENTS: <i>mVRD = wsmvm</i>										CONFIDENTIAL K	
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

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

  
Signature

Office Administrator II                      5/24/06  
Title    Date

Phone No. **(435)781-4342**

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89) RECEIVED  
MAY 26 2006

**CONFIDENTIAL**

FORM 9

**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 wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2237
2. NAME OF OPERATOR: QEP UINTA BASIN, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: WONSITS VALLEY UNIT
PHONE NUMBER: (435) 781-4331		8. WELL NAME and NUMBER: WV 15CML-16-8-21
4. LOCATION OF WELL FOOTAGES AT SURFACE: 159' FSL 2595' FWL		9. API NUMBER: 4304737871
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 16 8S 21E		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
COUNTY: UINTAH		
STATE: UTAH		

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
QEP Uinta Basin, Inc. has the need to change surface casing pipe from 450' to 1600'. Drill 8 3/4" hole to TD, run intermediate if needed.  
Please see revised plan.

*06/09/06*  
*CRD*

NAME (PLEASE PRINT) <u>Jan Nelson</u>	TITLE <u>Regulatory Affairs</u>
SIGNATURE <u>Jan Nelson</u>	DATE <u>5/1/2006</u>

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 5/8/06  
BY: D. K. [Signature]  
(See Instructions on Reverse Side)

(5/2000)

RECEIVED  
MAY 05 2006  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-2237</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>UTE TRIBE</b>
		7. UNIT or CA AGREEMENT NAME: <b>WONSITS VALLEY UNIT</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>WV 15CML-16-8-21</b>	
2. NAME OF OPERATOR: <b>QEP UINTA BASIN, INC</b>		9. API NUMBER: <b>4304737871</b>
3. ADDRESS OF OPERATOR: <b>11002 E. 17500 S.</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>	PHONE NUMBER: <b>(435) 781-4331</b>	10. FIELD AND POOL, OR WILDCAT: <b>UNDESIGNATED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>159' FSL 2595' FWL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 16 8S 21E</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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input 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
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	<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.

**QEP Uinta Basin, Inc. has the need to change surface casing pipe from 450' to 1600'. Drill 8 3/4" hole to TD, run intermediate if needed.**

**Please see revised plan.**

NAME (PLEASE PRINT) <u>Jan Nelson</u>	TITLE <u>Regulatory Affairs</u>
SIGNATURE _____	DATE <u>5/1/2006</u>

(This space for State use only)

**MAY 02 2006**

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Uinta	Surface
Green River	2,625'
Mahogany	3,488'
Wasatch	5,955'
Mesaverde	9,195'
Sego	11,295'
TD	11,400'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<b><u>Substance</u></b>	<b><u>Formation</u></b>	<b><u>Depth, TVD</u></b>
Gas	Wasatch	5,955'
Gas	Mesaverde	9,195'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

DRILLING PROGRAM

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment:**

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

**4. Casing Program**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	1600'	36.0	J-55	STC	New
8-3/4"	4-1/2"	sfc	11,400'	11.6	HCP-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
4-1/2"	11.6 lb.	HCP-110	LTC	8,650 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 11.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1600' to TD  
GR-SP-Induction  
Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/Mesaverde interval, final determination of completion will be made by analysis of logs.  
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**14" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc – 1,600' (MD)**

**Lead/Tail Slurry:** 0' – 1,600'. 855 sks (1,000 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**4-1/2" Production Casing: sfc - 11,400' (MD)**

**Lead Slurry:** 0' - 5,500'. 485 sks (1,865 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 25% excess in open hole section.

**Tail Slurry:** 5,500' – 11,400'. 1,690 sks (2,095 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 25% excess.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 6,800 psi. Maximum anticipated bottom hole temperature is 215° F.

Well name:	<b>05-06 QEP WV 15CML-16-8-21amd.</b>		
Operator:	<b>Questar Exploration and Production</b>		
String type:	Surface	Project ID:	43-047-37871
Location:	Uintah County		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 87 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,408 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,600 psi

No backup mud specified.

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 1,401 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 11,400 ft  
Next mud weight: 11.500 ppg  
Next setting BHP: 6,810 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,600 ft  
Injection pressure 1,600 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	1600	9.625	36.00	J-55	ST&C	1600	1600	8.796	113.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	698	2020	2.893	1600	3520	2.20	50	394	7.81 J

Prepared by: Dustin Doucet  
Utah Div. of Oil & Mining

Phone: 801-538-5281  
FAX: 810-359-3940

Date: May 5, 2006  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1600 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>05-06 QEP WV 15CML-16-8-21amd.</b>		
Operator:	<b>Questar Exploration and Production</b>		
String type:	Production	Project ID:	43-047-37871
Location:	Uintah County		

**Design parameters:**

**Collapse**

Mud weight: 11.500 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: 225 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 89 ft

**Burst**

Max anticipated surface pressure: 4,302 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 6,810 psi

No backup mud specified.

**Tension:**

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

Non-directional string.

Tension is based on buoyed weight.  
 Neutral point: 9,440 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	11400	4.5	11.60	HCP-110	LT&C	11400	11400	3.875	264.2

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	6810	8650	1.270	6810	10690	1.57	110	279	2.55 J

Prepared by: Dustin Doucet  
 Utah Div. of Oil & Mining

Phone: 801-538-5281  
 FAX: 810-359-3940

Date: May 5, 2006  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11400 ft, a mud weight of 11.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Casing Schematic

Surface

9-5/8"  
MW 8.4  
Frac 19.3

TOC @ 89.  
TOC @ 0.

Surface  
1600. MD

✓ w/178 washout

2625'  
GREEN RIVER

5455' washout

5500'  
TOC tail

✓ w/58 washout

9195'  
mesoverde

4-1/2"  
MW 11.5

Production  
11400. MD

$BHP = 6810 \text{ psi}$

Anticipate 6225 psi

Gas/mud

$(.22)(4460) = 2508 \text{ psi}$

$MASP = 4302 \text{ psi}$

$\text{Surf. casing} = 3520$

$708 = 2464 \text{ psi}$

$\text{Max pressure @ shoe} = 4654 \text{ psi}$

Anticipated = 4069 psi

Test to 2464 psi (propose 1500 psi)

(± 1770 psi surface pressure)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN DUPLICATE**

(See other instructions on reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
**ML-2237**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**UTE TRIBE**

7. UNIT AGREEMENT NAME  
**WONSITS VALLEY UNIT**

8. FARM OR LEASE NAME

9. WELL NO.  
**WV 15CML 16 8 21**

10. FIELD AND POOL, OR WILDCAT  
**WONSITS VALLEY**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 16 T8S R21E**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

**CONFIDENTIAL**

2. NAME OF OPERATOR  
**QEP UINTA BASIN, INC.**

3. ADDRESS OF OPERATOR  
**11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **SESW, 159' FSL, 2595' FWL, SEC 16 T8S R21E**

At top rod. interval reported below **SESW, 159' FSL, 2595' FWL, SEC 16 T8S R21E**

At total depth **SESW, 159' FSL, 2595' FWL, SEC 16 T8S R21E**

14. PERMIT NO. **43-047-37871** DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH **UINTAH** 13. STATE **UT**

15. DATE SPUDDED **5/9/06** 16. DATE T.D. REACHED **6/11/06** 17. DATE COMPL. (Ready to prod.) **8/2/06** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **11327'** 21. PLUG BACK T.D., MD & TVD **11030'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
**SEE ATTACHMENT PAGE 1 WSMVM**

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
 SPECTRAL DENSITY - DSN, HRI & GR/CBL

27. WAS WELL CORED  
**NO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	1630'	12-1/4"	370 SXS	
4-1/2"	11.6#	11312'	7-7/8"	2871 SXS	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6983'	

31. PERFORATION RECORD (Interval, size and number)  
**SEE ATTACHMENT PAGE 1**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>SEE ATTACHMENT PG 1</b>	<b>SEE ATTACHMENT PG 1</b>

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
<b>8/2/06</b>	<b>FLOWING</b>	<b>PRODUCING</b>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
<b>8/4/06</b>	<b>24</b>	<b>15</b>	<b>→</b>	<b>22</b>	<b>842</b>	<b>88</b>	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)
<b>1122</b>	<b>1504</b>	<b>→</b>				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**SOLD**

TEST WITNESSED BY **RECEIVED**

35. LIST OF ATTACHMENTS  
**PERFORATION DETAIL ATTACHMENT PAGE 1 & WELLPORING SCHEMATIC**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **JIM SIMONTON** TITLE **COMPLETION SUPERVISOR** DATE **9/12/06**

(See Instructions and Spaces for Additional Data on Reverse Side)

**CONFIDENTIAL**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
GREEN RIVER	2625'		
WASATCH	5955'		
MESA VERDE	9195'		
SEGO	11295'		
TD	11327'		

38. GEOLOGIC MARKERS  
WV 15CML 16 8 21

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
GREEN RIVER	2625'	
WASATCH	5955'	
MESA VERDE	9195'	
SEGO	11295'	
TD	11327'	

**CONFIDENTIAL**

**WV 15CML 16 8 21 – ATTACHMENT PAGE 1**

**PERFORATION DETAIL:**

<u>Open Perfs</u>	<u>Stimulation</u>	<u>Perf Status</u>
7035' – 7039' } 7040' – 7044' } 7041' – 7045' }	Frac w/ 55,500 Lbs in 24,360 Gals	Open – Wasatch Open – Wasatch Open – Wasatch
7197' – 7201' } 7240' – 7242' } 7279' – 7285' } 7382' – 7386' }	Frac w/ 105,500 Lbs in 42,252 Gals	Open – Wasatch Open – Wasatch Open – Wasatch Open – Wasatch
8166' – 8176' } 8560' – 8564' }	Frac w/ 51,000 Lbs in 24,486 Gals	Open – Wasatch Open – Wasatch
9742' – 9746' } 9896' – 9900' } 9980' – 9984' } 9996' – 10000' }	Frac w/ 75,000 Lbs in 54,600 Gals	Open – L Mesa Verde Open – L Mesa Verde Open – L Mesa Verde Open – L Mesa Verde
10716' – 10720' } 10810' – 10814' } 10952' – 10956' } 10966' – 10970' }	Frac w/ 147,300 Lbs in 74,508 Gals	Open – L Mesa Verde Open – L Mesa Verde Open – L Mesa Verde Open – L Mesa Verde
11100' – 11200'		Frac has been cancelled

FIELD: WONSITS VALLEY

GL: 4728' KBE: 4745'

Spud Date: 5/9/06 Completion Date: 8/2/06

Well: WV 15CML 16 8 21

TD: 11327' PBD: 11030'

Current Well Status: Flowing Gas Well

Location: SESW SEC 16-T8S-R21E

159' FSL, 2595' FWL

API#: 43-047-37871

Uintah County, Utah

Reason for Pull/Workover:

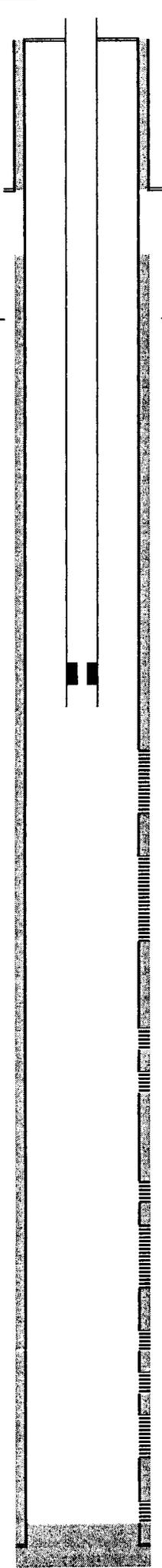
Initial Completion of Gas Well

Wellbore Schematic

Surface casing

Size: 9-5/8"
Weight: 36#
Grade: J-55
Cmtd w/ 370 sxs

Hole size: 12-1/4"
Set @ 1630' KB



TOC @ 4310'

EXCLUDED PERFS

OPEN PERFS

F Nipple @ 6951
EOT @ 6982

7035' - 7039' WASATCH
7040' - 7044' WASATCH
7041' - 7045' WASATCH

7197' - 7201' WASATCH
7240' - 7242' WASATCH
7279' - 7285' WASATCH
7382' - 7386' WASATCH

8166' - 8176' WASATCH
8560' - 8564' WASATCH

9742' - 9746' LMV
9896' - 9900' LMV
9980' - 9984' LMV
9996' - 10000' LMV

10716' - 10720' LMV
10810' - 10814' LMV

10952' - 10956' LMV
10966' - 10970' LMV

PBD @ 11,030'
11100' - 11200' LMV

TD @ 11,327'

Production Casing

Size: 4-1/2"
Weight: 11.6#
Grade: P-110
Cmtd w/ 2871 sxs
Set @ 11,312'
Hole size: 7-7/8"

Tubing Landing Detail:

Table with 4 columns: Description, Size, Footage, Depth. Rows include KB, Hanger, 226 Jts 2-3/8" Tbg, "F" Nipple 1.81", 1 Jt 2-3/8" Tbg, Bit Sub, and EOT @.

TUBING INFORMATION

Condition:
New: X Used: Rerun:
Grade: J-55 EUE 8rd
Weight (#/ft): 4.7#

Hanger: Yes X No

SUMMARY

Gross Lower Mesa interval 11100' - 11200' frac has been cancelled.
Perf Lower Mesa Verde intervals: 10966' - 10970', 10952' - 10956', 10810' - 10814' & 10716' - 10720'.
Frac gross intervals 10716' - 10970' w/ 2% KCL 35# Hybor gel water system w/ 147,300# of 20/40 Mesh Econoprop Sand and total load = 74,508 Gals. Avg rate = 52.2 BPM, Avg psi = 6363#, ISIP = 4615#. Perf Lower Mesa Verde intervals 9996' - 10000', 9980' - 9984', 9896' - 9900' & 9742' - 9746'.
Frac gross intervals 9742' - 10000' w/ 26 vis Delta 200R fluid system w/ 75,000# of 20/40 Mesh PRC-6000 Sand and total load = 54,600 Gals. Avg rate = 57 BPM, Avg psi = 5317#, ISIP = 3615#. Perf Wasatch 8560' - 8564' & 8166' - 8176'. Frac gross intervals 8166' - 8564' w/ 16 vis system w/ 51,000# of 20/40 Mesh Ottawa Sand and total load = 24,486 Gals. Avg rate = 47.6 BPM, Avg psi = 3282#, ISIP = 1975#. Perf Wasatch 7382' - 7386', 7279' - 7285', 7240' - 7242' & 7197' - 7201'. Frac gross intervals 7197' - 7386' w/ 16 vis system 105,500# of 20/40 Mesh Ottawa Sand and total load = 42,252 Gals. Avg rate = 50.1 BPM, Avg psi = 2148#, ISIP = 1597#. Perf Wasatch intervals 7041' - 7045', 7040' - 7044' & 7035' - 7039'. Frac gross intervals 7035' - 7045' w/ 14 vis system w/ 55,500# of 20/40 Mesh Ottawa Sand and total load = 24,360 Gals. Avg rate = 42.1 BPM, Avg psi = 2415#, ISIP = 1663#.

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

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM:</b> (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO:</b> ( New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
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CA No.		Unit:		WONSITS VALLEY UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**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: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- 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 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- 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: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 16	WV 16	NENE	15	080S	210E	4304715447	5265	Federal	WI	A
WVU 31	WV 31	NENW	14	080S	210E	4304715460	5265	Federal	WI	A
WVU 35	WV 35	NESW	14	080S	210E	4304715463	5265	Federal	WI	A
WV 36	WV 36	NESW	10	080S	210E	4304715464	5265	Federal	WI	A
WVU 41	WV 41	NENW	15	080S	210E	4304715469	5265	Federal	WI	A
WV 43	WV 43	SWSW	11	080S	210E	4304715471	5265	Federal	OW	P
WV 48	WV 48	SWNE	10	080S	210E	4304715476	5265	Federal	OW	P
WVU 50	WV 50	SWNE	15	080S	210E	4304715477	5265	Federal	WI	A
WV 53	WV 53	SWSE	10	080S	210E	4304720003	5265	Federal	OW	P
WVU 55	WV 55	SWNE	14	080S	210E	4304720005	5265	Federal	OW	P
WVU 59	WV 59	SWNW	14	080S	210E	4304720018	5265	Federal	WI	A
WVU 60	WV 60	SWSE	15	080S	210E	4304720019	5265	Federal	WI	A
WV 62	WV 62	SWSW	10	080S	210E	4304720024	5265	Federal	OW	P
WVU 65	WV 65	SWNW	15	080S	210E	4304720041	5265	Federal	OW	P
WVU 67	WV 67	NESW	15	080S	210E	4304720043	5265	Federal	WI	A
WVU 68	WV 68	NESE	15	080S	210E	4304720047	5265	Federal	WI	A
WVU 83	WV 83 WG	NENW	23	080S	210E	4304720205	14864	Federal	GW	S
WV 97	WV 97	NWSW	11	080S	210E	4304730014	5265	Federal	WI	A
WVU 103	WV 103	NWNW	14	080S	210E	4304730021	5265	Federal	OW	P
WVU 104	WV 104	NWNE	15	080S	210E	4304730022	5265	Federal	OW	P
WV 105	WV 105	SESE	10	080S	210E	4304730023	5265	Federal	OW	P
WVU 109	WV 109	SENE	15	080S	210E	4304730045	5265	Federal	OW	P
WVU 110	WV 110	SENW	14	080S	210E	4304730046	5265	Federal	OW	P
WVU 112	WV 112	SENW	15	080S	210E	4304730048	5265	Federal	OW	P
WVU 124	WV 124	NWSE	15	080S	210E	4304730745	5265	Federal	OW	P
WVU 126	WV 126	NWNE	21	080S	210E	4304730796	5265	Federal	WI	A
WV 128	WV 128	SESW	10	080S	210E	4304730798	5265	Federal	OW	P
WVU 132	WV 132	NWSW	15	080S	210E	4304730822	5265	Federal	OW	P
WVU 136	WV 136	NENW	21	080S	210E	4304731047	5265	Federal	OW	S
WV 137	WV 137	SENW	11	080S	210E	4304731523	5265	Federal	OW	P
WV 28-2	WV 28-2	NESW	11	080S	210E	4304731524	99990	Federal	WI	A
WVU 133	WV 133	SESW	15	080S	210E	4304731706	5265	Federal	OW	P
WVU 140	WV 140	NWNW	15	080S	210E	4304731707	5265	Federal	WI	A
WV 40-2	WV 40-2	NESE	10	080S	210E	4304731798	5265	Federal	WI	A
WVU 144	WV 144	SENE	10	080S	210E	4304731807	5265	Federal	OW	P
WV 143	WV 143	NWSE	10	080S	210E	4304731808	5265	Federal	WI	A
WVU 145	WV 145	NWNW	18	080S	220E	4304731820	14864	Federal	GW	P
WVU 121	WV 121	NWSW	14	080S	210E	4304731873	5265	Federal	OW	TA
WVU 135-2	WV 135-2	NENE	21	080S	210E	4304732016	5265	Federal	OW	P
WVU 130	WV 130	NWNW	22	080S	210E	4304732307	5265	Federal	OW	P
WVU 71-2	WV 71-2	SWSW	15	080S	210E	4304732449	5265	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 119	WV 119	NWNW	21	080S	210E	4304732461	5265	Federal	OW	P
WVFU 120	WV 120	NENW	22	080S	210E	4304732462	5265	Federal	WI	A
WVFU 54 WG	WV 54 WG	SWSE	07	080S	220E	4304732821	14864	Federal	GW	P
WVFU 69 WG	WV 69 WG	SWNE	18	080S	220E	4304732829	14864	Federal	GW	P
WVFU 38 WG	WV 38 WG	SWNW	08	080S	220E	4304732831	14864	Federal	GW	P
WVFU 49 WG	WV 49 WG	SWSW	08	080S	220E	4304732832	14864	Federal	GW	P
WVFU 138 WG	WV 138 WG	SWNW	18	080S	220E	4304733054	14864	Federal	GW	P
WVFU 14 WG	WV 14 WG	SWSE	12	080S	210E	4304733070	14864	Federal	GW	P
WVFU 11 WG	WV 11 WG	SWNE	12	080S	210E	4304733085	14864	Federal	GW	P
WVFU 81 WG	WV 81 WG	SWNW	24	080S	210E	4304733086	14864	Federal	GW	P
WVFU 146 WG	WV 146 WG	NWNW	19	080S	220E	4304733128	14864	Federal	GW	P
WVFU 1W-14-8-21	WV 1W-14-8-21	NENE	14	080S	210E	4304733220	14864	Federal	GW	P
WVFU 5W-13-8-21	WV 5W-13-8-21	SWNW	13	080S	210E	4304733221	14864	Federal	GW	P
WVFU 46 WG	WV 46 WG	NESE	07	080S	220E	4304733241	14864	Federal	GW	P
WVFU 9W-14-8-21	WV 9W-14-8-21	NESE	14	080S	210E	4304733269	14864	Federal	GW	P
WVFU 7W-13-8-21	WV 7W-13-8-21	SWNE	13	080S	210E	4304733270	14864	Federal	GW	P
WVFU 1W-18-8-22	WV 1W-18-8-22	NENE	18	080S	220E	4304733294	14864	Federal	GW	P
WVFU 11W-8-8-22	WV 11W-8-8-22	NESW	08	080S	220E	4304733295	14864	Federal	GW	P
WVFU 3W-8-8-22	WV 3W-8-8-22	NENW	08	080S	220E	4304733493	14864	Federal	GW	S
WVFU 5W-7-8-22	WV 5W-7-8-22	SWNW	07	080S	220E	4304733494	14864	Federal	GW	P
WVFU 11W-7-8-22	WV 11W-7-8-22	NESW	07	080S	220E	4304733495	14864	Federal	GW	P
WVFU 13W-7-8-22	WV 13W-7-8-22	SWSW	07	080S	220E	4304733496	14864	Federal	GW	P
WVFU 1W-7-8-22	WV 1W-7-8-22	NENE	07	080S	220E	4304733501	14864	Federal	GW	P
WVFU 3W-7-8-22	WV 3W-7-8-22	NENW	07	080S	220E	4304733502	14864	Federal	GW	P
WV 7WRG-7-8-22	WV 7WRG-7-8-22	SWNE	07	080S	220E	4304733503	5265	Federal	OW	P
WVFU 16W-9-8-21	WV 16W-9-8-21	SESE	09	080S	210E	4304733529	14864	Federal	GW	P
WVFU 1W-12-8-21	WV 1W-12-8-21	NENE	12	080S	210E	4304733531	14864	Federal	GW	P
WVFU 1W-13-8-21	WV 1W-13-8-21	NENE	13	080S	210E	4304733532	14864	Federal	GW	P
WVFU 3W-18-8-22	WV 3W-18-8-22	NENW	18	080S	220E	4304733533	14864	Federal	GW	P
WVFU 9W-12-8-21	WV 9W-12-8-21	NESE	12	080S	210E	4304733534	14864	Federal	GW	P
WVFU 11W-12-8-21	WV 11W-12-8-21	NESW	12	080S	210E	4304733535	14864	Federal	GW	P
WVFU 11W-13-8-21	WV 11W-13-8-21	NESW	13	080S	210E	4304733536	14864	Federal	GW	P
WVFU 13W-12-8-21	WV 13W-12-8-21	SWSW	12	080S	210E	4304733537	14864	Federal	GW	S
WVFU 13W-18-8-22	WV 13W-18-8-22	SWSW	18	080S	220E	4304733538	14864	Federal	GW	P
WVFU 16G-9-8-21	WV 16G-9-8-21	SESE	09	080S	210E	4304733565	5265	Federal	OW	P
WVFU 1W-21-8-21	WV 1W-21-8-21	NENE	21	080S	210E	4304733602	14864	Federal	GW	P
WVFU 3W-13-8-21	WV 3W-13-8-21	NENW	13	080S	210E	4304733603	14864	Federal	GW	S
WVFU 3W-22-8-21	WV 3W-22-8-21	NENW	22	080S	210E	4304733604	14864	Federal	GW	P
WVFU 3W-24-8-21	WV 3W-24-8-21	NENW	24	080S	210E	4304733605	14864	Federal	GW	P
WVFU 13W-13-8-21	WV 13W-13-8-21	SWSW	13	080S	210E	4304733606	14864	Federal	GW	S
WVFU 13W-14-8-21	WV 13W-14-8-21	SWSW	14	080S	210E	4304733607	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-13-8-21	WV 15W-13-8-21	SWSE	13	080S	210E	4304733608	14864	Federal	GW	S
WVFU 1W-24-8-21	WV 1W-24-8-21	NENE	24	080S	210E	4304733613	14864	Federal	GW	P
WVFU 11W-18-8-22	WV 11W-18-8-22	NESW	18	080S	220E	4304733626	14864	Federal	GW	P
WV 2W-10-8-21	WV 2W-10-8-21	NWNE	10	080S	210E	4304733655	14864	Federal	GW	P
WV 4W-11-8-21	WV 4W-11-8-21	NWNW	11	080S	210E	4304733657	14864	Federal	GW	P
WV 12W-10-8-21	WV 12W-10-8-21	NWSW	10	080S	210E	4304733659	14864	Federal	GW	S
WV 12G-10-8-21	WV 12G-10-8-21	NWSW	10	080S	210E	4304733660	5265	Federal	OW	P
WVFU 15W-9-8-21	WV 15W-9-8-21	SWSE	09	080S	210E	4304733661	14864	Federal	GW	P
WVFU 15G-9-8-21	WV 15G-9-8-21	SWSE	09	080S	210E	4304733662	5265	Federal	OW	P
WVFU 2W-13-8-21	WV 2W-13-8-21	NWNE	13	080S	210E	4304733791	14864	Federal	GW	P
WVFU 6W-13-8-21	WV 6W-13-8-21	SENW	13	080S	210E	4304733792	14864	Federal	GW	P
WVFU 8W-13-8-21	WV 8W-13-8-21	SENE	13	080S	210E	4304733793	14864	Federal	GW	P
WV 10W-1-8-21	WV 10W-1-8-21	NWSE	01	080S	210E	4304733794	14864	Federal	GW	TA
WVFU 10W-13-8-21	WV 10W-13-8-21	NWSE	13	080S	210E	4304733795	14864	Federal	GW	P
WVFU 12W-7-8-22	WV 12W-7-8-22	NWSW	07	080S	220E	4304733808	14864	Federal	GW	P
WVFU 6W-8-8-22	WV 6W-8-8-22	SENW	08	080S	220E	4304733811	14864	Federal	GW	P
WVFU 7W-8-8-22	WV 7W-8-8-22	SWNE	08	080S	220E	4304733812	14864	Federal	GW	S
WVFU 10W-7-8-22	WV 10W-7-8-22	NWSE	07	080S	220E	4304733813	14864	Federal	GW	P
WVFU 12W-8-8-22	WV 12W-8-8-22	NWSW	08	080S	220E	4304733815	14864	Federal	GW	P
WVFU 14W-7-8-22	WV 14W-7-8-22	SESW	07	080S	220E	4304733816	14864	Federal	GW	P
WVFU 16W-7-8-22	WV 16W-7-8-22	SESE	07	080S	220E	4304733817	14864	Federal	GW	P
WVFU 6W-7-8-22	WV 6W-7-8-22	SENW	07	080S	220E	4304733828	14864	Federal	GW	P
WVFU 6W-18-8-22	WV 6W-18-8-22	SENW	18	080S	220E	4304733842	14864	Federal	GW	P
WVFU 6WC-18-8-22	WV 6WC-18-8-22	SENW	18	080S	220E	4304733843	14864	Federal	GW	P
WVFU 6WD-18-8-22	WV 6WD-18-8-22	SENW	18	080S	220E	4304733844	14864	Federal	GW	P
WVFU 5W-23-8-21	WV 5W-23-8-21	SWNW	23	080S	210E	4304733860	14864	Federal	GW	P
WVFU 7W-23-8-21	WV 7W-23-8-21	SWNE	23	080S	210E	4304733861	14864	Federal	GW	P
WVFU 8W-12-8-21	WV 8W-12-8-21	SENE	12	080S	210E	4304733862	14864	Federal	GW	P
WVFU 10W-12-8-21	WV 10W-12-8-21	NWSE	12	080S	210E	4304733863	14864	Federal	GW	P
WVFU 14W-12-8-21	WV 14W-12-8-21	SESW	12	080S	210E	4304733864	14864	Federal	GW	P
WVFU 16W-12-8-21	WV 16W-12-8-21	SESE	12	080S	210E	4304733865	14864	Federal	GW	P
WVFU 1W-15-8-21	WV 1W-15-8-21	NENE	15	080S	210E	4304733902	14864	Federal	GW	S
WVFU 1W-22-8-21	WV 1W-22-8-21	NENE	22	080S	210E	4304733903	14864	Federal	GW	P
WVFU 1W-23-8-21	WV 1W-23-8-21	NENE	23	080S	210E	4304733904	14864	Federal	GW	P
WV 6W-11-8-21	WV 6W-11-8-21	SENW	11	080S	210E	4304733906	14864	Federal	GW	P
WVFU 7W-24-8-21	WV 7W-24-8-21	SWNE	24	080S	210E	4304733908	14864	Federal	GW	P
WV 10W-11-8-21	WV 10W-11-8-21	NWSE	11	080S	210E	4304733910	14864	Federal	GW	P
WVFU 11W-15-8-21	WV 11W-15-8-21	NESW	15	080S	210E	4304733911	14864	Federal	GW	P
WV 13W-11-8-21	WV 13W-11-8-21	SWSW	11	080S	210E	4304733913	14864	Federal	GW	S
WVFU 13W-15-8-21	WV 13W-15-8-21	SWSW	15	080S	210E	4304733914	14864	Federal	GW	P
WV 15W-10-8-21	WV 15W-10-8-21	SWSE	10	080S	210E	4304733916	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-15-8-21	WV 15W-15-8-21	SWSE	15	080S	210E	4304733917	14864	Federal	GW	P
WVFU 5W-14-8-21	WV 5W-14-8-21	SWNW	14	080S	210E	4304733953	14864	Federal	GW	P
WVFU 7W-14-8-21	WV 7W-14-8-21	SWNE	14	080S	210E	4304733955	14864	Federal	GW	P
WV 8W-11-8-21	WV 8W-11-8-21	SENE	11	080S	210E	4304733957	14864	Federal	GW	S
WVFU 8W-14-8-21	WV 8W-14-8-21	SENE	14	080S	210E	4304733958	14864	Federal	GW	P
WVFU 9W-15-8-21	WV 9W-15-8-21	NESE	15	080S	210E	4304733959	14864	Federal	GW	P
WVFU 12W-13-8-21	WV 12W-13-8-21	NWSW	13	080S	210E	4304733961	14864	Federal	GW	P
WVFU 14W-13-8-21	WV 14W-13-8-21	SESW	13	080S	210E	4304733962	14864	Federal	GW	P
WVFU 15W-14-8-21	WV 15W-14-8-21	SWSE	14	080S	210E	4304733963	14864	Federal	GW	P
WVFU 2W-18-8-22	WV 2W-18-8-22	NWNE	18	080S	220E	4304733986	14864	Federal	GW	P
WV 8W-18-8-22	WV 8W-18-8-22	SENE	18	080S	220E	4304733989	14864	Federal	GW	P
WVFU 10W-18-8-22	WV 10W-18-8-22	NWSE	18	080S	220E	4304733991	14864	Federal	GW	P
WVFU 12W-18-8-22	WV 12W-18-8-22	NWSW	18	080S	220E	4304733993	14864	Federal	GW	P
WV 14W-18-8-22	WV 14W-18-8-22	SESW	18	080S	220E	4304733995	14864	Federal	GW	P
WVFU 8W-1-8-21	WV 8W-1-8-21	SENE	01	080S	210E	4304734009	14864	Federal	GW	DRL
WV 4W-17-8-22	WV 4W-17-8-22	NWNW	17	080S	220E	4304734038	14864	Federal	GW	P
WV 12G-1-8-21	WV 12G-1-8-21	NWSW	01	080S	210E	4304734108	5265	Federal	OW	TA
WV 2W-14-8-21	WV 2W-14-8-21	NWNE	14	080S	210E	4304734140	14864	Federal	GW	P
GH 2W-21-8-21	GH 2W-21-8-21	NWNE	21	080S	210E	4304734141	14864	Federal	GW	P
WV 2W-23-8-21	WV 2W-23-8-21	NWNE	23	080S	210E	4304734142	14864	Federal	GW	P
GH 3W-21-8-21	WV 3W-21-8-21	NENW	21	080S	210E	4304734143	14864	Federal	GW	P
WV 4W-13-8-21	WV 4W-13-8-21	NWNW	13	080S	210E	4304734144	14864	Federal	GW	P
GH 4W-21-8-21	WV 4W-21-8-21	NWNW	21	080S	210E	4304734145	14864	Federal	GW	P
WV 4W-22-8-21	WV 4W-22-8-21	NWNW	22	080S	210E	4304734146	14864	Federal	GW	P
WV 16W-11-8-21	WV 16W-11-8-21	SESE	11	080S	210E	4304734155	14864	Federal	GW	TA
WV 3W-19-8-22	WV 3W-19-8-22	NENW	19	080S	220E	4304734187	14864	Federal	GW	P
WV 4W-23-8-21	WV 4W-23-8-21	NWNW	23	080S	210E	4304734188	14864	Federal	GW	P
WV 6W-23-8-21	WV 6W-23-8-21	SENE	23	080S	210E	4304734189	14864	Federal	GW	P
WV 2W-15-8-21	WV 2W-15-8-21	NWNE	15	080S	210E	4304734242	14864	Federal	GW	P
WV 2W-22-8-21	WV 2W-22-8-21	NWNE	22	080S	210E	4304734243	14864	Federal	GW	P
WV 4W-14-8-21	WV 4W-14-8-21	NWNW	14	080S	210E	4304734244	14864	Federal	GW	P
WV 6W-12-8-21	WV 6W-12-8-21	SENE	12	080S	210E	4304734245	5265	Federal	GW	S
WV 7W-15-8-21	WV 7W-15-8-21	SWNE	15	080S	210E	4304734246	14864	Federal	GW	P
WV 8W-15-8-21	WV 8W-15-8-21	SENE	15	080S	210E	4304734247	14864	Federal	GW	P
WV 12W-12-8-21	WV 12W-12-8-21	NWSW	12	080S	210E	4304734248	14864	Federal	GW	S
WV 14W-15-8-21	WV 14W-15-8-21	SESW	15	080S	210E	4304734249	14864	Federal	GW	P
WV 16W-10-8-21	WV 16W-10-8-21	SESE	10	080S	210E	4304734250	14864	Federal	GW	P
WV 16W-15-8-21	WV 16W-15-8-21	SESE	15	080S	210E	4304734251	14864	Federal	GW	P
WV 2W-12-8-21	WV 2W-12-8-21	NWNE	12	080S	210E	4304734265	14864	Federal	GW	OPS
WV 3W-12-8-21	WV 3W-12-8-21	NENW	12	080S	210E	4304734267	14864	Federal	GW	OPS
WV 4W-12-8-21	WV 4D-12-8-21	NWNW	12	080S	210E	4304734268	12436	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 5W-12-8-21	WV 5W-12-8-21	SWNW	12	080S	210E	4304734270	14864	Federal	GW	OPS
WV 6W-14-8-21	WV 6W-14-8-21	SENW	14	080S	210E	4304734271	14864	Federal	GW	P
WV 9W-11-8-21	WV 9W-11-8-21	NESE	11	080S	210E	4304734274	14864	Federal	GW	DRL
WV 10W-14-8-21	WV 10W-14-8-21	NWSE	14	080S	210E	4304734275	14864	Federal	GW	S
WV 11W-14-8-21	WV 11W-14-8-21	NESW	14	080S	210E	4304734277	14864	Federal	GW	P
WV 12W-14-8-21	WV 12W-14-8-21	NWSW	14	080S	210E	4304734279	14864	Federal	GW	S
WV 14M-11-8-21	WV 14M-11-8-21	SESW	11	080S	210E	4304734280	14864	Federal	GW	P
WV 14W-14-8-21	WV 14W-14-8-21	SESW	14	080S	210E	4304734281	14864	Federal	GW	P
WV 16W-14-8-21	WV 16G-14-8-21	SESE	14	080S	210E	4304734283	5265	Federal	OW	S
WV 3MU-15-8-21	WV 3MU-15-8-21	NENW	15	080S	210E	4304734289	14864	Federal	GW	P
WV 4MU-15-8-21	WV 4MU-15-8-21	NWNW	15	080S	210E	4304734291	14864	Federal	GW	P
WV 5MU-15-8-21	WV 5MU-15-8-21	SWNW	15	080S	210E	4304734293	14864	Federal	GW	P
WV 6W-15-8-21	WV 6W-15-8-21	SENW	15	080S	210E	4304734294	14864	Federal	GW	P
WV 10W-15-8-21	WV 10W-15-8-21	NWSE	15	080S	210E	4304734295	14864	Federal	GW	P
WVU 4W-24-8-21	WV 4W-24-8-21	NWNW	24	080S	210E	4304734330	14864	Federal	GW	P
WV 8M-23-8-21	WV 8M-23-8-21	SENE	23	080S	210E	4304734339	14864	Federal	GW	P
WVU 8W-24-8-21	WV 8W-24-8-21	SENE	24	080S	210E	4304734340	14864	Federal	GW	P
WV 2W-8-8-22	WV 2W-8-8-22	NWNE	08	080S	220E	4304734468	14864	Federal	GW	P
WV 8W-7-8-22	WV 8W-7-8-22	SENE	07	080S	220E	4304734469	14864	Federal	GW	S
WV 8W-22-8-21	WV 8W-22-8-21	SENE	22	080S	210E	4304734564	14864	Federal	GW	P
WV 3G-8-8-22	WV 3G-8-8-22	NENW	08	080S	220E	4304734596	5265	Federal	OW	TA
WV 14MU-10-8-21	WV 14MU-10-8-21	SESW	10	080S	210E	4304735879	14864	Federal	GW	P
WV 13MU-10-8-21	WV 13MU-10-8-21	SWSW	10	080S	210E	4304736305	14864	Federal	GW	P
WV 3DML-13-8-21	WV 3D-13-8-21	SENW	13	080S	210E	4304737923	14864	Federal	GW	DRL
WV 14DML-12-8-21	WV 14DML-12-8-21	SESW	12	080S	210E	4304737924	14864	Federal	GW	DRL
WV 15AML-12-8-21	WV 15AML-12-8-21	NWSE	12	080S	210E	4304737925		Federal	GW	APD
WV 13DML-10-8-21	WV 13DML-10-8-21	SWSW	10	080S	210E	4304737926	14864	Federal	GW	P
WV 4DML-15-8-21	WV 4DML-15-8-21	NWNW	15	080S	210E	4304737927	14864	Federal	GW	DRL
WV 13AD-8-8-22	WV 13AD-8-8-22	SWSW	08	080S	220E	4304737945		Federal	GW	APD
WV 11AML-14-8-21	WV 11AD-14-8-21	NWSE	14	080S	210E	4304738049	15899	Federal	GW	APD
WV 11DML-14-8-21	WV 11DML-14-8-21	SESW	14	080S	210E	4304738050		Federal	GW	APD
WV 4AML-19-8-22	WV 4AML-19-8-22	NWNW	19	080S	220E	4304738051		Federal	GW	APD
WV 13CML-8-8-22	WV 13CML-8-8-22	SWSW	08	080S	220E	4304738431		Federal	GW	APD
WV 13BML-18-8-22	WV 13BML-18-8-22	SWSW	18	080S	220E	4304738432		Federal	GW	APD
WV 8BML-18-8-22	WV 8BML-18-8-22	E/NE	18	080S	220E	4304738433		Federal	GW	APD
WV 6ML-24-8-21	WV 6-24-8-21	SENW	24	080S	210E	4304738663		Federal	GW	APD
WV 2ML-24-8-21	WV 2ML-24-8-21	NWNE	24	080S	210E	4304738664		Federal	GW	APD
WV 1DML-13-8-21	WV 1DML-13-8-21	NENE	13	080S	210E	4304738733		Federal	GW	APD
WV 4DML-13-8-21	WV 4DML-13-8-21	NWNW	13	080S	210E	4304738734		Federal	GW	APD
WV 3AML-14-8-21	WV 3AML-14-8-21	NENW	14	080S	210E	4304738736		Federal	GW	APD
WV 16CML-14-8-21	WV 16C-14-8-21	SESE	14	080S	210E	4304738737		Federal	GW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 21	WV 21	NENE	16	080S	210E	4304715452	99990	State	WI	A
WVU 32	WV 32	NENW	16	080S	210E	4304716513	5265	State	OW	P
WVU 72	WV 72	SWSW	16	080S	210E	4304720058	99990	State	WI	A
WVU 73	WV 73	NESE	16	080S	210E	4304720066	5265	State	WI	A
WVU 74	WV 74	SWSE	16	080S	210E	4304720078	5265	State	OW	P
WVU 75	WV 75	SWNE	16	080S	210E	4304720085	5265	State	OW	P
WVU 78	WV 78	NESW	16	080S	210E	4304720115	99990	State	WI	A
WVU 134	WV 134	SESE	16	080S	210E	4304731118	5265	State	OW	P
WVU 141	WV 141	NWSE	16	080S	210E	4304731609	5265	State	OW	P
WVU 127	WV 127	SENE	16	080S	210E	4304731611	5265	State	OW	P
WVU 142	WV 142	SESW	16	080S	210E	4304731612	5265	State	OW	P
WVUFU 9W-13-8-21	WV 9W-13-8-21	NESE	13	080S	210E	4304733223	14864	State	GW	S
WVUFU 2W-16-8-21	WV 2W-16-8-21	NWNE	16	080S	210E	4304733246	14864	State	GW	P
WVUFU 2G-16-8-21	WV 2G-16-8-21	NWNE	16	080S	210E	4304733247	5265	State	OW	P
WVUFU 6W-16-8-21	WV 6W-16-8-21	SENE	16	080S	210E	4304733527	14864	State	GW	P
WVUFU 6G-16-8-21	WV 6G-16-8-21	SENE	16	080S	210E	4304733564	5265	State	OW	P
WVUFU 16W-2-8-21	WV 16W-2-8-21	SESE	02	080S	210E	4304733645	5265	State	OW	S
WVUFU 9W-2-8-21	WV 9W-2-8-21	NESE	02	080S	210E	4304733648	14864	State	GW	P
WVUFU 12W-16-8-21	WV 12W-16-8-21	NWSW	16	080S	210E	4304733649	14864	State	GW	P
WVUFU 12G-16-8-21	WV 12G-16-8-21	NWSW	16	080S	210E	4304733650	5265	State	OW	P
WVUFU 16W-13-8-21	WV 16W-13-8-21	SESE	13	080S	210E	4304733796	14864	State	GW	P
WV 10G-2-8-21	WV 10G-2-8-21	NWSE	02	080S	210E	4304734035	5265	State	OW	P
WV 14G-2-8-21	WV 14G-2-8-21	SESW	02	080S	210E	4304734036	5265	State	OW	P
WV 13G-2-8-21	WV 13G-2-8-21	SWSW	02	080S	210E	4304734068	5265	State	OW	P
WV 5G-16-8-21	WV 5G-16-8-21	SWNW	16	080S	210E	4304734107	5265	State	OW	P
WV 11W-16-8-21	WV 11W-16-8-21	NESW	16	080S	210E	4304734190	14864	State	GW	P
WV 13W-16-8-21	WV 13W-16-8-21	SWSW	16	080S	210E	4304734191	14864	State	GW	P
WV 14W-16-8-21	WV 14W-16-8-21	SESW	16	080S	210E	4304734192	14864	State	GW	P
WV 15W-16-8-21	WV 15W-16-8-21	SWSE	16	080S	210E	4304734224	14864	State	GW	P
WV 16W-16-8-21	WV 16W-16-8-21	SESE	16	080S	210E	4304734225	14864	State	GW	P
WV 1MU-16-8-21	WV 1MU-16-8-21	NENE	16	080S	210E	4304734288	14864	State	GW	P
WV 3W-16-8-21	WV 3W-16-8-21	NENW	16	080S	210E	4304734290		State	GW	LA
WV 4W-16-8-21	WV 4W-16-8-21	NWNW	16	080S	210E	4304734292	12436	State	D	PA
WVU 5W-16-8-21	WV 5W-16-8-21	SWNW	16	080S	210E	4304734321	14864	State	GW	P
WV 7W-16-8-21	WV 7W-16-8-21	SWNE	16	080S	210E	4304734322	14864	State	GW	P
WV 8ML-16-8-21	WV 8ML-16-8-21	SENE	16	080S	210E	4304734323	14864	State	GW	P
WV 9W-16-8-21	WV 9W-16-8-21	NESE	16	080S	210E	4304734325	14864	State	GW	P
WV 10W-16-8-21	WV 10W-16-8-21	NWSE	16	080S	210E	4304734326	14864	State	GW	P
WV 12BML-16-8-21	WV 12BML-16-8-21	SWNW	16	080S	210E	4304737824	14864	State	GW	P
WV 12DML-16-8-21	WV 12D-16-8-21	NWSW	16	080S	210E	4304737870		State	GW	APD
WV 15CML-16-8-21	WV 15CML-16-8-21	SESW	16	080S	210E	4304737871	14864	State	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 15DML-16-8-21	WV 15DML-16-8-21	SWSE	16	080S	210E	4304737872		State	GW	APD
WV 16DML-13-8-21	WV 16DML-13-8-21	SESE	13	080S	210E	4304738735		State	GW	APD

**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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		7. UNIT or CA AGREEMENT NAME: see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

\_\_\_\_\_  
Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

\_\_\_\_\_  
Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>3/16/2007</u>

(This space for State use only)

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1 TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
<b>3 ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Wonsits Valley Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Wonsits Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wonsits Valley Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Wonsits Valley Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Wonsits Valley Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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DIV. OF OIL, GAS & MINING

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

FORM 6

**ENTITY ACTION FORM**

Operator Questar Exploration and Production Co. Operator Account Number: N 5085  
 Address: 11002 E. 17500 S.  
 City Vernal  
 State UT Zip 84078 Phone Number: (435) 781-~~4300~~ 4342

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304736305	WV 13MU-10-8-21	SWSW	10	080S	210E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	14864	17123			11/1/2007	
Comments:	WMMFD					1/29/2009

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737824	WV 12BML-16-8-21	SWNW	16	080S	210E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	14864	17123			11/1/2007	
Comments:	WMMFD					1/29/2009

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737871	WV 15CML-16-8-21	SESW	16	080S	210E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
D	14864	17123			11/1/2007	
Comments:	WMMFD					1/29/2009

JAN 26 2009

**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)

DIV. OF OIL, GAS & MINING

Name (Please Print)

Signature

Title

Date

DAWN CALDWELL  
Dawn Caldwell  
 Office Admin 1/20/09

**CONFIDENTIAL**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

6/14/2010

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED									

**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: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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: n/a

**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER  
See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
See attached

7. UNIT or CA AGREEMENT NAME:  
See attached

8. WELL NAME and NUMBER:  
See attached

9. API NUMBER:  
Attached

10. FIELD AND POOL, OR WILDCAT:  
See attached

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

2. NAME OF OPERATOR:  
Questar Exploration and Production Company *N5085*

3. ADDRESS OF OPERATOR:  
1050 17th Street, Suite 500 Denver, CO 80265  
PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: See attached  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
COUNTY: Attached  
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<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 type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
Utah State Bond Number: ~~965003033~~ *965010695*  
Fee Land Bond Number: ~~965003033~~ *965010695*  
BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE *Morgan Anderson* DATE 6/23/2010

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
WONSITS VALLEY  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 32	16	080S	210E	4304716513	5265	State	OW	P	
WV 74	16	080S	210E	4304720078	5265	State	OW	P	
WV 75	16	080S	210E	4304720085	5265	State	OW	P	
WV 134	16	080S	210E	4304731118	5265	State	OW	P	
WV 141	16	080S	210E	4304731609	5265	State	OW	P	
WV 127	16	080S	210E	4304731611	5265	State	OW	P	
WV 142	16	080S	210E	4304731612	5265	State	OW	P	
WV 9W-13-8-21	13	080S	210E	4304733223	14864	State	GW	PA	
WV 2W-16-8-21	16	080S	210E	4304733246	17123	State	GW	P	
WV 2G-16-8-21	16	080S	210E	4304733247	5265	State	OW	P	
WV 6W-16-8-21	16	080S	210E	4304733527	17123	State	GW	P	
WV 6G-16-8-21	16	080S	210E	4304733564	5265	State	OW	P	
WV 16W-2-8-21	02	080S	210E	4304733645	5265	State	OW	S	
WV 9W-2-8-21	02	080S	210E	4304733648	17123	State	GW	P	
WV 12W-16-8-21	16	080S	210E	4304733649	17123	State	GW	P	
WV 12G-16-8-21	16	080S	210E	4304733650	5265	State	OW	P	
WV 16W-13-8-21	13	080S	210E	4304733796	17123	State	GW	P	
WV 10G-2-8-21	02	080S	210E	4304734035	5265	State	OW	P	
WV 14G-2-8-21	02	080S	210E	4304734036	5265	State	OW	P	
WV 13G-2-8-21	02	080S	210E	4304734068	5265	State	OW	P	
WV 5G-16-8-21	16	080S	210E	4304734107	5265	State	OW	P	
WV 11W-16-8-21	16	080S	210E	4304734190	17123	State	GW	P	
WV 13W-16-8-21	16	080S	210E	4304734191	17123	State	GW	P	
WV 14W-16-8-21	16	080S	210E	4304734192	17123	State	GW	P	
WV 15W-16-8-21	16	080S	210E	4304734224	17123	State	GW	P	
WV 16W-16-8-21	16	080S	210E	4304734225	17123	State	GW	P	
WV 1MU-16-8-21	16	080S	210E	4304734288	17123	State	GW	P	
WV 3W-16-8-21	16	080S	210E	4304734290		State	GW	LA	
WV 4W-16-8-21	16	080S	210E	4304734292	12436	State	D	PA	
WV 5W-16-8-21	16	080S	210E	4304734321	17123	State	GW	P	
WV 7W-16-8-21	16	080S	210E	4304734322	17123	State	GW	P	
WV 8ML-16-8-21	16	080S	210E	4304734323	17123	State	GW	P	
WV 9W-16-8-21	16	080S	210E	4304734325	17123	State	GW	P	
WV 10W-16-8-21	16	080S	210E	4304734326	17123	State	GW	P	
WV 12BML-16-8-21	16	080S	210E	4304737824	17123	State	GW	P	
WV 12D-16-8-21	16	080S	210E	4304737870		State	GW	LA	
WV 15CML-16-8-21	16	080S	210E	4304737871	17123	State	GW	P	
WV 15DML-16-8-21	16	080S	210E	4304737872		State	GW	LA	
WV 16DML-13-8-21	13	080S	210E	4304738735		State	GW	LA	