

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		CONFIDENTIAL		5. Lease Serial No. U-68219
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name UTE TRIBAL
2. Name of Operator SHENANDOAH ENERGY INC.		Contact: JOHN BUSCH E-Mail: jbusch@shenandoahenergy.com		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 11002 E. 17500 S. VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		8. Lease Name and Well No. GYPSUM HILLS 13HG-17-8-21
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 675FSL 661FWL At proposed prod. zone SESE 660FSL 800FEL		40.11783 4441571 Y 620584 X 40.11771 109.58495 4441603 Y 621758 X		9. API Well No. 43-047-34723
14. Distance in miles and direction from nearest town or post office* 7 +/- MILES FROM OURAY, UTAH				10. Field and Pool, or Exploratory UNDESIGNATED FIELD
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 661' +/-		16. No. of Acres in Lease 880.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 17 T8S R21E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1800' +/-		19. Proposed Depth 8918 MD 5309 TVD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4682 KB		22. Approximate date work will start		13. State UT
				17. Spacing Unit dedicated to this well 40.00
				20. BLM/BIA Bond No. on file U-0969
				23. Estimated duration 10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>John Busch</i>	Name (Printed/Typed) JOHN BUSCH	Date 09/20/2002
Title OPERATIONS	RECEIVED	
Approved by (Signature) <i>11/24/03</i>	Name (Printed/Typed)	Date SEP 23 2002
Title	Office	DIVISION OF OIL, GAS AND MINING

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #14101 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

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

SHENANDOAH ENERGY, INC.

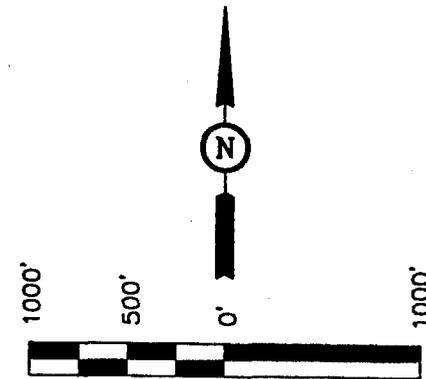
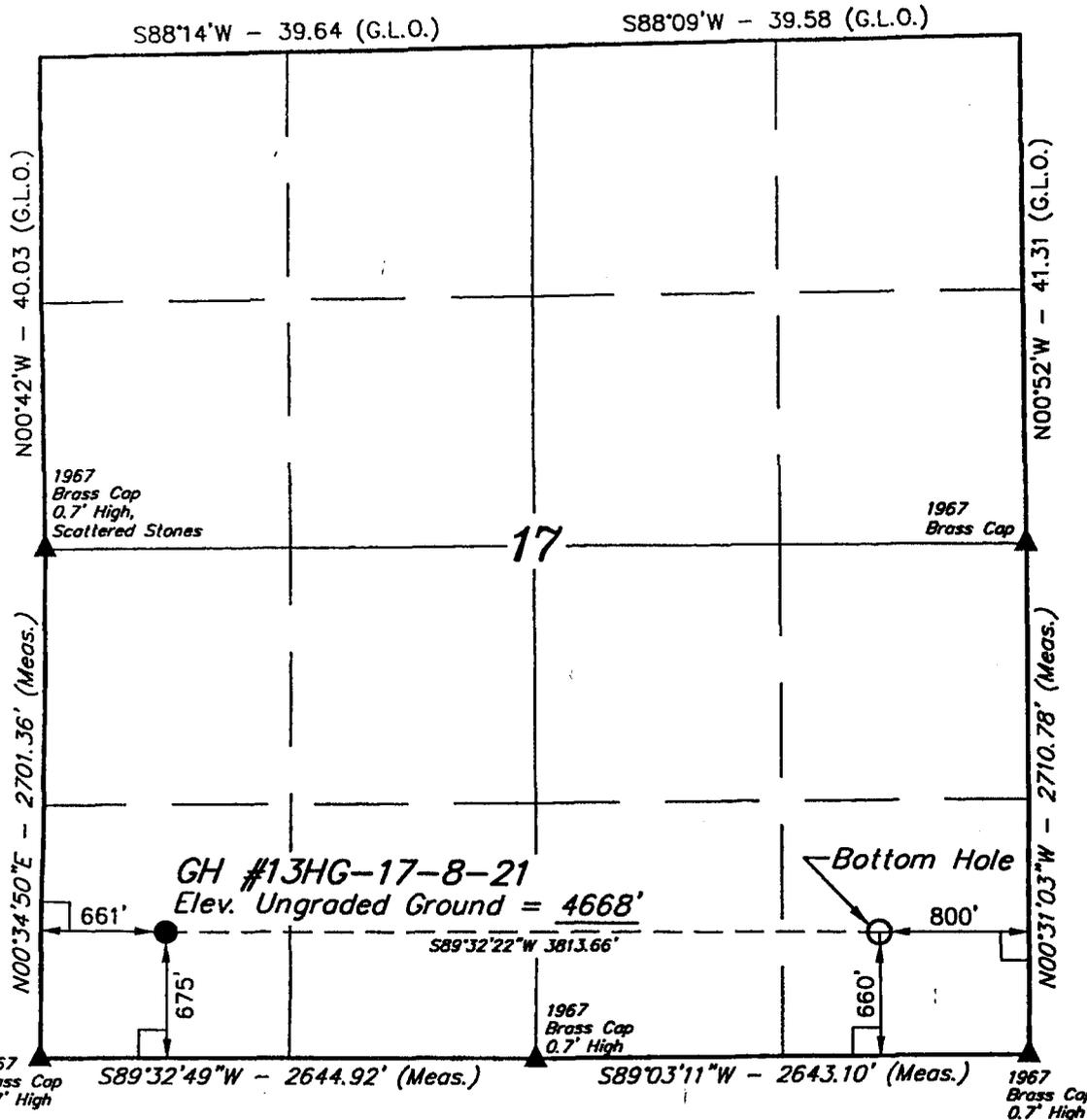
Well location, GH #13HG-17-8-21, located as shown in the SW 1/4 SW 1/4 of Section 17, T8S, R21E, S.L.B.&M. Uintah County, Utah.

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, UINTAH 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

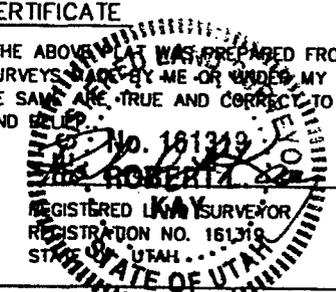
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

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



REVISED: 09-19-02 D.COX

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°07'03.59" (40.117664)
 LONGITUDE = 109°35'07.92" (109.585533)

SCALE 1" = 1000'	DATE SURVEYED: 07-11-02	DATE DRAWN: 07-16-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE	

DRILLING PROGRAM

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:

<u>Formation</u>	<u>TMD</u>	<u>TVD</u>
Uinta	Surface	Surface
Green River	2519'	2519'
Mahogany Ledge	3384'	3384'
..Kick off depth	4825'	4825'
G1 Lime	5605'	5304'
TD (Green River)	8918'	5309'

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:

<u>Substance</u>	<u>Formation</u>	<u>TMD</u>	<u>TVD</u>
Oil/Gas	Green River	8919'	5309'

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 State of Utah form OGC-8-X is acceptable. If no 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.

DRILLING PROGRAM

3. Surface Ownership

The well pad and access road are located on lands owned by the Ute Tribe.

4. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 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 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out and weekly. All tests shall be for a period of 15 minutes

5. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	500'	12-1/4"	9-5/8"	K-55	36lb/ft (new)
Intermediate	5533 MD (5300 TVD)	8-3/4"	7"	J-55 – N-80 (First 500' & Last 500') (new)	
Production	8918'	7-7/8"	6-1/8"	Complete as open hole with 2 7/8" tubing from surface to 5500'	

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes

DRILLING PROGRAM

- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
 - G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
 - H. Compressor shall be tied directly to the blooie line through a manifold.
 - I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
7. 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 9.5 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.

8. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

- C. Formation and Completion Interval: Green River 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.

DRILLING PROGRAM

9. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type & Additives</u>
Surface	285 sx	Premium Plus single slurry mixed to 15.6 ppg, yield = 1.18 cf/sx. Fill to surface with 160 cf (285 sx) calculated. Tail plug used. Allowed to set under pressure
Production	480 sx* Lead 452 sx* Tail	Lead/Tail oilfield type cement circulated in place . Tail slurry: Extended Class "G" + gilsonite and additives as required, mixed to 14.35 ppg, yield = 1.25 cf/sx. Fill to 5533' ($\pm 300'$ above top of Lower Green River). Cement Characteristics: Lead slurry: Extended, Lite, Hi-fill + extender and additives as required, mixed to 11.0 ppg, yield = 3.81 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

*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.

10. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S 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 2123.60 psi. Maximum anticipated bottom hole temperature is 140° F.

SHENANDOAH ENERGY INC.
GYPSUM HILLS #13HG-17-8-21
675' FSL, 661' FWL
660' FSL, 800 FEL
SWSW, SECTION 17, T8S, R21E
SESE, SECTION 17, T8S, R21E
UINTAH COUNTY, UTAH
LEASE # U-68219

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 17 miles from Ouray, Utah.

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

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

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

Please refer to Topo Map C.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D-for the location of the proposed pipeline.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

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

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

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

Please see Shenandoah energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe
PO Box 190
Ft. Duchesne, Utah 84026
(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

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.

Shenandoah Energy Inc. will be 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 Shenandoah Energy 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.

John Busch
John Busch
Red Wash Operations Representative

20-Sep-02
Date

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 5309'TVD and 8918' TMD to test the Wasatch. 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 requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy 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. U-0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/23/2002

API NO. ASSIGNED: 43-047-34723

WELL NAME: GYPSUM HILLS 13HG-17-8-21

OPERATOR: SHENANDOAH ENERGY INC (N4235)

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWSW 17 080S 210E

SURFACE: 0675 FSL 0661 FWL

BOTTOM: 0660 FNL 1250 FEL

UINTAH

GYPSUM HILLS (610)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-68219

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.11771

LONGITUDE: 109.58495

RECEIVED AND/OR REVIEWED:

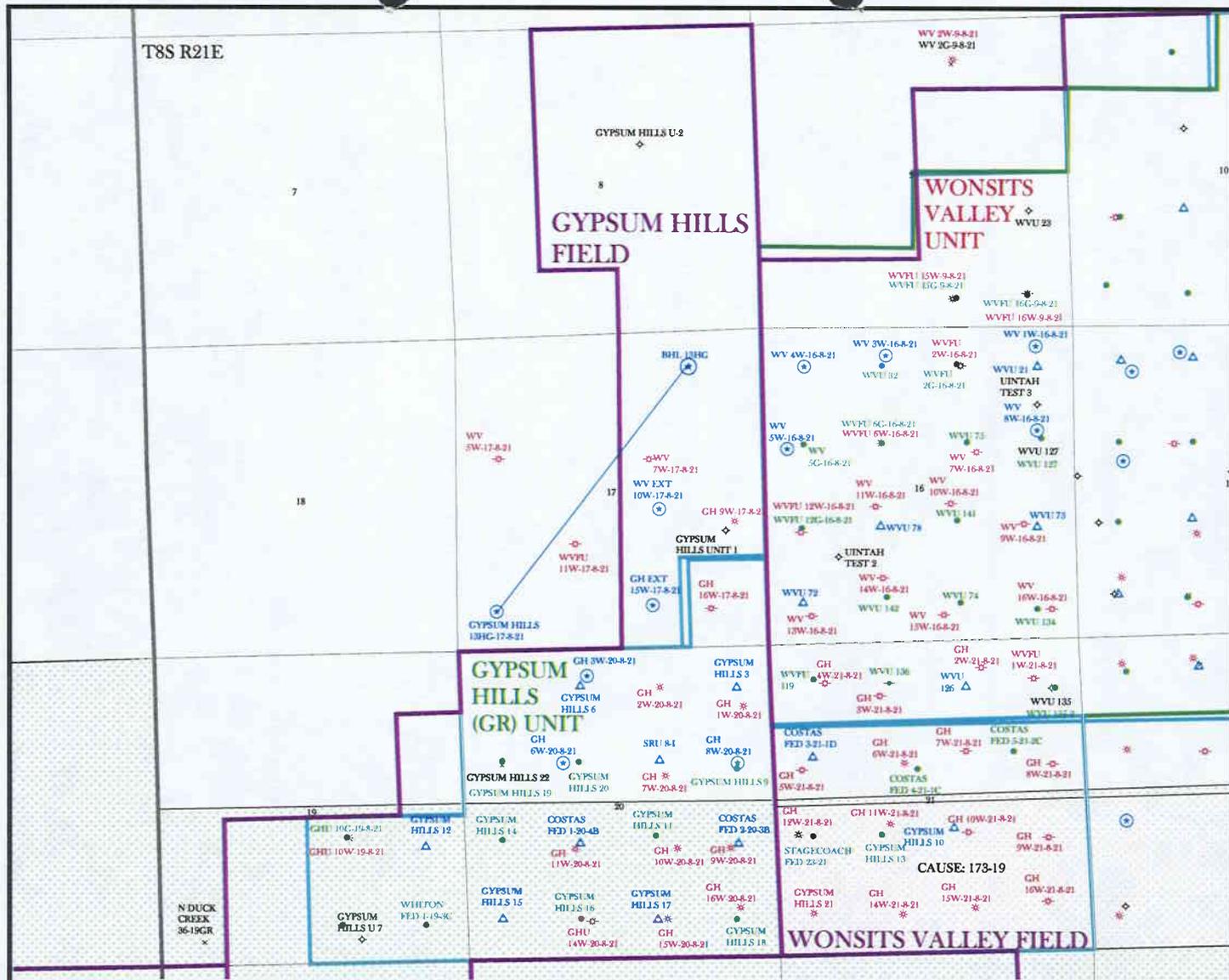
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. U-0969)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit _____
- R649-3-2. General * *Horizontal*
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Temp 640' Spacing

STIPULATIONS: 1- Federal Approval
2- Horizontal Stip



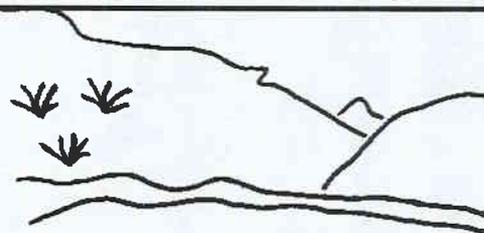
OPERATOR: SHENANDOAH ENERGY (N4235)

SEC. 17 T8S, R21E

FIELD: GYPSUM HILLS (002)

COUNTY: UTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining

WELLS

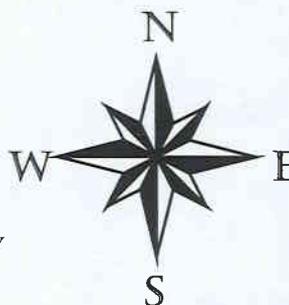
- ∕ GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ∕ WATER DISPOSAL

UNIT STATUS

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

FIELD STATUS

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



PREPARED BY: DIANA MASON
DATE: 24-JANUARY-2003

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, UT 84078
Phone: (435) 781-4300
Fax (435) 781-4329

September 26, 2002

Division of Oil, Gas & Mining
1594 W. N. Temple STE 1210
Salt Lake City, UT 84114-5801

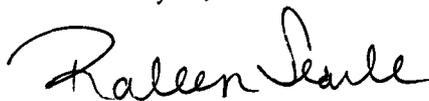
To Whom It May Concern:

In the absence of special orders of the Board, no portion of the horizontal interval within the potentially productive formation shall be closer than six hundred-sixty (660) feet to a drilling or spacing unit boundary, federally unitized area boundary, uncommitted tract within a unit, or boundary line of a lease not committed to the drilling of such horizontal well. Please refer to the Oil and Gas Conservation General rule R649-3-2.3.

Shenandoah Energy Inc. GH# 13HG-18-8-21 complies with this rule. This lease #(U-68219) is under Gypsum Hills Unit Agreement and all owners are committed under the Unit Agreement. There are no additional owners within 460' at all points of the intended well bore.

If you have any question please contact Raleen Searle @ (435) 781-4309.

Thank you,



Raleen Searle
Regulatory Affairs Analyst

RECEIVED

SEP 27 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

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7. If Unit or CA Agreement, Name and No.
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9. API Well No. 43-047-34723
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12. County or Parish UINTAH
13. State UT
17. Spacing Unit dedicated to this well 40.00
20. BLM/BIA Bond No. on file UT-1237
23. Estimated duration 10 DAYS

CONFIDENTIAL

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
SHENANDOAH ENERGY INC. Contact: JOHN BUSCH
E-Mail: jbusch@shenandoahenergy.com

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SWSW 675FSL 661FWL 4441571 Y 40N1771
At proposed prod. zone NENE SESE 660FNL 1250FEL 620586X -109.58495 40.12915
4442857 Y 621583X -109.57301

14. Distance in miles and direction from nearest town or post office*
7 +/- MILES FROM OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
661' +/-

16. No. of Acres in Lease
880.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1800' +/-

19. Proposed Depth
10286 MD
5321 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
4682 KB

22. Approximate date work will start

24. Attachments

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- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
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- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>John Busch</i>	Name (Printed/Typed) JOHN BUSCH	Date 01/09/2003
Title OPERATIONS		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 02-13-03
Title	Office ENVIRONMENTAL SCIENTIST III	

Federal Approval of this Action is Necessary

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Additional Operator Remarks (see next page)

Electronic Submission #17435 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

REVISED
Bottom Hole
Integrates 1-9-03

** ORIGINAL **

RECEIVED

JAN 17 2003

DIV. OF OIL, GAS & MINING

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

SHENANDOAH ENERGY, INC.

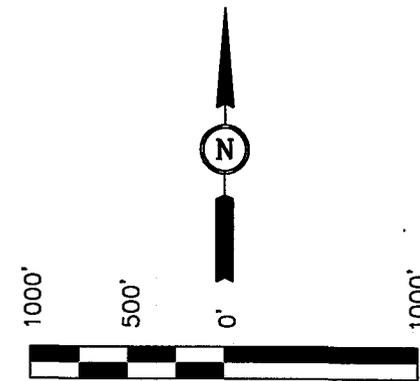
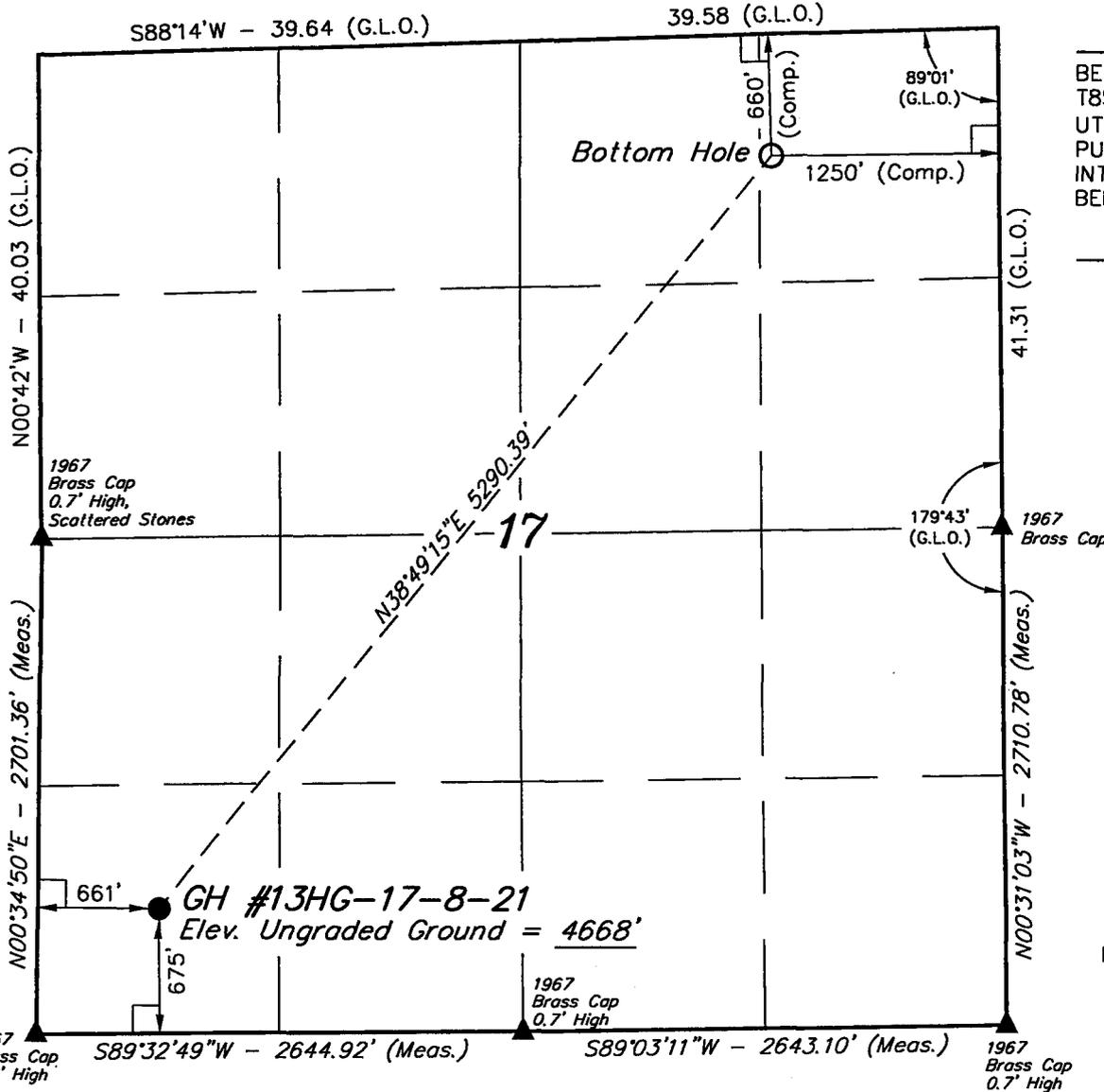
Well location, GH #13HG-17-8-21, located as shown in the SW 1/4 SW 1/4 of Section 17, T8S, R21E, S.L.B.&M. Uintah County, Utah.

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, UINTAH 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.



SCALE
CERTIFICATE

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

Robert J. Cox
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 KAY

REVISED: 01-08-03 D.COX
 REVISED: 09-19-02 D.COX

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°07'03.59" (40.117664)
 LONGITUDE = 109°35'07.92" (109.585533)

SCALE 1" = 1000'	DATE SURVEYED: 07-11-02	DATE DRAWN: 07-16-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE SHENANDOAH ENERGY, INC.	

DRILLING PROGRAM

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:

<u>Formation</u>	<u>TMD</u>	<u>TVD</u>
Uinta	Surface	Surface
Green River	2519'	2519'
Mahogany Ledge	3384'	3384'
..Kick off depth	4825'	4825'
G1 Lime	5605'	5187'
TD (Green River)	10,286'	5321'

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 expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>TMD</u>	<u>TVD</u>
Oil/Gas	Green River	10,286'	5321'

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 State of Utah that form OGC-8-X is acceptable. If no 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.

REVISED

DRILLING PROGRAM

3. Surface Ownership

The well pad and access road are located on lands owned by the Ute Tribe.

4. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 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 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out and weekly. All tests shall be for a period of 15 minutes

5. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	500'	12-1/4"	9-5/8"	K-55	36lb/ft (new)
Intermediate	5533 MD (5300 TVD)	8-3/4"	7"	J-55 – N-80 (First 500' & Last 500') (new)	
Production	10,286'	7-7/8"	6-1/8"	Complete as open hole with 2 7/8" tubing from surface to 5500'	

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes

DRILLING PROGRAM

- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
 - G. A continuous pilot (ignited when drilling below 500') shall provide Blooie line ignition.
 - H. Compressor shall be tied directly to the blooie line through a manifold.
 - I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
7. 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 chromate's 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 9.5 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.

8. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

- C. Formation and Completion Interval: Green River 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.

REVISED

9. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type & Additives</u>
Surface	285 sx	Premium Plus single slurry mixed to 15.6 ppg, yield = 1.18 cf/sx. Fill to surface with 160 cf (285 sx) calculated. Tail plug used. Allowed to set under pressure
Production	480 sx* Lead 452 sx* Tail	Lead/Tail oilfield type cement circulated in place. Tail slurry: Extended Class "G" + gilsonite and additives as required, mixed to 14.35 ppg, yield = 1.25 cf/sx. Fill to 5533' ($\pm 300'$ above top of Lower Green River). Cement Characteristics: Lead slurry: Extended, Lite, Hi-fill + extender and additives as required, mixed to 11.0 ppg, yield = 3.81 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

*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.

10. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S 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 4144.4 psi. Maximum anticipated bottom hole temperature is 140° F.

REVISED

SHENANDOAH ENERGY INC.
GYPSUM HILLS #13HG-17-8-21
675' FSL, 661' FWL
660' FNL, 1250' FEL
SWSW, SECTION 17, T8S, R21E
NWNE, SECTION 17, T8S, R21E
UINTAH COUNTY, UTAH
LEASE # U-68219

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 17 miles from Ouray, Utah.

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

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

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

Please refer to Topo Map C.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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

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

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

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

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe
PO Box 190
Ft. Duchesne, Utah 84026
(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

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.

Shenandoah Energy Inc. will be 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 Shenandoah Energy 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.

John Busch

John Busch

Red Wash Operations Representative

09-Jan-03

Date

CONFIDENTIAL

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 5321'TVD and 10286' TMD to test the Green River. 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 requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy 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. UT-1237. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

REVISED

SHENANDOAH ENERGY INC.

GH #13HG-17-8-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 17, T8S, R21E, S.L.B.&M.

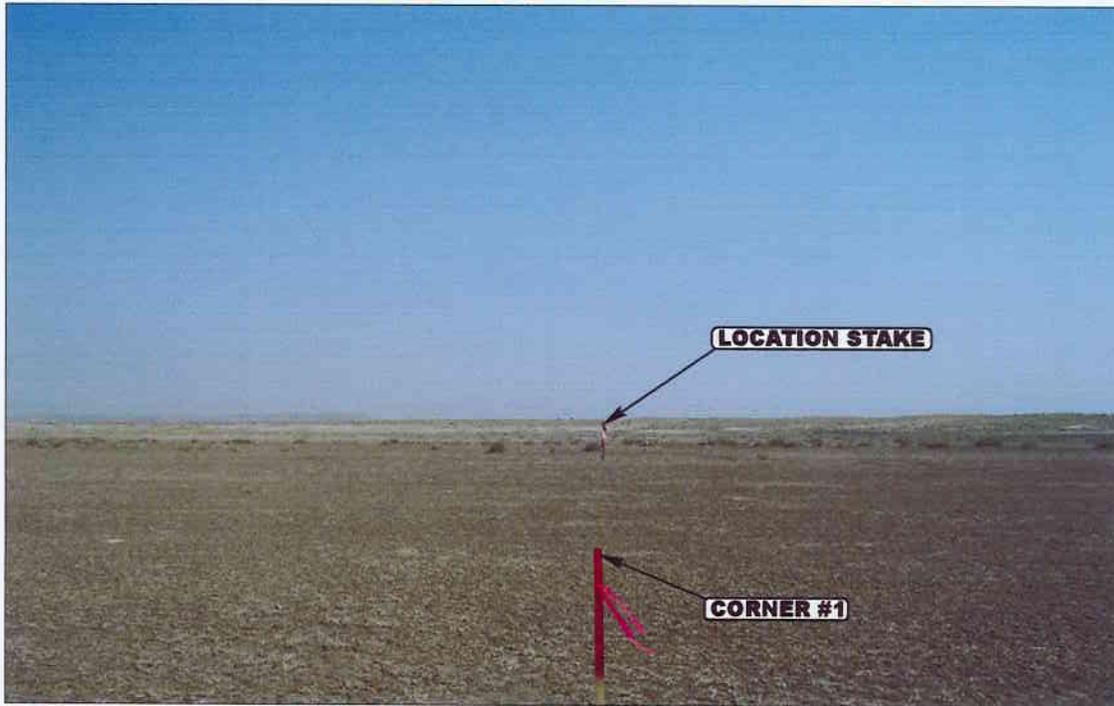


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



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

LOCATION PHOTOS

6 14 02
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: K.G.

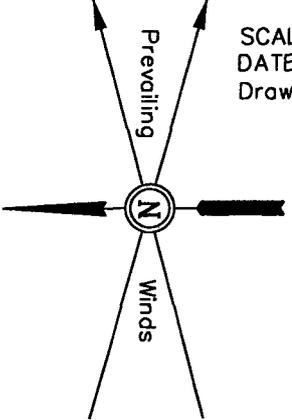
REVISED: 00-00-00

SHENANDOAH ENERGY, INC.

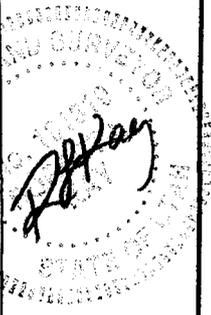
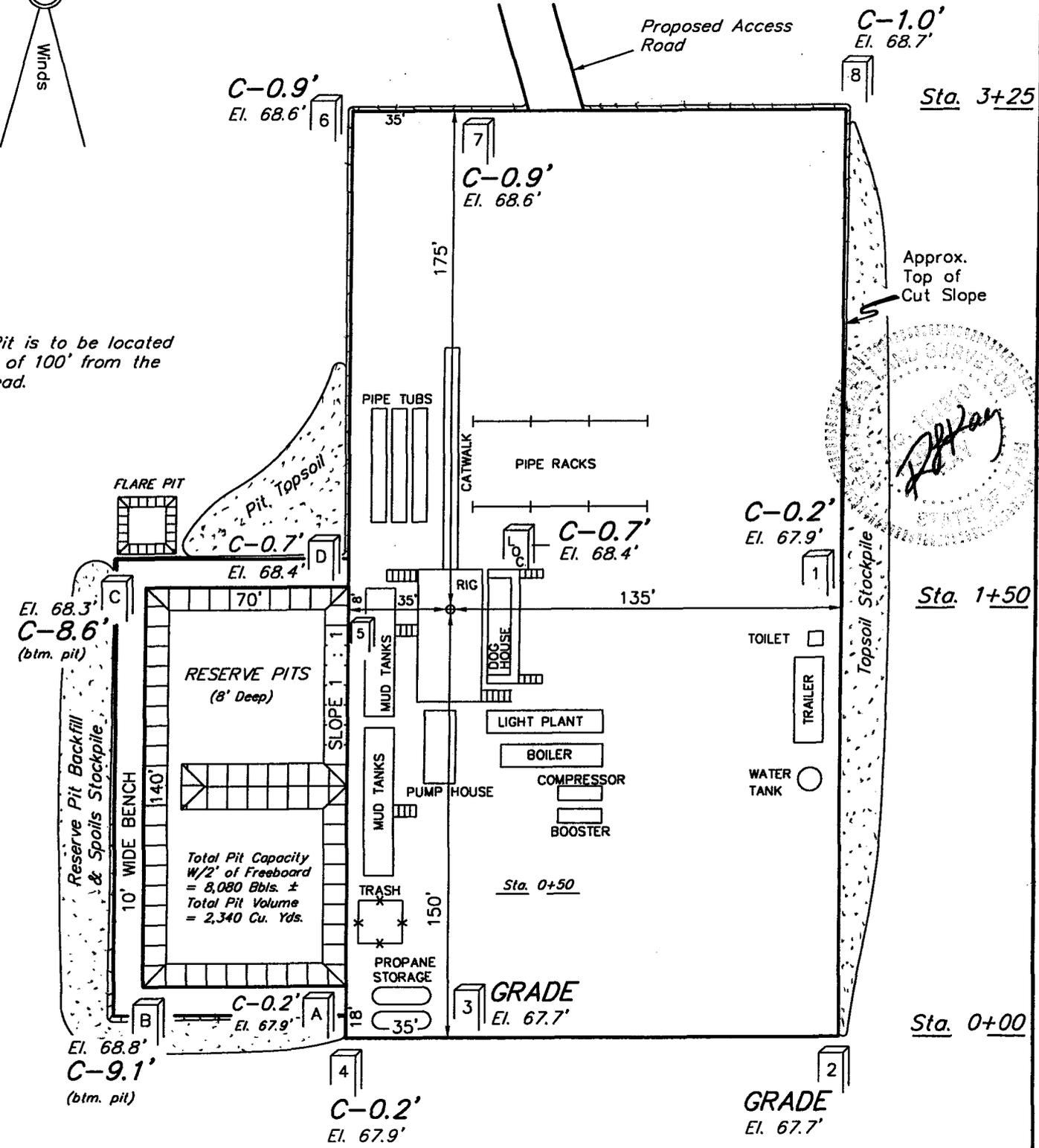
FIGURE #1

SCALE: 1" = 50'
 DATE: 07-16-02
 Drawn By: D.COX

LOCATION LAYOUT FOR
 GH #13HG-17-8-21
 SECTION 17, T8S, R21E, S.L.B.&M.
 675' FSL 661' FWL



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



NOTES:
 Elev. Ungraded Ground At Loc. Stake = 4668.4'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4667.7'

SHENANDOAH ENERGY, INC.

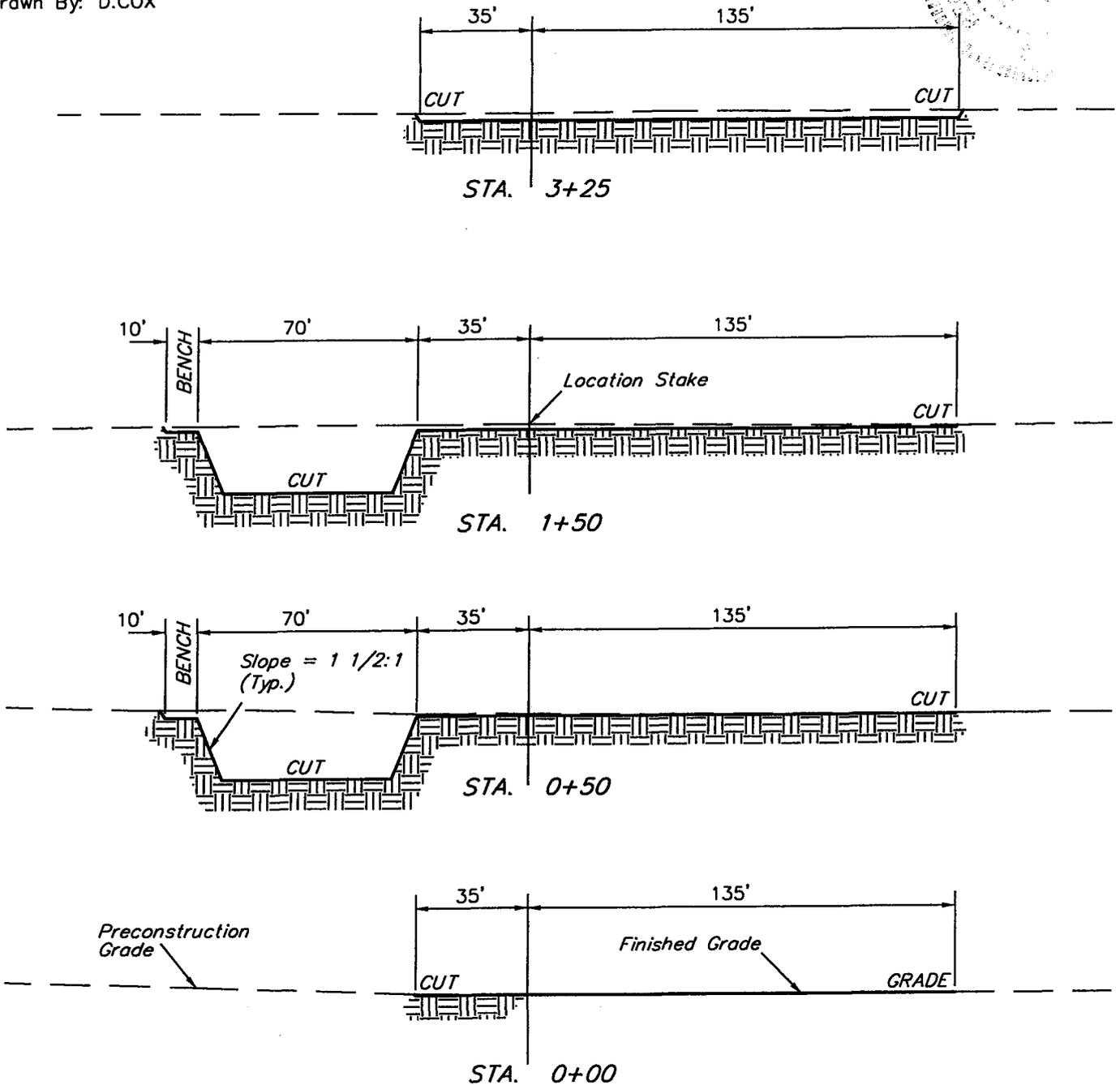
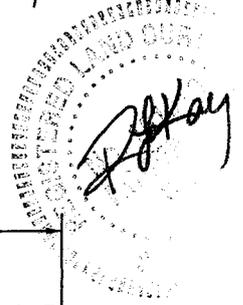
FIGURE #2

TYPICAL CROSS SECTIONS FOR

GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL

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

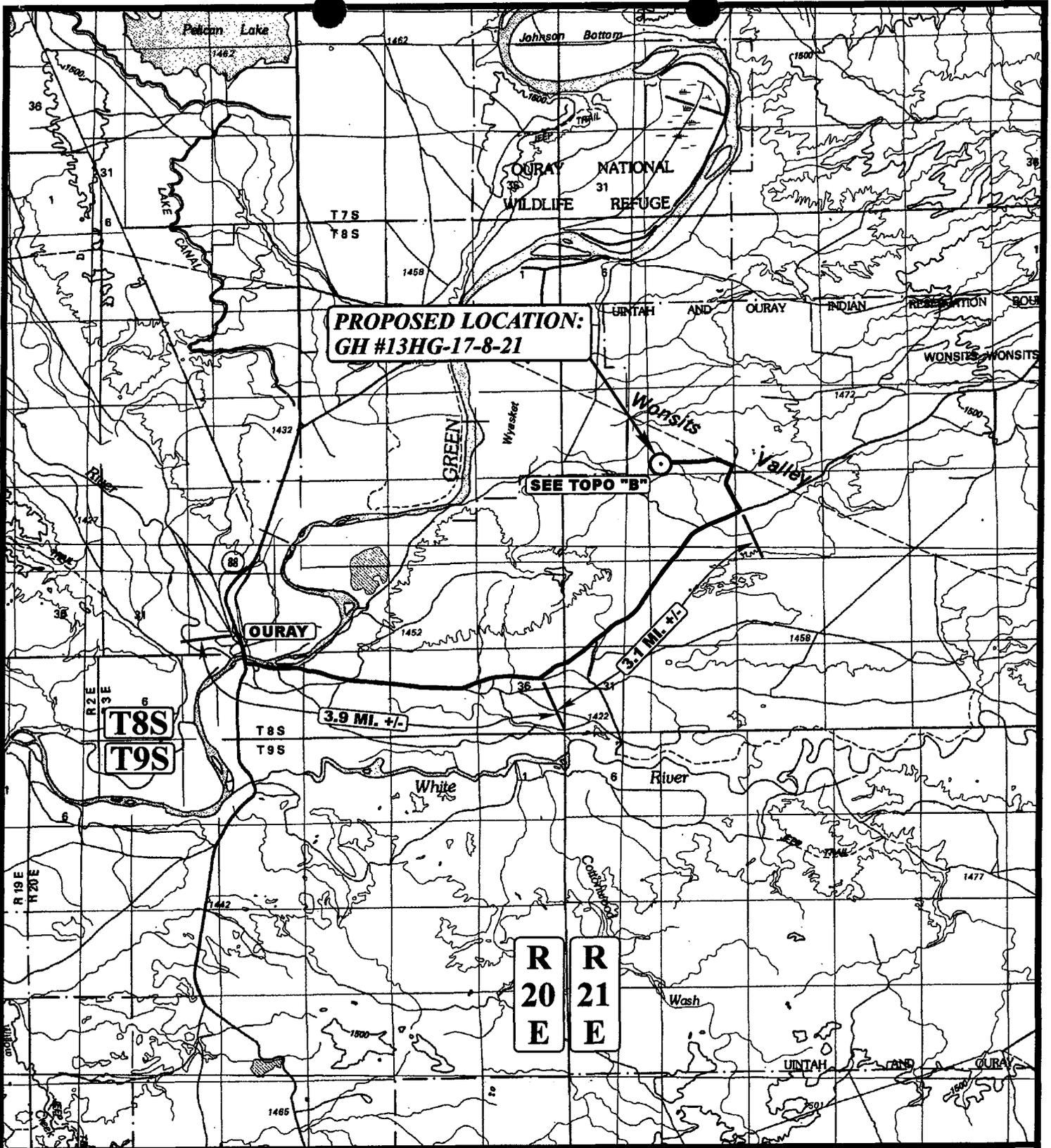
DATE: 07-16-02
Drawn By: D.COX



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,520 Cu. Yds.
Remaining Location	= 2,240 Cu. Yds.
TOTAL CUT	= 4,760 CU.YDS.
FILL	= 1,020 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,690 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,690 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**PROPOSED LOCATION:
GH #13HG-17-8-21**

SEE TOPO "B"

3.9 MI. +/-

3.7 MI. +/-

**T8S
T9S**

**R 20
E** **R 21
E**

LEGEND:

○ PROPOSED LOCATION

SHENANDOAH ENERGY, INC.

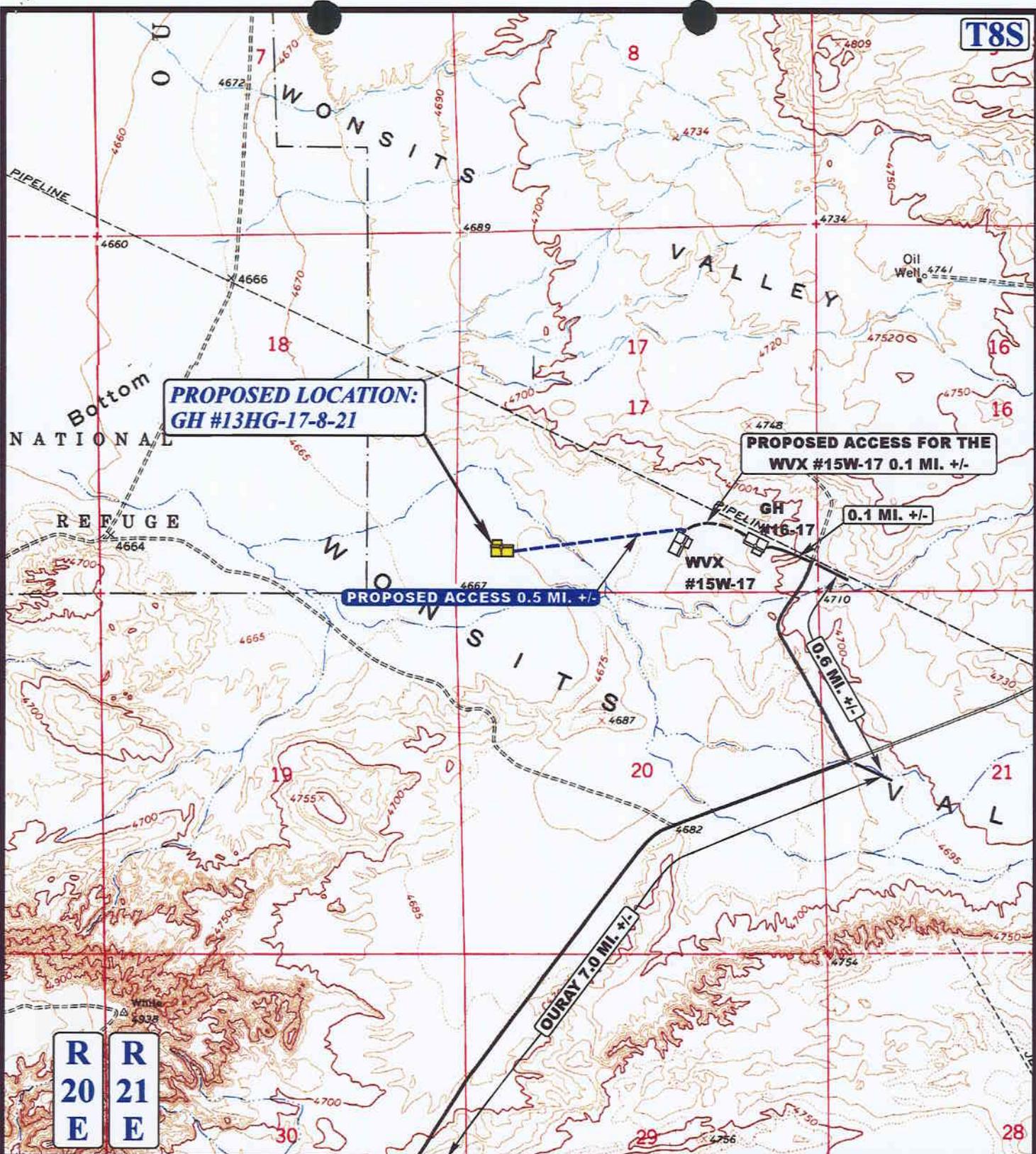
**GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL**

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

TOPOGRAPHIC **7 16 02**
MAP **MONTH DAY YEAR**
SCALE: 1:100,000 **DRAWN BY: K.G.** **REVISED: 00-00-00**



T8S



R	R
20	21
E	E

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



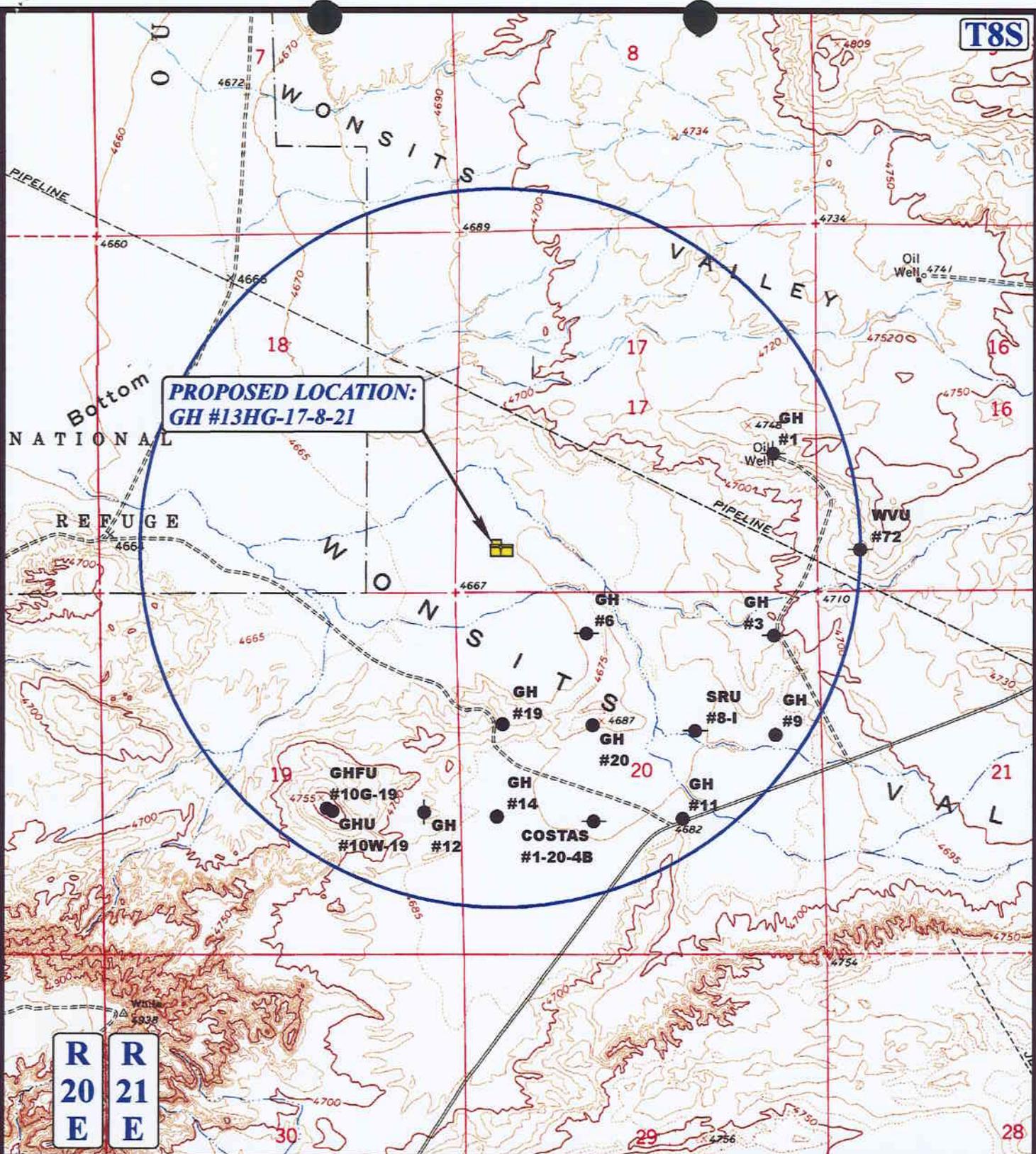
SHENANDOAH ENERGY INC.

GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL

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

TOPOGRAPHIC MAP	7	16	02	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: K.G.		REVISED: 00-00-00

T8S



**PROPOSED LOCATION:
GH #13HG-17-8-21**

**R R
20 21
E E**

LEGEND:

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



SHENANDOAH ENERGY INC.

**GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL**

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

TOPOGRAPHIC MAP 7 16 02
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



AFFIDAVIT

STATE OF UTAH

COUNTY OF UINTAH

John Busch, of lawful age, being first duly sworn, upon oath deposes and says:

THAT affiant is employed by Shenandoah Energy Inc. in the position of Operations Representative and is familiar with company activity in the Uintah Basin.

THAT affiant is familiar with the oil and gas mineral and leasehold ownership in the following described land in the County of Uintah, State of Utah, to wit:

Township 8 South, Range 21 East
Section 17: ALL

THAT Shenandoah Energy Inc. has proposed drilling the Gypsum Hills Extension 13HG-17-8-21Horizontal well to be located in the section above described on a temporary 640 acre spacing unit consisting of the governmental section.

THAT Shenandoah Energy Inc. is the sole owner in the section above described. (The use of the Word owner herein is a defined in R649-1 of the Utah Division of Oil, Gas and Mining, Oil and Gas General Rules.)

FURTHER affiant sayeth not.

John Busch
John Busch

STATE OF UTAH

COUNTY OF UINTAH

Subscribed and sworn to before me this 6 day of February, 2003.

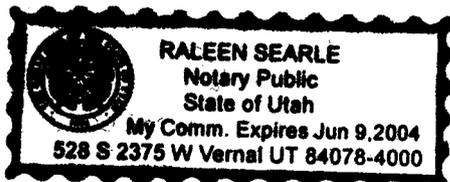
My Commission expires:

June 9, 2004

Raleen Searle

Notary Public for the
State of Utah
Residing at

528 South 2375 West
Vernal, UT 84078



RECEIVED

FEB 07 2003

DIV. OF OIL, GAS & MINING



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

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

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

February 13, 2003

Shenandoah Energy Inc.
11002 E 17500 S
Vernal, UT 84078

Re: Gypsum Hills 13HG-17-8-21 Well, Surface Location 675' FSL, 661' FWL, SW SW, Sec. 17, T. 8 South, R. 21 East, Bottom Location 660' FNL, 1250' FEL, NE NE, Sec. 17, 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.

Administrative approval for an exception location is hereby granted on the condition that if the well is productive from the horizontal wellbore, the operator agrees to come before the Board of Oil, Gas and Mining seeking appropriate spacing.

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 43-047-34723.

Sincerely,

John R. Baza
Associate Director

pb

Enclosures

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

Operator: Shenandoah Energy Inc.
Well Name & Number Gypsum Hills 13HG-17-8-21
API Number: 43-047-34723
Lease: U-68219

Surface Location: SW SW **Sec.** 17 **T.** 8 South **R.** 21 East
Bottom Location: NE NE **Sec.** 17 **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

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

009

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		CONFIDENTIAL		5. Lease Serial No. UTU68219
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name
2. Name of Operator SHENANDOAH ENERGY INC		Contact: JOHN BUSCH E-Mail: john.busch@questar.com		7. If Unit or CA Agreement, Name and No.
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		8. Lease Name and Well No. GYPSUM HILLS 13HG-17-8-21
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 675FSL 661FWL At proposed prod. zone NENE 660FNL 1250FEL				9. API Well No. 43-047-34723-00-X1
14. Distance in miles and direction from nearest town or post office* 7 +/- MILES FROM OURAY, UTAH				10. Field and Pool, or Exploratory UNKNOWN
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 661' +/-		16. No. of Acres in Lease 880.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 17 T8S R21E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1800' +/-		19. Proposed Depth 10286 MD 5321 TVD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4682 KB		22. Approximate date work will start		13. State UT
				17. Spacing Unit dedicated to this well 40.00
				20. BLM/BIA Bond No. on file UT1237
				23. Estimated duration 10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) JOHN BUSCH	Date 09/20/2002
Title OPERATIONS		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) HOWARD B CLEAVINGER II	Date 03/04/2003
Title AFM FOR MINERAL RESOURCES		
Office Vernal		

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #14101 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 10/01/2002 (03LW0002AE)

RECEIVED

MAR 05 2003

email

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 5309'TVD and 8918' TMD to test the Wasatch. 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 requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy 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. U-0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

Revisions to Operator-Submitted EC Data for APD #14101

	Operator Submitted	BLM Revised (AFMSS)
Lease:	U-68219	UTU68219
Agreement:	N/A	
Operator:	SHENANDOAH ENERGY INC. 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323	SHENANDOAH ENERGY INC 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526 Ph: 435.781.4300 Fx: 435.781.4329
Admin Contact:	JOHN BUSCH OPERATIONS 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323 E-Mail: jbusch@shenandoahenergy.com	JOHN BUSCH OPERATIONS 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526 Ph: 435.781.4341 Fx: 435.781.4323 E-Mail: john.busch@questar.com
Tech Contact:		
Well Name: Number:	GYPSUM HILLS 13HG-17-8-21	GYPSUM HILLS 13HG-17-8-21
Location: State: County: S/T/R: Surf Loc:	UT UINTAH Sec 17 T8S R21E Mer SLB SWSW 675FSL 661FWL	UT UINTAH Sec 17 T8S R21E Mer SLB SWSW 675FSL 661FWL
Field/Pool:	UNDESIGNATED FIELD	UNKNOWN
Bond:	U-0969	UT1237

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: GYPSUM HILLS 13HG-17-8-21

API Number: 43-047-34723

Lease Number: UTU – 68219

Surface Location: SWSW Sec. 17 TWN: 08S RNG: 22E

Bottom Hole Location: NENE Sec. 17 TWN: 08S RNG: 22E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

No other wells with a G1 Lime target in the Green River Formation will be allowed in the NESW, SWNE, or the NENE of Section 17, Township 8 South, Range 21 East, Uintah County, Utah.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 2,547$ ft.

A casing integrity test must be run on the intermediate casing after the well is drilled prior to initial completion of the well. **Notify the BLM 24 hours prior to conducting the casing integrity test.**

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Shenandoah Energy, Inc. (Shenandoah) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Shenandoah personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Shenandoah employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah & Ouray Indian Reservation.

Shenandoah employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Shenandoah will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of-Way (ROW). Shenandoah shall receive written notification of authorization or denial of the requested modification. Without authorization, Shenandoah will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Shenandoah shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified Archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline. Shenandoah is to inform contractors to maintain construction of the pipelines within the approved ROW.

A corridor ROW, 30 feet wide and 2614 feet long, was granted for the new access road for this well. A pipeline route will be determined later and an approved route determined with BIA approval prior to installation of the pipeline. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves, deep cuts and fills occur; or, where intersections with other roads are required. Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, Shenandoah will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion. When each pipeline has been constructed and completed as built descriptions will be filed with the Ute Tribal Energy & Minerals Department.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Shenandoah will implement "Safety and Emergency Plan" and ensure plan compliance.

Shenandoah shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontologic resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Shenandoah employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontologic fossils. No significant cultural resources shall be disturbed.

Shenandoah will control noxious weeds on the well site and ROWs. Shenandoah will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner to conserve fluids. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads and on other existing roads then pulled into place with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Before the site is abandoned, Shenandoah will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated by reseeded all disturbed areas.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-68219	
2. Name of Operator SHENANDOAH ENERGY		6. If Indian, Allottee or Tribe Name N/A	
3a. Address 11002 E. 17500 S. VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. N/A	
3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.781.4357		8. Well Name and No. GYPSUM HILLS 13HG 17-8-21	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T8S R21E SWSW 675FSL 661FWL		9. API Well No. 43-047-34723	
		10. Field and Pool, or Exploratory UNDESIGNATED	
		11. County or Parish, and State UINTAH COUNTY, UT	

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

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

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

This well was spud on 4/09/03. Drill 12 1/4" hole to 484'KB. Ran 10 joints 9-5/8" 36# csg to 470'KB.

This well's Surface Location 675' FSL, 661' FWL, SWSW, Sec 17, T8S, R21E, Bottom Location 660' FNL, 1250' FEL, NENE, Sec 17, T8S, R21E.

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APR 22 2003

DIV. OF OIL, GAS & MINING

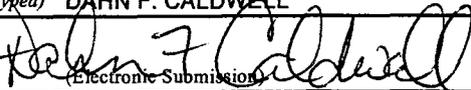
14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #20763 verified by the BLM Well Information System
For SHENANDOAH ENERGY, sent to the Vernal**

Name (Printed/Typed) DAHN F. CALDWELL

Title AUTHORIZED REPRESENTATIVE

Signature



Date 04/17/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ****

CONFIDENTIAL

011

State of Utah
Division of Oil, Gas and Mining

OPERATOR ACCT. No. N-4235

OPERATOR: **Shenandoah Energy, Inc.**
ADDRESS: **11002 East 17500 South
Vernal, Utah 84078-8526**

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B A	99999	13765	43-047-34723	GH 13HG 17 8 21	SWSW Surface	17	8S	21E	Uintah	4/09/03	4/30/03

WELL 1 COMMENTS:

New well to be drilled in Undesignated Field (Gypsum Hills). Not in the Wasatch participating area.

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WELL 2 COMMENTS:

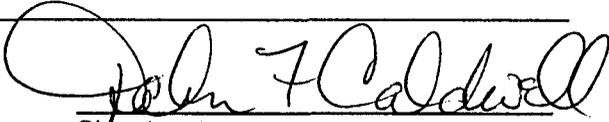
WELL 3 COMMENTS:

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

Clerk Specialist 4/17/03
Title Date

Phone No. (801) 781-4342

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

(3/89)

CONFIDENTIAL

APR 22 2003

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:
3106
(UT-924)

July 21, 2003

Memorandum

To: Vernal Field Office
From: **ACTING** Chief, Branch of Minerals Adjudication
Subject: Name Change Approval

Attached is an approved copy of the name change from BLM-Eastern States, which is recognized by the Utah State Office. We have updated our records to reflect:

The name change from Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated is effective July 23, 1999. The BLM Bond Number is ESB000024.

Mary Higgins
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Eastern States Letter
2. List of leases

cc: MMS, James Sykes, PO Box 25165, M/S 357 B1, Denver CO 80225
State of Utah, DOGM, Earlene Russell (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

RECEIVED

JUL 23 2003

DIV. OF OIL, GAS & MINING

Exhibit of Leases

UTSL-065342	UTU-0825	UTU-65472	UTU-74971
UTSL-065429	UTU-0826	UTU-65632	UTU-74972
UTSL-066409-A	UTU-0827	UTU-67844	UTU-75079
UTSL-066446	UTU-0828	UTU-68217	UTU-75080
UTSL-066446-A	UTU-0829	UTU-68218	UTU-75081
UTSL-066446-B	UTU-0830	UTU-68219	UTU-75082
UTSL-066791	UTU-0933	UTU-68220	UTU-75083
UTSL-069330	UTU-0971	UTU-68387	UTU-75084
UTSL-070932-A	UTU-0971-A	UTU-68620	UTU-75085
UTSL-071745	UTU-01089	UTU-69001	UTU-75086
UTSL-071963	UTU-02025	UTU-70853	UTU-75087
UTSL-071964	UTU-02030	UTU-70854	UTU-75088
UTSL-071965	UTU-02060	UTU-70855	UTU-75102
	UTU-02148	UTU-70856	UTU-75103
UTU-046	UTU-02149	UTU-71416	UTU-75116
UTU-055	UTU-02510-A	UTU-72066	UTU-75243
UTU-057	UTU-09613	UTU-72109	UTU-75503
UTU-058	UTU-09617	UTU-72118	UTU-75678
UTU-059	UTU-09809	UTU-72598	UTU-75684
UTU-080	UTU-011225-B	UTU-72634	UTU-76278
UTU-081	UTU-011226	UTU-72649	UTU-75760
UTU-082	UTU-011226-B	UTU-73182	UTU-75939
UTU-093	UTU-012457	UTU-73443	UTU-76039
UTU-01116	UTU-012457-A	UTU-73456	UTU-76482
UTU-0558	UTU-018260-A	UTU-73680	UTU-76507
UTU-0559	UTU-022158	UTU-73681	UTU-76508
UTU-0560	UTU-025960	UTU-73684	UTU-76721
UTU-0561	UTU-025962	UTU-73686	UTU-76835
UTU-0562	UTU-025963	UTU-73687	UTU-77063
UTU-0566	UTU-029649	UTU-73698	UTU-77301
UTU-0567	UTU-65471	UTU-73699	UTU-77308
UTU-0568	UTU-65472	UTU-73700	UTU-78021
UTU-0569	UTU-103144	UTU-73710	UTU-78028
UTU-0570	UTU-140740	UTU-73914	UTU-78029
UTU-0571	UTU-14219	UTU-73917	UTU-78214
UTU-0572	UTU-14639	UTU-74401	UTU-78215
UTU-0629	UTU-16551	UTU-74402	UTU-78216
UTU-0802	UTU-28652	UTU-74407	UTU-80636
UTU-0803	UTU-42050	UTU-74408	UTU-80637
UTU0804	UTU-43915	UTU-74419	UTU-80638
UTU0805	UTU-43916	UTU-74493	UTU-80639
UTU0806	UTU-43917	UTU-74494	UTU-80640
UTU0807	UTU-43918	UTU-74495	
UTU0809	UTU-56947	UTU-74496	
UTU0810	UTU-65276	UTU-74836	
UTU-0823	UTU-65404	UTU-74842	
UTU-0824	UTU-65471	UTU-74968	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

012

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

5. Lease Designation and Serial No.
UTU-68219

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
GHX 13HG-17-8-21

9. API Well No.
43-047-34723

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QEP UINTA BASIN INC.

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4309

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSW 675 FSL, 661 FWL, SECTION 17, T8S, R21E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>METER INSTALLATION</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)
QEP, Uintah Basin Inc. has installed a new Autograph meter to measure, make up the lease fuel being brought in to run the line heater for GHX 13HG-17-8-21.
Electric flow meter (Autograph) SN AO2J2010

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 8/7/2003
By: [Signature]

COPY SENT TO OPERATOR
Date: 8-8-03
Initials: UHO

14. I hereby certify that the foregoing is true and correct.
Signed Raleen Searle Title REGULATORY AFFAIRS ANALYST Date 7/29/03

(This space for Federal or State office use)
Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

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.

RECEIVED

JUL 31 2003

*See instruction on Reverse Side

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

013

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

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QEP UINTA BASIN, INC.

3. Address and Telephone No. Contact: ann.petrik@questar.com
11002 E. 17500 S. VERNAL, UT 84078-8526 435.781.4306 Fax 435.781.4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSW, Sec 17, T8S, R21E
660' FSL, 1250' FEL

CONFIDENTIAL

5. Lease Designation and Serial No.
UTU 68219

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.
GH 13HG 17 8 21

9. API Well No.
43-047-34723

10. Field and Pool, or Exploratory Area
UNDESIGNATED FIELD

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>DOFP</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)

This well commenced production on 7/03/03.

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

14. I hereby certify that the foregoing is true and correct.
Signed Ann Petrik Title Authorized Representative Date 7/31/03

(This space for Federal or State office use)
Approved by: _____ Title _____ Date _____

Conditions of approval, if any

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.

*See instruction on Reverse Side

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RECEIVED
AUG 05 2003
DIV. OF OIL, GAS & MINING

SEI (N4235) to QEP (N2460)

well name	Sec	T	R	api DOGM	Entity	type	stat	
WV 14W-4-8-21	04	080S	210E	4304734040		Federal	GW	APD C
WV 16W-4-8-21	04	080S	210E	4304734041		Federal	GW	APD C
WV 5W-36-7-21	36	070S	210E	4304734099	13807	State	GW	DRL C
WV 16W-31-7-22	31	070S	220E	4304734257		Federal	GW	APD C
RED WASH 16W-19-7-22	19	070S	220E	4304734258		Federal	GW	APD C
WV 9W-16-7-21	16	070S	210E	4304734324		State	GW	APD
GH 6W-20-8-21	20	080S	210E	4304734331		Federal	GW	APD C
WV 10W-23-8-21	23	080S	210E	4304734341	13766	Federal	GW	PA C
WV 11W-23-8-21	23	080S	210E	4304734342		Federal	GW	APD C
WV 13W-23-8-21	23	080S	210E	4304734344		Federal	GW	APD C
WV 14W-23-8-21	23	080S	210E	4304734345		Federal	GW	APD C
WV 15W-23-8-21	23	080S	210E	4304734346		Federal	GW	APD C
WV 7W-31-7-22	31	070S	220E	4304734379		Federal	GW	APD C
WV 9W-30-7-22	30	070S	220E	4304734381		Federal	GW	APD C
WV 10W-25-7-21	25	070S	210E	4304734382		Federal	GW	APD C
WV 10W-26-7-21	26	070S	210E	4304734383		Federal	GW	APD C
WV 14W-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	DRL C
WV 15W-27-7-21	27	070S	210E	4304734385		Federal	GW	APD C
GH 8W-20-8-21	20	080S	210E	4304734393		Federal	GW	APD C
SU PURDY 3W-30-7-22	30	070S	220E	4304734394		Federal	GW	APD C
STIRRUP UNIT 10G-5-8-22	05	080S	220E	4304734396		Federal	OW	APD C
WV 10W-35-7-21	35	070S	210E	4304734397		Federal	GW	APD C
WV 16G-6-8-22	06	080S	220E	4304734404		Federal	OW	APD C
SU 4W-26-7-21	26	070S	210E	4304734408		Federal	GW	APD C
STIRRUP U 12W-6-8-22	06	080S	220E	4304734449		Federal	GW	APD C
STIRRUP U 10W-6-8-22	06	080S	220E	4304734451		Federal	GW	APD C
STIRRUP U 8W-5-8-22	05	080S	220E	4304734453		Federal	GW	APD C
STIRRUP U 6W-5-8-22	05	080S	220E	4304734454		Federal	GW	APD C
WV EXT 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P C
STIRRUP U 7G-5-8-22	05	080S	220E	4304734609		Federal	OW	APD C
STIRRUP U 9G-5-8-22	05	080S	220E	4304734610		Federal	OW	APD C
STIRRUP U 9G-6-8-22	06	080S	220E	4304734611		Federal	OW	APD C
OU GB 10W-16-8-22	16	080S	220E	4304734616		State	GW	APD C
OU GB 14W-16-8-22	16	080S	220E	4304734619		State	GW	APD C
OU GB 16W-20-8-22	20	080S	220E	4304734633		Federal	GW	APD C
OU WIH 15W-21-8-22	21	080S	220E	4304734634		Federal	GW	APD C
OU GB 8W-17-8-22	17	080S	220E	4304734647		Federal	GW	APD C
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	DRL C
OU GB 16W-16-8-22	16	080S	220E	4304734655	13815	State	GW	DRL C
OU GB 1W-16-8-22	16	080S	220E	4304734656		State	GW	APD C
OU GB 8W-16-8-22	16	080S	220E	4304734660	13769	State	GW	DRL C
OU GB 3W-15-8-22	15	080S	220E	4304734677		Federal	GW	APD C
OU GB 4W-21-8-22	21	080S	220E	4304734685	13772	Federal	GW	P C
OU WIH 2W-21-8-22	21	080S	220E	4304734687	13837	Federal	GW	PA C
OU GB 9W-16-8-22	16	080S	220E	4304734692		State	GW	APD C
OU WIH 1W-21-8-22	21	080S	220E	4304734693		Federal	GW	APD C
OU GB 7G-19-8-22	19	080S	220E	4304734694		Federal	OW	APD C
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P C
OU GB 8W-20-8-22	20	080S	220E	4304734706		Federal	GW	APD C
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	DRL C
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	DRL C
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	DRL C
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	DRL C
OU SG 12W-15-8-22	15	080S	220E	4304734714	13828	Federal	GW	DRL C
OU SG 5W-15-8-22	15	080S	220E	4304734715		Federal	GW	APD C
OU SG 6W-15-8-22	15	080S	220E	4304734716	13865	Federal	GW	PA C
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	DRL C

SEI (N4235) to QEP (N2460)

well_name	Sec	T	R	api DOGM	Entity	type	stat		
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	C
OU SG 1W-15-8-22	15	080S	220E	4304734720		Federal	GW	APD	C
OU SG 2W-15-8-22	15	080S	220E	4304734721		Federal	GW	APD	C
OU SG 7W-15-8-22	15	080S	220E	4304734722		Federal	GW	APD	C
GYP SUM HILLS 13HG-17-8-22	17	080S	210E	4304734723	13765	Federal	GW	DRL	C
OU GB 14SG-29-8-22	29	080S	220E	4304734743		Federal	GW	APD	C
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	DRL	C
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	C
OU GB 6W-21-8-22	21	080S	220E	4304734755	13751	Federal	GW	P	C
OU SG 10W-10-8-22	10	080S	220E	4304734764		Federal	GW	DRL	C
OU SG 15W-10-8-22	10	080S	220E	4304734765	13849	Federal	GW	DRL	C
OU GB 14W-10-8-22	10	080S	220E	4304734768	13781	Federal	GW	P	C
OU SG 16W-10-8-22	10	080S	220E	4304734784	13777	Federal	GW	P	C
OU GB 15G-16-8-22	16	080S	220E	4304734829		State	OW	DRL	
BASER WASH 6W-7-7-22	07	070S	220E	4304734837		Federal	GW	APD	C
GB 5G-15-8-22	15	080S	220E	4304734876		Federal	OW	APD	C
GB 4G-21-8-22	21	080S	220E	4304734882		Federal	OW	APD	C
W IRON HORSE 2W-28-8-22	28	080S	220E	4304734883		Federal	GW	APD	C
OU GB 8WX-29-8-22	29	080S	220E	4304734884		Federal	GW	APD	C
GB 7W-36-8-21	36	080S	210E	4304734893		State	GW	APD	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	DRL	
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	APD	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	APD	
N DUCK CREEK 3M-27-8-22	27	080S	210E	4304734900		Federal	GW	APD	C
N DUCK CREEK 9M-22-8-22	22	080S	210E	4304734901		Federal	GW	APD	C
N DUCK CREEK 11M-22-8-22	22	080S	210E	4304734902		Federal	GW	APD	C
NDC 10W-25-8-21	25	080S	210E	4304734923		Federal	GW	APD	C
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	DRL	
GB 4W-36-8-21	36	080S	210E	4304734926		State	GW	APD	
WV EXT 1W-17-8-21	17	080S	210E	4304734927		Federal	GW	APD	C
WV EXT 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	DRL	C
NDC 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	DRL	C
NDC 9M-27-8-21	27	080S	210E	4304734956		Federal	GW	APD	C
NDC 1M-27-8-21	27	080S	210E	4304734957		Federal	GW	APD	C
NDC 15M-28-8-21	28	080S	210E	4304734958		Federal	GW	APD	C
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	NEW	
RED WASH U 34-27C	27	070S	240E	4304735045		Federal	GW	APD	C
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	13544	Federal	GW	DRL	C
WRU EIH 9W-26-8-22	26	080S	220E	4304735047		Federal	GW	APD	C
WRU EIH 15W-26-8-22	26	080S	220E	4304735048		Federal	GW	APD	C
WRU EIH 1W-35-8-22	35	080S	220E	4304735049		Federal	GW	APD	C
WRU EIH 9W-35-8-22	35	080S	220E	4304735050		Federal	GW	APD	C
WRU EIH 7W-35-8-22	35	080S	220E	4304735051		Federal	GW	APD	C
WRU EIH 2W-35-8-22	35	080S	220E	4304735052		Federal	GW	APD	C

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

014

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		2/1/2003
FROM: (Old Operator):	TO: (New Operator):	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	

CA No.

Unit:

WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
BASER WASH 6W-7-7-22	07	070S	220E	4304734837		Federal	GW	APD	C
GYP SUM HILLS 13HG-17-8-21	17	080S	210E	4304734723	13765	Federal	GW	DRL	C
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	C
OU SG 10W-10-8-22	10	080S	220E	4304734764		Federal	GW	DRL	C
OU SG 15W-10-8-22	10	080S	220E	4304734765	13849	Federal	GW	DRL	C
OU GB 14W-10-8-22	10	080S	220E	4304734768	13781	Federal	GW	P	C
OU SG 16W-10-8-22	10	080S	220E	4304734784	13777	Federal	GW	P	C
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	DRL	C
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	C
OU SG 1W-15-8-22	15	080S	220E	4304734720		Federal	GW	APD	C
OU SG 2W-15-8-22	15	080S	220E	4304734721		Federal	GW	APD	C
OU SG 7W-15-8-22	15	080S	220E	4304734722		Federal	GW	APD	C
GB 5G-15-8-22	15	080S	220E	4304734876		Federal	OW	APD	C
OU GB 15G-16-8-22	16	080S	220E	4304734829		State	OW	DRL	
OU GB 6W-21-8-22	21	080S	220E	4304734755	13751	Federal	GW	P	C
GB 4G-21-8-22	21	080S	220E	4304734882		Federal	OW	APD	C
W IRON HORSE 2W-28-8-22	28	080S	220E	4304734883		Federal	GW	APD	C
OU GB 14SG-29-8-22	29	080S	220E	4304734743		Federal	GW	APD	C
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	DRL	C
OU GB 8WX-29-8-22	29	080S	220E	4304734884		Federal	GW	APD	C

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: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **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: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **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: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 9/11/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/11/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

CONFIDENTIAL

Jim Simonton

From: Kevin OConnell
Sent: Monday, August 04, 2003 3:47 PM
To: Raleen Searle; Dahn Caldwell
Cc: John Busch; Green River Team; Jim Simonton
Subject: GHX 13HG-17-8-21 (Bottomhole Location)

Folks,

I am sending over a summary report that Weatherford prepared on the directional drilling of this G-1 Horizontal well. Some of it may be needed to submit with the completion reports for this well. Below is what I have calculated for 2 major points in the well (Bottom of 7" casing & Total Depth):

Surface Location: 675' FSL x 661' FWL, SW SW of Section 17 – T8S- R21E

1) 7.00-inch Casing shoe depth 5800' MD (measured Depth) , 5320.63 TVD (true vertical depth), approx 88-degree inclination.

Referenced to surface location/wellhead the casing shoe is 698.9 feet North and 918.5 feet East of surface.

Referenced to the SW corner of Section 17, this same point, the casing shoe is located 1373.9 feet FSL (from South line) and 1579.50 feet FWL (from West Line).

2) Total Depth: the 6-1/8 inch open hole goes from 5800' to 7159' MD. The well was TD'd at 7159' MD, which is 5312' TVD.

Referenced to the surface location/wellhead the end of the well is 1787.8 feet North and 1400.2 feet East of surface.

Referenced to the SW corner of Section 17 (and this is what I assume you need for the completion report) the end of the well is located 2462.8 feet FSL (From South Line) and 2061.2 feet FWL (from West Line), which is in the NE/4 of NE/4 of SW/4 of Section 17-T8S-R22E.

Please call with any questions.

Kevin E. O'Connell
Questar E & P
w:303-308-3059
c:303-883-4124

FIELD: Undesignated

GL: 466' KBE: 4691'

Spud date: 4-10-03

Completion Date: 7/7/2003

WELL NAME: GHX 13HG-17-8-21

TVD: 5312' MD: 7159'

Current Well Status: Pumping Oil Well - Horizontal G-1 Lime

Location at surface: SWSW Sec. 17, T8S, R21E
API # 43-047-34723
Uintah County, Utah

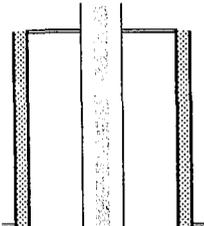
Reason for Pull/Workover:

CONFIDENTIAL

Wellbore Schematic

Surface casing

Size: 9-5/8"
Weight: 36#
Grade J-55
Cemented
w/175 sks
Set @ 470'
Hole size 12 1/4"



TOC - unknown
No bond log run.
OPEN PERFS

EXCLUDED PERFS

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		22.50	22.50
Stretch		1.25	23.75
150 jts tubing	2-7/8"	4716.75	4740.50
TAC	7"	2.34	4742.84
10' pup jt.	2-7/8"	10.15	4752.99
PSN	2-7/8"	1.10	4754.09
1 jt.	2-7/8"	31.36	4785.45
4' perf pup	2-7/8"	4.06	4789.51
6' pup	2-7/8"	6.03	4795.54
Pinned collar	2-7/8"	0.45	4795.99
EOT			4795.99

Tubing Information

Condition: _____
New: Used: _____ Rerun: _____
Grade: J-55
Weight (#/ft): 6.50

Sucker Rod Detail:

Size	Rods	Type
1-1/2" x 26' polish rod		
1-2' 2 - 6" x 7/8" ponies		
87 - 7/8" plain		
90 - 3/4" plain		
10 - 3/4" guided		

Rod Information

Condition: _____
New: USED _____ RERUN _____
Grade: High strength
Manufacture: Weatherford

Pump Information:

API Designation 2-1/2" x 1-3/4" x 20 x 21 x 21-1/2" RHAC w/180" stroke
Example:
Pump SN#: 1439 Original Run Date: 7/3/2003
RERUN _____ NEW RUN

ESP Well

Cable Size: _____
Pump Intake @ _____ ' PKR @ _____
End of Pump @ _____ ' EOT @ _____

Flowing Well

Wellhead Detail:

7 1/16" 2000# _____
7 1/16" 3000#
7 1/16" 5000# _____
Other: _____
HANGER YES _____ No

Summary

Initial completion: RIH w/bit, bit sub w/float & 2-7/8" tubing. Drilled up composite BP @ 4500'. Plug fell free. RIH to 5762' MD & circulate clean. POOH & LD bit. RIH with production tubing & landed. Run pump & rods, test & turn to production. 12/8/03 BROKE PLOISH ROD, Fished, Ran 26' added a 2' pony (RGD)

Kick off point - 5320'
Drilled 1240' @
90 degree angle.

Open hole completion.

Production casing

Size: 7"
Weight: 23#
Grade L-80 & N-80
Cemented
w/655 sks
Set @ 5800' MD,
Hole size 8-3/4"

PERC DIRECTIONAL REPORT

WELLNAME: GHX 13HG-17-8-21
FIELD: UNDESIGNATED
AFE NO.: 18932
WELL ID NO.: UT08852001
API NO.: 43-047-34723

SURVEY TYPE : MWD-0 MD : ANGLE : AZIMUTH : TVD :
N/S : E/W : VS : TARGET :

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
0	0.00	0.00	0	0.00	0.00	0.00	0.00
23	1.80	32.80	23	0.31	0.20	0.31	7.67
47	7.30	43.90	47	1.72	1.46	1.72	23.17
53	52.90	41.70	52	3.66	3.20	3.66	854.04
83			78	13.40	11.88	13.40	174.30
524	0.40	160.40	519	11.95	12.40	11.95	0.09
646	0.60	77.10	641	11.69	13.16	11.69	0.56
769	1.40	73.50	764	12.26	15.23	12.26	0.65
2,146	2.10	31.10	2,140	38.64	44.39	38.64	0.10
2,348	1.80	32.80	2,342	44.48	48.02	44.48	0.15
2,780	1.50	308.00	2,774	53.66	47.24	53.66	0.52
2,875	1.70	297.70	2,869	55.08	45.02	55.08	0.37
2,971	2.40	322.50	2,965	57.34	42.53	57.34	1.16
3,160	2.60	314.50	3,154	63.49	37.06	63.49	0.21
3,287	1.70	335.50	3,281	67.22	34.23	67.22	0.93
3,414	2.60	11.60	3,408	71.75	34.03	71.75	1.25
3,603	3.50	33.00	3,596	80.79	38.03	80.79	0.76
3,666	3.20	30.50	3,659	83.92	39.97	83.92	0.53
3,793	3.50	36.60	3,786	90.09	44.08	90.09	0.37
3,857	4.00	37.60	3,850	93.42	46.61	93.42	0.79
3,919	4.40	38.50	3,912	97.00	49.41	97.00	0.65
3,982	4.10	39.90	3,975	100.62	52.36	100.62	0.50
4,110	4.40	51.50	4,102	107.18	59.13	107.18	0.71
4,173	4.40	53.00	4,165	110.14	62.96	110.14	0.18
4,237	4.50	48.20	4,229	113.29	66.79	113.29	0.60
4,300	4.60	41.80	4,292	116.83	70.31	116.83	0.82
4,363	5.10	35.70	4,354	120.98	73.63	120.98	1.14
4,426	5.60	35.10	4,417	125.77	77.03	125.77	0.80
4,489	4.80	38.80	4,480	130.34	80.45	130.34	1.38
4,552	4.80	48.10	4,543	134.16	84.07	134.16	1.23
4,615	5.50	49.80	4,605	137.86	88.33	137.86	1.14
4,679	6.70	46.90	4,669	142.40	93.40	142.40	1.94
4,741	7.30	43.90	4,731	147.70	98.78	147.70	1.13
4,772	7.90	45.10	4,761	150.63	101.65	150.63	2.00
4,802	8.20	44.80	4,791	153.60	104.62	153.60	1.01
4,834	10.60	46.40	4,823	157.25	108.36	157.25	7.54
4,865	14.60	47.48	4,853	161.86	113.30	161.86	12.93
4,897	19.30	48.30	4,883	168.11	120.23	168.11	14.71
4,928	24.40	49.50	4,912	175.68	128.93	175.68	16.51
4,960	29.00	51.70	4,941	184.78	140.05	184.78	14.70
4,992	32.90	51.10	4,968	195.05	152.90	195.05	12.23
5,023	35.70	49.10	4,994	206.26	166.30	206.26	9.74
5,055	37.60	48.40	5,019	218.86	180.66	218.86	6.08
5,086	40.00	47.60	5,044	231.86	195.09	231.86	7.91
5,118	42.40	46.70	5,068	246.20	210.54	246.20	7.73
5,150	44.70	45.50	5,091	261.48	226.42	261.48	7.64
5,181	47.40	44.00	5,112	277.34	242.12	277.34	9.38
5,212	49.10	43.00	5,133	294.11	258.04	294.11	5.99
5,244	51.10	41.60	5,154	312.27	274.56	312.27	7.09
5,275	52.90	41.70	5,173	330.53	290.79	330.53	5.81
5,307	54.20	43.80	5,192	349.42	308.26	349.42	6.66
5,339	56.40	45.50	5,210	368.13	326.76	368.13	8.14
5,370	58.70	45.80	5,227	386.42	345.46	386.42	7.46
5,402	61.40	44.90	5,243	405.90	365.18	405.90	8.78
5,434	64.20	44.70	5,257	426.10	385.23	426.10	8.77
5,435	63.52	46.43	5,258	426.73	385.88	426.73	169.54
5,465	67.40	44.60	5,270	445.85	405.34	445.85	14.07

PERC

DIRECTIONAL REPORT

CONFIDENTIAL

WELLNAME: GHX 13HG-17-8-21
 FIELD: UNDESIGNATED
 AFE NO.: 18932

WELL ID NO.: UT08852001
 API NO.: 43-047-34723

SURVEY TYPE : MWD-0 MD : ANGLE : AZIMUTH : TVD :
 N/S : EW : VS : TARGET :

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
5,497	71.30	44.70	5,281	467.15	426.38	467.15	12.19
5,529	75.30	44.60	5,291	488.95	447.91	488.95	12.50
5,561	79.30	42.70	5,298	511.53	469.45	511.53	13.78
5,571	79.80	41.60	5,299	518.82	476.05	518.82	11.92
5,581	80.30	40.40	5,301	526.26	482.51	526.26	12.83
5,592	80.80	39.20	5,303	534.59	489.46	534.59	11.68
5,602	81.40	38.00	5,304	542.31	495.62	542.31	13.29
5,612	82.20	37.00	5,306	550.17	501.65	550.17	12.73
5,624	83.10	35.80	5,307	559.74	508.71	559.74	12.43
5,629	83.60	35.30	5,308	563.79	511.59	563.79	14.09
5,656	86.40	32.80	5,310	586.07	526.65	586.07	13.88
5,687	89.00	29.60	5,312	612.56	542.69	612.56	13.29
5,719	87.70	29.10	5,312	640.44	558.37	640.44	4.35
5,735	87.00	29.00	5,313	654.41	566.13	654.41	4.42
5,772	87.00	29.00	5,315	686.73	584.05	686.73	0.00
5,800	89.70	29.00	5,316	711.20	597.61	711.20	9.64
6,011	87.50	31.60	5,321	893.30	704.02	893.30	1.61
6,043	88.80	32.70	5,322	920.38	721.04	920.38	5.32
6,071	89.00	36.10	5,323	943.47	736.85	943.47	12.16
6,103	89.90	36.40	5,323	969.28	755.77	969.28	2.96
6,134	91.20	35.30	5,323	994.40	773.93	994.40	5.49
6,386	90.00	34.10	5,320	1,201.56	917.37	1,201.56	0.67
6,418	87.50	33.90	5,321	1,228.09	935.26	1,228.09	7.84
6,575	89.60	34.20	5,325	1,358.12	1,023.13	1,358.12	1.35
6,606	89.80	34.40	5,325	1,383.73	1,040.60	1,383.73	0.91
6,794	90.00	34.70	5,325	1,538.57	1,147.22	1,538.57	0.19
6,826	89.90	34.90	5,325	1,564.85	1,165.49	1,564.85	0.70
6,858	90.50	38.10	5,325	1,590.57	1,184.52	1,590.57	10.17
6,889	89.70	37.30	5,325	1,615.09	1,203.47	1,615.09	3.65
6,921	87.90	39.00	5,326	1,640.25	1,223.23	1,640.25	7.74
6,952	89.40	40.60	5,327	1,664.06	1,243.07	1,664.06	7.07
6,983	91.70	41.00	5,326	1,687.52	1,263.33	1,687.52	7.53
6,995	93.20	40.90	5,326	1,696.58	1,271.18	1,696.58	12.53
7,005	94.50	41.60	5,325	1,704.08	1,277.76	1,704.08	14.76
7,015	96.00	42.30	5,324	1,711.49	1,284.42	1,711.49	16.54
7,025	97.10	43.00	5,323	1,718.79	1,291.15	1,718.79	13.01
7,035	97.80	43.90	5,322	1,725.99	1,297.97	1,725.99	11.34
7,047	98.80	44.40	5,320	1,734.51	1,306.24	1,734.51	9.30



Job Number: WYL0603DH031 State/Country: Utah,Uinta
 Company: Questar Declination: 12.3
 Lease/Well: GHX-13HG-17-8-21 Grid: Elevation 6000
 Location: Sec 17-T8S-R21E File name: C:\WINSERVE\WYOMING\QUESTAR\GHX-13HG.SV
 Rig Name: Caza 24 Date/Time: 22-Jun-03 / 13:37
 RKB: SHL: 675 FSL & 661 FWL Sec 17 Curve Name: WORK-OPENHOLE ST#1
 G.L. or M.S.L.: BHL 660 FNL & 1250 FEL Sec 17

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 40.50
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Course Length FT	BUILD RATE Deg/100	WALK RATE Deg/100	Dogleg Severity Deg/100	TFO Deg
5735.00	87.00	29.00	5318.01	642.17	564.37	854.84	16.00	-4.38	-.62	4.42	.00
5772.00	87.00	29.00	5319.95	674.49	582.28	891.04	37.00	.00	.00	.00	-12.09
5818.00	88.40	28.70	5321.79	714.74	604.46	936.06	46.00	3.04	-.65	3.11	140.27
5849.00	86.00	30.70	5323.31	741.64	619.79	966.47	31.00	-7.74	6.45	10.07	101.23
5881.00	85.20	34.80	5325.76	768.47	637.05	998.08	32.00	-2.50	12.81	13.02	52.71
5913.00	86.80	36.90	5328.00	794.34	655.74	1029.89	32.00	5.00	6.56	8.24	4.08
5945.00	88.20	37.00	5329.39	819.89	674.96	1061.80	32.00	4.38	.31	4.39	-9.46
5977.00	89.40	36.80	5330.06	845.47	694.17	1093.73	32.00	3.75	-.62	3.80	-14.04
6008.00	90.20	36.60	5330.17	870.32	712.70	1124.66	31.00	2.58	-.65	2.66	161.56
6040.00	89.90	36.70	5330.14	896.00	731.80	1156.59	32.00	-.94	.31	.99	-146.31
6071.00	89.00	36.10	5330.44	920.95	750.19	1187.51	31.00	-2.90	-1.94	3.49	18.44
6103.00	89.90	36.40	5330.75	946.75	769.11	1219.42	32.00	2.81	.94	2.96	-68.20
6134.00	90.50	34.90	5330.64	971.94	787.18	1250.30	31.00	1.94	-4.84	5.21	7.12
6166.00	92.10	35.10	5329.91	998.15	805.53	1282.15	32.00	5.00	.62	5.04	7.12
6197.00	92.90	35.20	5328.56	1023.47	823.36	1312.98	31.00	2.58	.32	2.60	-152.44
6229.00	90.60	34.00	5327.58	1049.80	841.52	1344.80	32.00	-7.19	-3.75	8.11	177.51
6261.00	88.30	34.10	5327.89	1076.31	859.44	1376.59	32.00	-7.19	.31	7.19	-144.01
6292.00	87.20	33.30	5329.11	1102.08	876.62	1407.35	31.00	-3.55	-2.58	4.39	15.43
6323.00	90.10	34.10	5329.84	1127.86	893.82	1438.12	31.00	9.35	2.58	9.70	.00
6354.00	90.90	34.10	5329.57	1153.53	911.20	1468.92	31.00	2.58	.00	2.58	180.00
6386.00	90.00	34.10	5329.32	1180.02	929.14	1500.72	32.00	-2.81	.00	2.81	-175.43
6417.00	87.50	33.90	5329.99	1205.71	946.46	1531.51	31.00	-8.06	-.65	8.09	-139.45

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Course Length FT	BUILD RATE Deg/100	WALK RATE Deg/100	Dogleg Severity Deg/100	TFO Deg
6449.00	86.80	33.30	5331.58	1232.33	964.15	1563.24	32.00	-2.19	-1.87	2.88	5.71
6481.00	88.80	33.50	5332.81	1259.03	981.75	1594.97	32.00	6.25	.62	6.28	19.29
6512.00	90.80	34.20	5332.92	1284.77	999.02	1625.76	31.00	6.45	2.26	6.84	180.00
6543.00	90.30	34.20	5332.62	1310.41	1016.44	1656.57	31.00	-1.61	.00	1.61	180.00
6575.00	89.60	34.20	5332.65	1336.88	1034.43	1688.38	32.00	-2.19	.00	2.19	45.00
6606.00	89.80	34.40	5332.81	1362.49	1051.90	1719.20	31.00	.65	.65	.91	56.31
6638.00	90.20	35.00	5332.81	1388.79	1070.12	1751.03	32.00	1.25	1.87	2.25	-153.43
6670.00	89.80	34.80	5332.81	1415.04	1088.42	1782.88	32.00	-1.25	-.62	1.40	-153.44
6701.00	89.60	34.70	5332.98	1440.51	1106.09	1813.72	31.00	-.65	-.32	.72	23.96
6731.00	91.40	35.50	5332.71	1465.05	1123.34	1843.59	30.00	6.00	2.67	6.57	143.13
6763.00	91.00	35.80	5332.04	1491.05	1141.99	1875.46	32.00	-1.25	.94	1.56	-132.27
6794.00	90.00	34.70	5331.77	1516.36	1159.88	1906.33	31.00	-3.23	-3.55	4.80	167.47
6826.00	89.10	34.90	5332.02	1542.64	1178.14	1938.17	32.00	-2.81	.63	2.88	66.38
6858.00	90.50	38.10	5332.14	1568.36	1197.17	1970.09	32.00	4.38	10.00	10.91	-135.00
6889.00	89.70	37.30	5332.08	1592.89	1216.13	2001.05	31.00	-2.58	-2.58	3.65	136.66
6921.00	87.90	39.00	5332.75	1618.04	1235.89	2033.02	32.00	-5.62	5.31	7.74	46.86
6952.00	89.40	40.60	5333.48	1641.85	1255.73	2064.00	31.00	4.84	5.16	7.07	9.86
6983.00	91.70	41.00	5333.18	1665.32	1275.98	2095.00	31.00	7.42	1.29	7.53	-3.81
6995.00	93.20	40.90	5332.67	1674.37	1283.84	2106.99	12.00	12.50	-.83	12.53	28.22
7005.00	94.50	41.60	5332.00	1681.87	1290.42	2116.96	10.00	13.00	7.00	14.76	24.89
7015.00	96.00	42.30	5331.09	1689.28	1297.07	2126.92	10.00	15.00	7.00	16.54	32.26
7025.00	97.10	43.00	5329.94	1696.58	1303.80	2136.85	10.00	11.00	7.00	13.01	51.83
7035.00	97.80	43.90	5328.65	1703.78	1310.62	2146.75	10.00	7.00	9.00	11.34	26.29
7047.00	98.80	44.40	5326.92	1712.30	1318.89	2158.60	12.00	8.33	4.17	9.30	73.08
7079.00	99.60	47.10	5321.80	1734.34	1341.52	2190.05	32.00	2.50	8.44	8.70	147.80
7099.00	98.50	47.80	5318.65	1747.70	1356.07	2209.66	20.00	-5.50	3.50	6.50	180.00
PROJECTION TO BIT AT TD 7159 MD											
7159.00	93.50	47.80	5312.38	1787.77	1400.26	2268.83	60.00	-8.33	.00	8.33	180.00

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

015

- 5. LEASE DESIGNATION AND SERIAL NO.
UTU-68219
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE
- 7. UNIT AGREEMENT NAME
N/A
- 8. FARM OR LEASE NAME
- 9. WELL NO.
GHX13HG 17 8 21
- 10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED
- 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 17, T8S R21E Mer SLB

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

2. NAME OF OPERATOR
QEP Uinta Basin, Inc.

3. ADDRESS OF OPERATOR
11002 E. 17500 S. VERNAL, UT 84078-8526

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **SWSW - 675' FSL, 661' FWL S17-T8S-R21E**
 At top rod. interval reported below **SWNESW - ¹³⁸⁹1374' FSL, ¹²⁶²1580' FWL**
 At total depth **NESW - ~~2003~~2002' FSL, 2002' FWL**

14. PERMIT NO. - API# **43-047-34723** DATE ISSUED **3/4/03**

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

15. DATE SPUDDED **4/09/03** 16. DATE T.D. REACHED **6/22/03** 17. DATE COMPL. (Ready to prod.) **7/3/03** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **8669' GL, 4691' KB**

20. TOTAL DEPTH, MD & TVD **7159' MD - 5312' TVD** 21. PLUG BACK T.D., MD & TVD **OPEN HOLE COMPLETION** 22. IF MULTIPLE COMPL., HOW MANY* **1** 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
5800' - 7159' MD G-1 Lime
5321' - 5312' TVD

26. TYPE ELECTRIC AND OTHER LOGS RUN **Rec. 8-4-03**
 COMPENSATED NEUTRON LITHOLOGY DENSITY LOG & CNL **(HIR/Katerioj ARRAY/G-R)**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625	36.0	470' MD	12-1/4"	175 sxs - Type 5	
7.0	23#	5800' MD	8-3/4"	655 SXS HI-FILL & 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-7/8"	4796'	

31. PERFORATION RECORD (Interval, size and number)
OPEN HOLE COMPLETION - 5800' - 7159' MD

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	None

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
7/03/03	Pumping - 2-1/2" x 1-3/4" x 20 x 21 x 21-1/2" RHAC w/ 180" Stroke	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
7/12/03	24			240	0	238	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)
170	24					

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

35. LIST OF ATTACHMENTS
WEATHERFORD SURVEY CALCULATIONS

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

SIGNED **Jim Simonon (WIS is Down - manual Copy)** TITLE **Completion Supervisor** DATE **2/5/04**

RECEIVED

FEB 11 2004

CONFIDENTIAL
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.
G-1 Lime	5533'	5301'	<p style="text-align: center; font-size: 2em; opacity: 0.5;">CONFIDENTIAL</p> <p style="text-align: center;">OPEN HOLE COMPLETION 5800' - 7159' MD</p>

38. GEOLOGIC MARKERS
GHX 13HG 17 8 21

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	2551'	
Mahogany	3391'	
Kick Off	4825'	
G-1 Lime	5533'	
	5785'	
TD	10285'	



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
UT-922

July 12, 2004

QEP Uinta Basin, Inc.
Attn: Frank Nielsen
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: 1st Expansion, Final Approval
Gypsum Hills (Green River) Unit
Uintah County, Utah

Gentlemen:

The 1st Expansion for the Gypsum Hills (Green River) Unit, Uintah County, Utah, was approved July 12, 2004. All of the requirements set forth in Section 2 have been fulfilled. Said expansion is hereby approved to be effective June 1, 2004.

The basic information is as follows:

1. The expansion of the unit area was given preliminary approval by Bureau of Land Management letter dated May 24, 2004.
2. As a result of the expansion, the unit area is increased from 1,320.00 acres to 2,637.99 acres, more or less, of which 2,637.99 acres (100 percent) are Federal lands.
3. Federal Leases UTU68219 and UTU68220 are included within the expanded unit area:

All lands and interests by State of Utah, Cause No. 253-01 are fully committed.

We are of the opinion that the expansion is necessary and advisable in the public interest for the purpose of more properly conserving natural resources. Revised Exhibits "A" and "B" showing the unit area as expanded and Exhibit "C" showing the new allocation schedule are acceptable.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

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JUL 15 2004

DIV. OF OIL, GAS & MINING

bcc: Division of Oil, Gas and Mining
Trust Lands Administration
Sovereign Lands
Field Manager - Vernal w/enclosure
MMS - Data Management Division
File - Gypsum Hills (Green River) w/enclosure
Mary Higgins w/enclosure
Agr. Sec. Chron
Fluid Chron.

UT922:TAThompson:tt:7/12/04

016

ENTITY ACTION FORM

Operator: QEP Uinta Basin Inc Operator Account Number: N 2460
 Address: 11002 East 17500 South
city Vernal
state UT zip 84078-8526 Phone Number: (435) 781-4300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734928	WV EXT 2W-17-8-21		NWNE	17	8S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	12436	14253	8/4/2003			8/10/2004	
Comments: Correction to unit and unit entity number. Not Wonsits Valley Unit nor Gypsum Hills (GR) Unit due to formation (WSTC) not in unit. Operator to correct Form 10 & 11 from initial production. ER							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734723	Gypsum Hills 13HG-17-8-21		SWSW	17	8S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	13765	5355				8/10/2004	
Comments: BLM approved expanded unit area to include all of Section 17 effective June 1, 2004							

Well 3

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

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AUG 10 2004

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

Earlene Russell For DOGM

Name (Please Print)

Earlene Russell

Signature

Engineering Tech

8/10/2004

Title

Date

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

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

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
---	--

CA No.		Unit:		GYPSUM HILLS 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)
GYPSUM HILLS 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
GYPSUM HILLS 3	GH 3	NENE	20	080S	210E	4304720002	5355	Federal	WI	A
GYPSUM HILLS 4	GH 4	SWSE	19	080S	210E	4304730028	5355	Federal	OW	P
GYPSUM HILLS 6	GH 6	NENW	20	080S	210E	4304730099	5251	Federal	WI	A
COSTAS FED 1-20-4B	GH 1-20	NESW	20	080S	210E	4304731006	5355	Federal	WI	A
WHITON FED 1-19-3C	GH 1-19	SESE	19	080S	210E	4304731065	5355	Federal	OW	P
COSTAS FED 2-20-3B	GH 2-20	NESE	20	080S	210E	4304731066	5355	Federal	WI	A
STAGECOACH FED 23-21	GH 23-21	NWSW	21	080S	210E	4304731541	5355	Federal	OW	P
COSTAS FED 3-21-1D	GH 3-21	SWNW	21	080S	210E	4304731604	5355	Federal	WI	A
COSTAS FED 4-21-1C	GH 4-21	SENE	21	080S	210E	4304731826	5355	Federal	OW	P
COSTAS FED 5-21-2C	GH 5-21	SENE	21	080S	210E	4304731827	5355	Federal	OW	P
SRU 8-I	GH 8-I	SWNE	20	080S	210E	4304731932	5355	Federal	WI	A
GYPSUM HILLS 9	GH 9	SENE	20	080S	210E	4304732304	5355	Federal	OW	P
GYPSUM HILLS 10	GH 10	NWSE	21	080S	210E	4304732306	5355	Federal	WI	A
GYPSUM HILLS 12	GH 12	NESE	19	080S	210E	4304732458	5355	Federal	WI	A
GYPSUM HILLS 11	GH 11	NWSE	20	080S	210E	4304732459	5355	Federal	OW	P
GYPSUM HILLS 13	GH 13	NESW	21	080S	210E	4304732460	5355	Federal	OW	P
GYPSUM HILLS 14	GH 13	NWSW	20	080S	210E	4304732647	5355	Federal	OW	P
GYPSUM HILLS 15	GH 15	SWSW	20	080S	210E	4304732648	5355	Federal	WI	A
GYPSUM HILLS 17	GH 17	SWSE	20	080S	210E	4304732649	5355	Federal	WI	A
GYPSUM HILLS 18	GH 18	SESE	20	080S	210E	4304732650	5355	Federal	OW	P
GYPSUM HILLS 19	GH 19	SWNW	20	080S	210E	4304732651	5355	Federal	OW	P
GYPSUM HILLS 20	GH 20	SENE	20	080S	210E	4304732652	5355	Federal	OW	P
GYPSUM HILLS 16	GH 16	SESW	20	080S	210E	4304732675	5355	Federal	OW	P
GHU 10W-19-8-21	GH 10W-19-8-21	NWSE	19	080S	210E	4304733528	12736	Federal	GW	P
GH 10G-19-8-21	GH 10G-19-8-21	NWSE	19	080S	210E	4304733566	5355	Federal	OW	P
WV 11W-17-8-21	WV 11W-17-8-20	NESW	17	080S	210E	4304733912	13228	Federal	GW	P
WV 5W-17-8-21	WV 5W-17-8-21	SWNW	17	080S	210E	4304733954	13332	Federal	GW	P
WV 7W-17-8-21	WV 7W-17-8-21	SWNE	17	080S	210E	4304733956	13330	Federal	GW	P
GH 9W-17-8-21	GH 9W-17-8-21	NESE	17	080S	210E	4304734150	13392	Federal	GW	P
GH 16W-17-8-21	GH 16W-17-8-21	SESE	17	080S	210E	4304734156	13354	Federal	GW	P
WV EXT 10W-17-8-21	WVX 10W-17-8-20	NWSE	17	080S	210E	4304734561	13744	Federal	GW	P
GH EXT 15W-17-8-21	GHX 15W-17-8-20	SWSE	17	080S	210E	4304734562	13674	Federal	GW	P
GYPSUM HILLS 13HG-17-8-21	GHX 13HG-17-8-21	SWSW	17	080S	210E	4304734723	5355	Federal	OW	S
GH 1G-17-8-21	GH 1G-17-8-21	NENE	17	080S	210E	4304734927	5355	Federal	OW	P
WV EXT 2W-17-8-21	WVX 2W-17-8-20	NWNE	17	080S	210E	4304734928	14253	Federal	GW	P
WV EXT 8W-17-8-21	WVX 8W-17-8-20	SENE	17	080S	210E	4304734929	13792	Federal	GW	P
GH 4MU-20-8-21	GH 4MU-20-8-21	NWNW	20	080S	210E	4304735068	14213	Federal	GW	P
GYPSUM HILLS 13MU-20-8-21	GH 13MU-20-8-20	SWSW	20	080S	210E	4304735070	14817	Federal	GW	P
GH 5W-20-8-21	GH 5W-20-8-21	SWNW	20	080S	210E	4304735097	14557	Federal	GW	P
WVX 3MU-17-8-21	WVX 3MU-17-8-21	NENW	17	080S	210E	4304735318	14113	Federal	GW	P
GH 15ML-18-8-21	GH 15ML-18-8-21	SWSE	18	080S	210E	4304735323	15483	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
GYPSUM HILLS 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
GH 1ML-19-8-21	GH 1ML-19-8-21	NENE	19	080S	210E	4304735324	14824	Federal	GW	P
GH 16W-19-8-21	GH 16W-19-8-21	SESE	19	080S	210E	4304735325	14823	Federal	GW	DRL
WVX 14MU-17-8-21	WVX 14MU-17-8-21	SESW	17	080S	210E	4304735369	14098	Federal	GW	P
WVX 12MU-17-8-21	WVX 12MU-17-8-21	NWSW	17	080S	210E	4304735370	15108	Federal	GW	P
WVX 8MU-19-8-21	WVX 8MU-19-8-21	SENE	19	080S	210E	4304735372	14241	Federal	GW	P
GH 10ML-18-8-21	GH 10ML-18-8-21	NWSE	18	080S	210E	4304735391	15482	Federal	GW	P
GH 8G-17-8-21	GH 8G-17-8-21	SENE	17	080S	210E	4304737992	5355	Federal	OW	DRL
GH 16G-17-8-21	GH 16G-17-8-21	SESE	17	080S	210E	4304737993	5355	Federal	OW	DRL
WVX 1MU-17-8-21	WVX 1MU-17-8-21	NENE	17	080S	210E	4304738156		Federal	GW	APD
GH 8MU-20-8-21	GH 8-20-8-21	SENE	20	080S	210E	4304738157		Federal	GW	APD
WVX 13MU-17-8-21	WVX 13MU-17-8-21	SWSW	17	080S	210E	4304738188		Federal	GW	APD
WVX 6MU-17-8-21	WVX 6MU-17-8-21	SENE	17	080S	210E	4304738189		Federal	GW	APD
WVX 4MU-17-8-21	WVX 4MU-17-8-21	NWNW	17	080S	210E	4304738190		Federal	GW	APD
WVX 16MU-18-8-21	WVX 16MU-18-8-21	SESE	18	080S	210E	4304738191		Federal	GW	APD
GH 2MU-19-8-21	GH 2MU-19-8-21	NWNE	19	080S	210E	4304738192		Federal	GW	APD
GH 3MU-19-8-21	GH 3MU-19-8-21	NENW	19	080S	210E	4304738250		Federal	GW	APD
GH 4MU-19-8-21	GH 4MU-19-8-21	NWNW	19	080S	210E	4304738264		Federal	GW	APD
GH 5MU-19-8-21	GH 5MU-19-8-21	SWNW	19	080S	210E	4304738265		Federal	GW	APD
GH 6MU-19-8-21	GH 6MU-19-8-21	SENE	19	080S	210E	4304738266		Federal	GW	APD
GH 7MU-19-8-21	GH 7D-19-8-21	SWNE	19	080S	210E	4304738267		Federal	GW	APD
GH 11MU-19-8-21	GH 11MU-19-8-21	NESW	19	080S	210E	4304738268		Federal	GW	APD
GH 12MU-19-8-21	GH 12MU-19-8-21	NWSW	19	080S	210E	4304738269		Federal	GW	APD
GH 15MU-19-8-21	GH 15MU-19-8-21	SWSE	19	080S	210E	4304738270		Federal	GW	APD
GH 14MU-19-8-21	GH 14MU-19-8-21	SESW	19	080S	210E	4304738472		Federal	GW	APD
WVX 1MU-18-8-21	WVX 1MU-18-8-21	NENE	18	080S	210E	4304738659		Federal	GW	APD
WVX 9MU-18-8-21	WVX 9MU-18-8-21	NESE	18	080S	210E	4304738660		Federal	GW	APD
WVX 8MU-18-8-21	GH 8G-18-8-21	SENE	18	080S	210E	4304738661		Federal	GW	APD
GH 6MU-20-8-21	GH 6-20-8-21	SENE	20	080S	210E	4304738662		Federal	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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL 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"/> 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 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

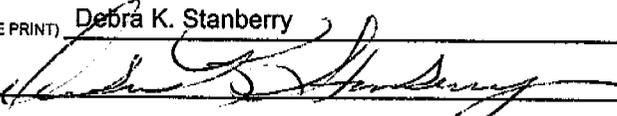
Fee Land Bond Number: 965003033

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

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, QEP Uinta Basin, Inc.

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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APR 13 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

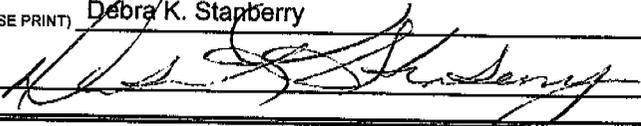
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL 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"/> 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>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. Stappberry</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: Gypsum Hills (GR) 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 Gypsum Hills (GR) 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 Gypsum Hills (GR) Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Gypsum Hills (GR) 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 - Gypsum Hills (GR) Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **UTU-68219**

6. If Indian, Allottee or Tribe Name
UTE TRIBE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.
GYPSUM HILLS UNIT

8. Well Name and No.
GH 13HG-17-8-21

9. API Well No. **43-047-34723**

10. Field and Pool or Exploratory Area
UNDESIGNATED - Gypsum Hills 610

11. Country or Parish, State
UINTAH, UTAH

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO. CONTACT: JAN NELSON

3a. Address
11002 EAST 17500 SOUTH, VERNAL, UTAH 84078

3b. Phone No. (include area code)
(435) 781-4331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
675' FSL 661' FWL, SWSW, SECTION 17, T8S, R21E

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

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

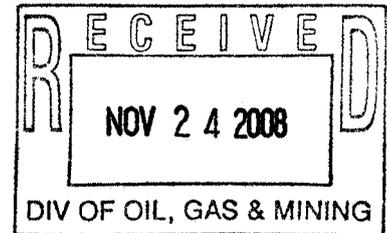
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

Questar Exploration & Production co. proposes to re-enter the GH 13HG-17-8-21 and drill an additional lateral. Please refer to the attached:

1. Re-Entry Procedure
2. Directional Drilling Plan
3. 8-point Drilling Program
4. Proposed Well Bore Diagram
5. Legal Plat / Map Prepared by UELS
6. Location Layout referring to Reserve Pit

620099X
4440742Y
40.110307
-109.540814

BHL Lease is UTU-68220
BHL TD is 7,963' MD
Bottom hole footages are 2000' FNL 1000' FEL, SWSW, Section 19, T8S, R21E



Should you need further technical information, Please contact our Drilling Engineer, Marna Sikes at (303) 308-3079.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Laura Bills Title **Associate Regulatory Affairs Analyst**

Signature *Laura Bills* Date **11/24/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Bradley G. Hill* **BRADLEY G. HILL** Date **12-02-08**
Office **ENVIRONMENTAL MANAGER**

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**Federal Approval of this
Action is Necessary**

CONFIDENTIAL

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION COMPANY
GHX 13HG-17-8-21 Re-Entry

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 & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	2,124'	2,124'
Kick Off Point	4,543'	4,547'
Green River (G1 Lime)	5,312'	5,711'
TD	5,294'	7,963'

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 as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	Green River (G1 Lime)	5,711'	5,763' – 7,963'

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. 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.

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION COMPANY
GHX 13HG-17-8-21 Re-Entry

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

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. **Casing Program**

As this well is a re-entry of an existing well the surface and production casing strings are already in place as detailed below.

Hole Size	Casing Size	Depth, MD	Weight	Grade
12 3/4"	9 5/8"	470'	36	J-55
8 3/4"	7"	5,800'	23	L-80/M-80

The lateral portion of this wellbore will be cased with a slotted liner.

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight	Grade
6 1/8"	4 1/2" flush	4,557'	7,963'	11.6	P-110

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. **Cementing Program**

As this is a re-entry well and the newly drilled lateral will be cased off with a slotted liner dropped in the open hole there will be no cement required to drill this well. Please refer to the attached wellbore diagram for existing casing and cement conditions.

6. **Auxilliary Equipment**

- A. Kelly Cock – Yes
- B. Float at the bit – No

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION COMPANY
GHX 13HG-17-8-21 Re-Entry

- C. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- D. Fully opening safety valve on the rig floor – Yes
Rotating Head – Yes

Drilling the surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III requirements, subsection E Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is less than 500 feet and high pressures are not expected.

- a. **Properly lubricated and maintained rotating head.** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
- b. **Blooie line discharge 100' from well bore and securely anchored.** The blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
- c. **Automatic ignitor or continuous pilot light on the blooie line.** A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.
- d. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore.** Compressors located 50 feet on the opposite side of the well bore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valve on the compressor, 3) spark arrestors on the motors.
- e. **Deflector on the end of the blooie line** – Questar will mount a deflector unit at the end of the blooie line for the purpose of changing the direction and velocity of the air and cuttings flow into the reserve pit. Changing the velocity and direction of the cuttings and air will preserve the pit liner. In the event the deflector washes out due to erosion caused by the sand blasting effect of the cuttings, there will be no problem because the deflector is mounted on the very end of the blooie. A washed out deflector will be easily replaced.

ONSHORE OIL & GAS ORDER NO. 1
QUESTAR EXPLORATION & PRODUCTION COMPANY
GHX 13HG-17-8-21 Re-Entry

- g. **Flare Pit** – there will be no need of a flare pit during the surface hole air drilling operation because the blooie line is routed directly to the reserve pit. When the big rig arrives for the main drilling after setting surface casing, all flare lines will be routed to the flare pit.

Drilling of the lateral will be done with fresh water KCl based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and KCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.8 ppg.

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

PVT/Flow show will be used upon exit of existing production casing to TD.

Gas detector will be used upon exit of existing production casing to TD.

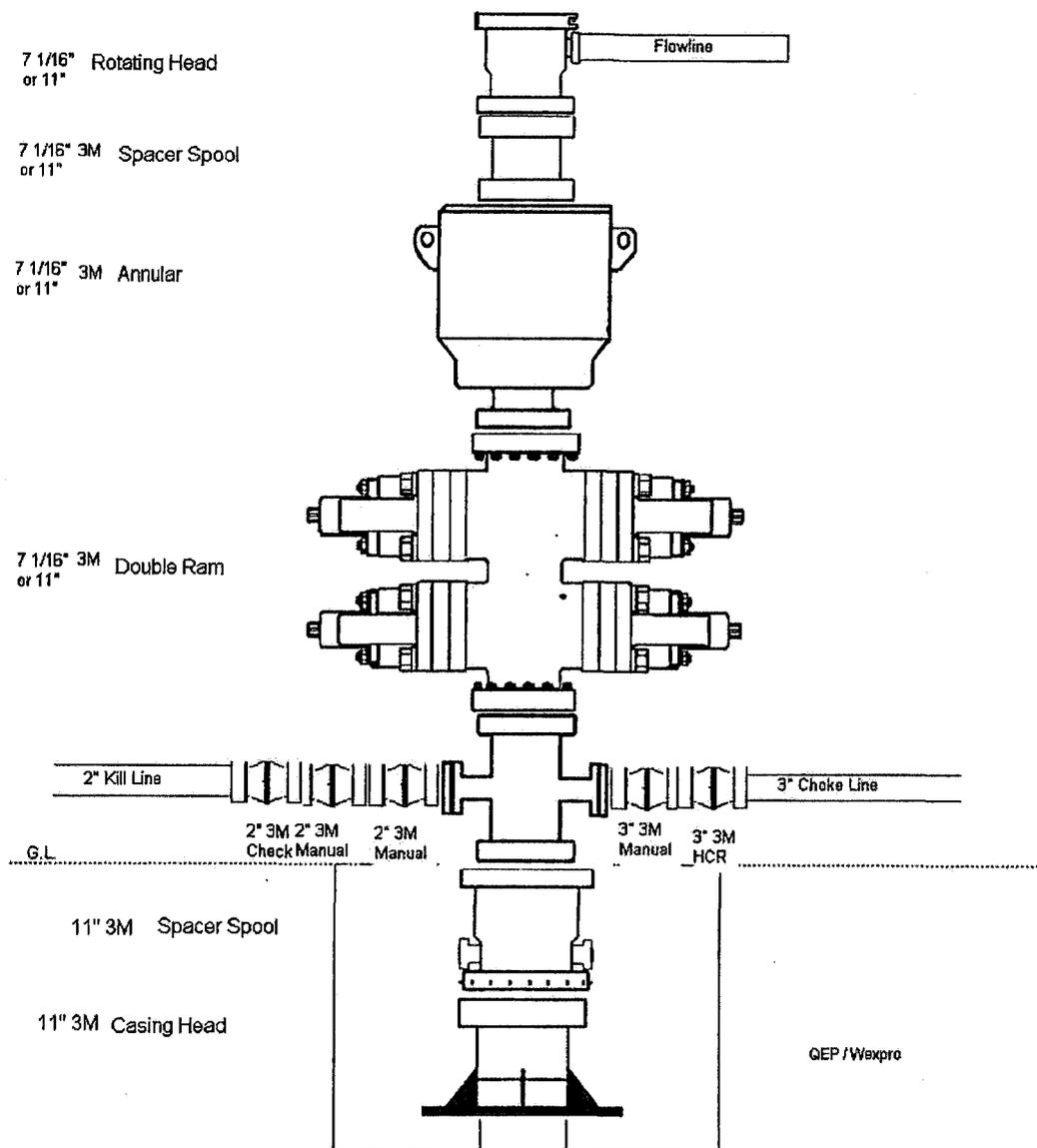
7. **Testing, Logging, and Coring Program**

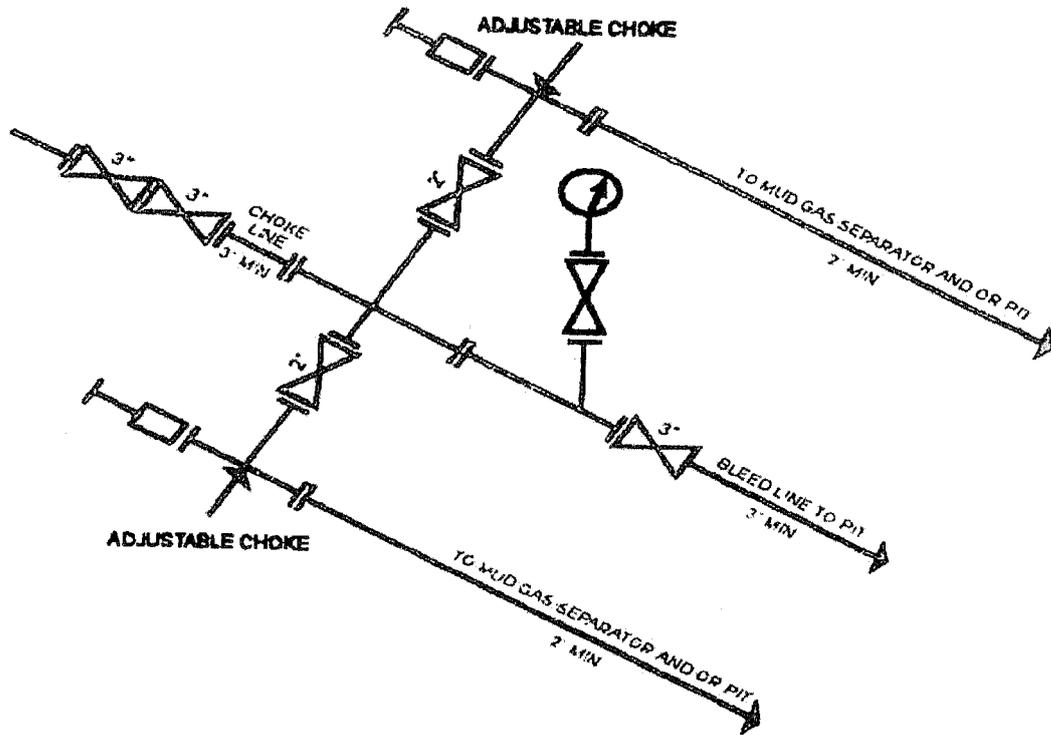
- A. Cores – None Anticipated
- B. DST – None Anticipated
- C. Logging:
 - i. Mud logging from casing exit to TD
 - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the lateral within the desired zone.
- D. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

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

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,400 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

ONSHORE OIL - JAS ORDER NO. 1
 QUESTAR EXPLORATION & PRODUCTION COMPANY
 GH 13HG-17-8-21 RE-ENTRY





3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
 [54 FR 39528, Sept. 27, 1989]

QUESTAR EXPLORATION AND PRODUCTION

GHX 13HG-17-8-21

API: 43-047-34723

Summarized Re-Entry Procedure

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. Pull out of hole with 209 rods (1 – 1/2" x 26' polish, 1 – 7/8" x 2' pony, 3 – 7/8" x 6' pony, 96 – 7/8" slick, 98 – 3/4" slick, & 10 – 3/4" guided) and 2 1/2" x 1 3/4" x 16' x 19 x 21' RHAC pump.
6. Unseat tubing anchor and POOH with 164 jts 2 7/8" 6.5# J-55 tubing, TAC, PSN, and 2 pup joints.
7. PU bit and 7" casing scraper, RIH to 4,650'.
8. Roll hole with hot oiler, TOO H with bit and scraper.
9. RU wireline truck and RIH with CIBP.
10. Set **top** of CIBP @ +/- 4,557', 5' above nearest collar ~ 4,553', POH.
11. ND BOP's
12. RD pulling unit, move off location.
13. MIRU drilling rig.
14. NU rig's 3,000 WP rated BOP.
15. RIH with whipstock, orient and set whipstock on top of CIBP set at ~4,557' oriented at $212^{\circ} \pm$ azimuth. If it is off a little, it is better to be less ($< 212^{\circ}$) rather than greater ($> 215^{\circ}$) due to the tendency for the bit to turn right as it comes out of the window. Plus or minus 2-3 $^{\circ}$ is acceptable.
16. Shear setting pins and start milling operations, mill window in 7" casing @ 4,538' top, 4,547' bottom and pilot hole. Work mills in and out of window several times.
17. TOO H, PU directional BHA and gyro tool, TIH.
18. Gyro steer the well at a 212° azimuth with 7.44 $^{\circ}$ /100' build rates to 45 to 60 feet or until the MWD tools have cleared the casing and are providing accurate readings.
19. Pull gyro tool and continue to drill with directional equipment to land in the G1 Lime formation at a TVD of +/- 5,312' TVD, +/- 5,711' MD.

20. Drill +/- 2,200' of lateral in the G1 Lime with a 1.25° apparent down dip angle.
 - a. Mud system to be a weighted water based mud, weights are expected to be in the 8.8 – 9.8 ppg range.
21. Circulate and condition hole, TOOH, LD 3,400' of drill pipe.
 - a. PU 2,200' of 4 1/2" flush slotted liner, 1206' of blank liner and liner dropping tool.
 - b. RIH w/ liner and dropping tool, drop liner at 4,557', just outside window.
 - c. TOOH laying down remainder of the drill pipe.
22. RIH and set RBP @ +/- 4,000' to isolate lateral.
23. ND BOP's.
24. RDMOL.

GHX 13HG-17-8-21

Updated 11-18-08 MS

API # 43-047-34723

Proposed WBD

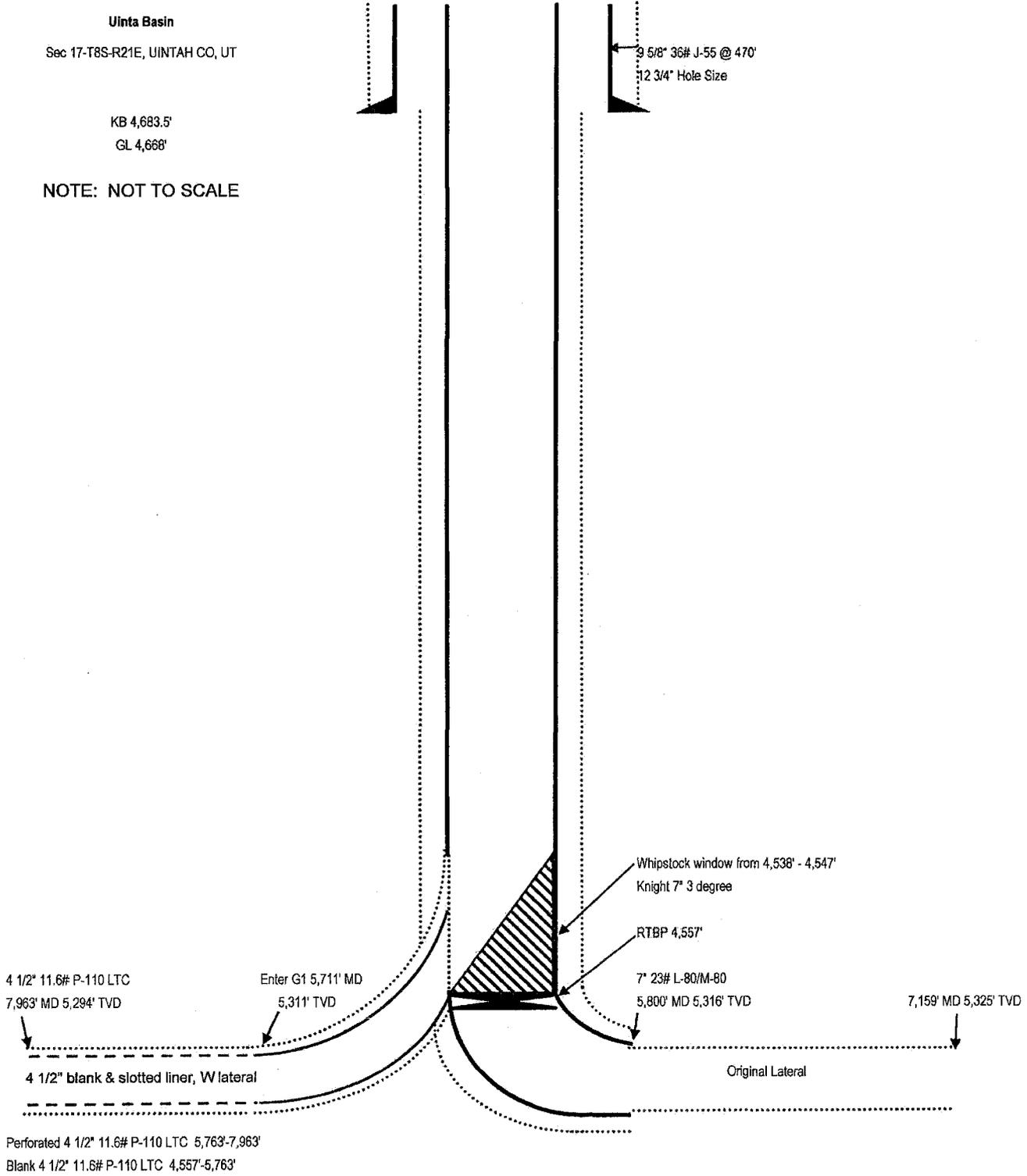
Uinta Basin

Sec 17-T8S-R21E, UINTAH CO, UT

KB 4,683.5'

GL 4,668'

NOTE: NOT TO SCALE



GHX 13HG-17-8-21 Re-Entry Plan 11-17-08 Proposal

Report Date: November 18, 2008 Client: Field: Uinta Structure / Slot: Gypsum Hills / GHX 13HG-17-8-21 Well: GHX 13HG-17-8-21 Borehole: Re-Entry UW/AP#:	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 212.070° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 4683.5 ft relative to MSL Sea Bed / Ground Level Elevation: 4718.000 ft relative to MSL Magnetic Declination: 11.445° Total Field Strength: 52665.845 nT Magnetic Dip: 66.022° Declination Date: November 17, 2008 Magnetic Declination Model: IGRF 2005 North Reference: True North Total Corr Mag North -> True North: +11.445° Local Coordinates Referenced To: Well Head
Survey Name / Date: GHX 13HG-17-8-21 Re-Entry Plan 11-17-08 / November 17, 2008 Tort / AHD / DDI / ERD ratio: 113.256° / 3140.00 ft / 5.727 / 0.591 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 40 7 3.590, W 109 35 7.920 Location Grid N/E YX: N 7217313.014 ftUS, E 2175769.108 ftUS Grid Convergence Angle: +1.22636637° Grid Scale Factor: 0.99991096	

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)	Northing (ftUS)	Easting (ftUS)
Projected-Up	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	17.50	0.00	0.00	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	41.40	0.00	0.00	41.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	46.80	0.00	0.00	46.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	77.10	0.00	0.00	77.10	0.00	0.00	0.00	0.00	0.00	0.00	160.40M	7217313.01	2175769.11
	518.00	0.40	160.40	518.00	0.95	-1.45	0.52	1.54	160.40	0.09	77.10M	7217311.58	2175769.66
	640.00	0.60	77.10	639.99	0.77	-1.71	1.28	2.14	143.12	0.56	73.50M	7217311.33	2175770.43
	763.00	1.40	73.50	762.97	-0.81	-1.14	3.35	3.54	108.76	0.65	31.10M	7217311.95	2175772.48
	2140.00	2.10	31.10	2139.38	-38.65	25.24	32.51	41.16	52.17	0.10	32.80M	7217338.95	2175801.07
	2342.00	1.80	32.80	2341.26	-45.53	31.08	38.14	47.67	49.31	0.15	-52.00M	7217344.86	2175804.57
	2774.00	1.50	308.00	2773.13	-52.90	40.26	35.36	53.59	41.29	0.52	-62.30M	7217354.02	2175803.60
	2869.00	1.70	297.70	2868.10	-52.92	41.69	33.13	53.25	38.48	0.37	-37.50M	7217355.40	2175801.34
	2965.00	2.40	322.50	2964.04	-53.51	43.94	30.65	53.58	34.90	1.16	-45.50M	7217357.60	2175798.81
	3154.00	2.60	314.50	3152.86	-55.81	50.09	25.18	56.06	26.69	0.21	-24.50M	7217363.62	2175793.21
	3281.00	1.70	335.50	3279.77	-57.47	53.82	22.35	58.28	22.55	0.93	11.80M	7217387.29	2175790.30
	3408.00	2.60	11.60	3406.68	-61.21	58.36	22.15	62.42	20.78	1.25	33.00M	7217371.83	2175790.00
	3597.00	3.50	33.00	3595.42	-70.99	67.39	26.15	72.29	21.21	0.76	30.50M	7217380.95	2175793.81
	3660.00	3.20	30.50	3658.31	-74.67	70.52	28.09	75.91	21.72	0.53	36.60M	7217384.11	2175795.68
	3787.00	3.50	36.60	3785.09	-82.08	76.69	32.20	83.17	22.78	0.37	37.60M	7217390.37	2175799.66
	3851.00	4.00	37.60	3848.96	-86.25	80.03	34.73	87.24	23.46	0.79	38.50M	7217393.76	2175802.11
	3913.00	4.40	38.50	3910.79	-90.77	83.60	37.53	91.84	24.17	0.65	39.90M	7217397.39	2175804.83
	3976.00	4.10	39.90	3973.62	-95.40	87.22	40.48	96.15	24.89	0.50	51.50M	7217401.07	2175807.70
	4104.00	4.40	51.50	4101.27	-104.56	93.79	47.25	105.02	28.74	0.71	53.00M	7217407.78	2175814.34
	4167.00	4.40	53.00	4164.08	-109.10	96.74	51.08	109.40	27.83	0.18	48.20M	7217410.82	2175818.10
	4231.00	4.50	48.20	4227.89	-113.81	99.90	54.91	113.99	28.80	0.60	41.80M	7217414.05	2175821.86
	4294.00	4.60	41.80	4290.89	-118.67	103.43	58.43	118.79	29.47	0.82	35.70M	7217417.66	2175825.31
	4357.00	5.10	35.70	4353.47	-123.95	107.58	61.75	124.05	29.86	1.14	-6.68G	7217421.88	2175828.54
	4420.00	5.60	35.10	4416.19	-129.82	112.37	65.15	129.89	30.11	0.80	159.09G	7217426.74	2175831.84
Tie-In to Original Hole	4483.00	4.80	38.80	4478.93	-135.51	118.94	68.57	135.56	30.39	1.38	-148.00M	7217431.39	2175835.16
	4531.00	0.00	212.00	4526.88	-137.50	118.51	69.83	137.55	30.51	10.00	-148.00M	7217432.98	2175836.38
KOP-Build 7.44/100ft	4547.00	0.00	212.00	4542.88	-137.50	118.51	69.83	137.55	30.51	0.00	-148.00M	7217432.98	2175836.38
G1 Lime Top	5711.00	86.60	212.00	5311.67	586.92	-495.84	-314.06	586.93	212.35	7.44	0.00G	7216810.61	2175465.76
Hold	5763.48	90.50	212.00	5313.00	639.37	-540.32	-341.85	639.38	212.32	7.44	0.00G	7216765.55	2175438.93
PBHL/TD	7963.48	90.50	212.00	5293.80	2839.29	-2405.95	-1507.63	2839.29	212.07	0.00	0.00G	7214875.57	2174313.45

Survey Type: Non-Def Proposal

Survey Error Model: SLB ISCWSA version 22 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

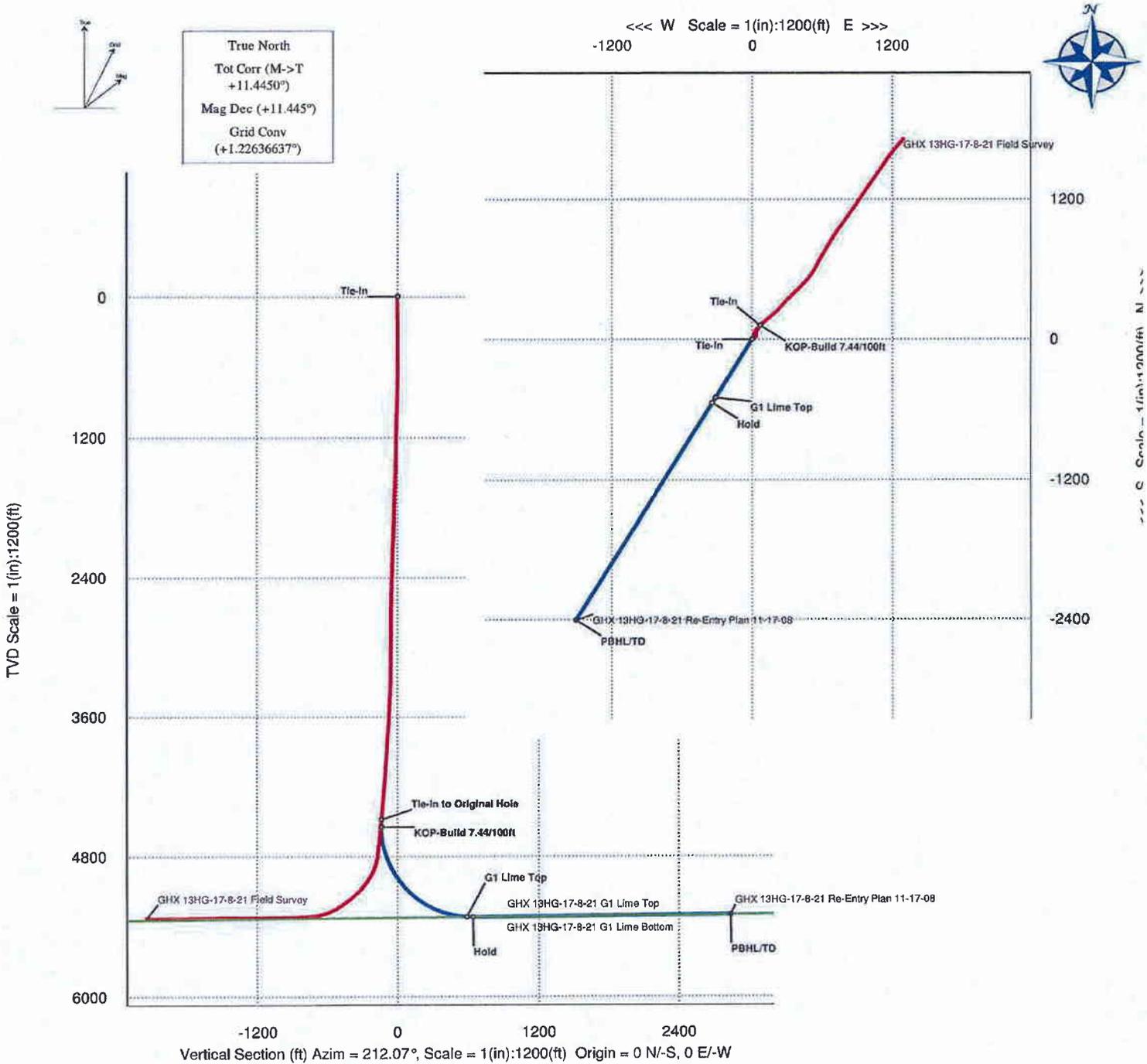
MD From (ft)	MD To (ft)	EOU Freq	Survey Tool Type
-34.50	0.00	Act-Stns	SLB_MWD-STD
0.00	4483.00	Act-Stns	SLB_MWD-STD
4483.00	7963.48	1/100.00	SLB_MWD-STD

Borehole -> Survey

Original Hole -> GHX 13HG-17-8-21 Field Survey
 Original Hole -> GHX 13HG-17-8-21 Field Survey
 Re-Entry -> GHX 13HG-17-8-21 Re-Entry Plan 11-17-08

QUESTAR

WELL	GHX 13HG-17-8-21	FIELD	Uinta	STRUCTURE	Gypsum Hills
Magnetic Parameters	Dip: 66.022° Mag Dec: +11.445°	Date: November 17, 2008 FS: 52665 8 nT	Surface Location Lat: N40 7 3.500 Lon: W 109 35 7.920	NAD83 Utah State Plane, Central Zone, US Feet Northing: 7217310.01 RUS Easting: 2178769.11 RUS Scale Fact: 0.999910597	Miscellaneous Slot: GHX 13HG-17-8-21 Plan: GHX 13HG-17-8-21 Re-Entry Plan 11-17-08 TVD Ref: KB (4683.50 ft above MSL)



Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+)/S(-)	E(+)/W(-)	DLS
Tie-In	4483.00	4.80	38.80	4478.93	-135.51	116.94	68.57	
KOP-Build 7.44/100ft	4547.00	0.00	212.00	4542.88	-137.50	118.51	69.83	0.00
G1 Lime Top	5711.00	86.60	212.00	5311.67	586.92	-495.84	-314.06	7.44
Hold	5763.48	90.50	212.00	5313.00	639.37	-540.32	-341.85	7.44
PBH/TD	7963.48	90.50	212.00	5293.80	2839.29	-2405.95	-1507.63	0.00

Quality Control
Date Drawn: Tue 03:05 PM November 18, 2008
Drawn by: Current User
Checked by:
Client OK:

Legend

GHX 13HG-17-8-21 Re-Entry Plan 11-17-08

GHX 13HG-17-8-21 Field Survey

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

QUESTAR EXPLR. & PROD.

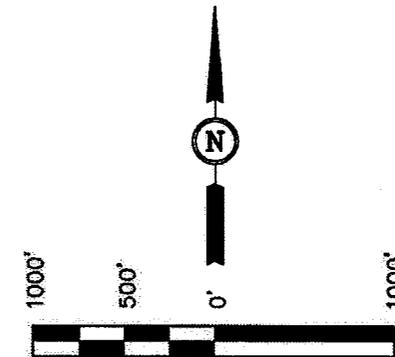
Well location, LATERAL 2 GH #13HG-17-8-21 (BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 17, T8S, R21E, S.L.B.&M. Uintah County, Utah.

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, UINTAH 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.



SCALE

CERTIFICATE

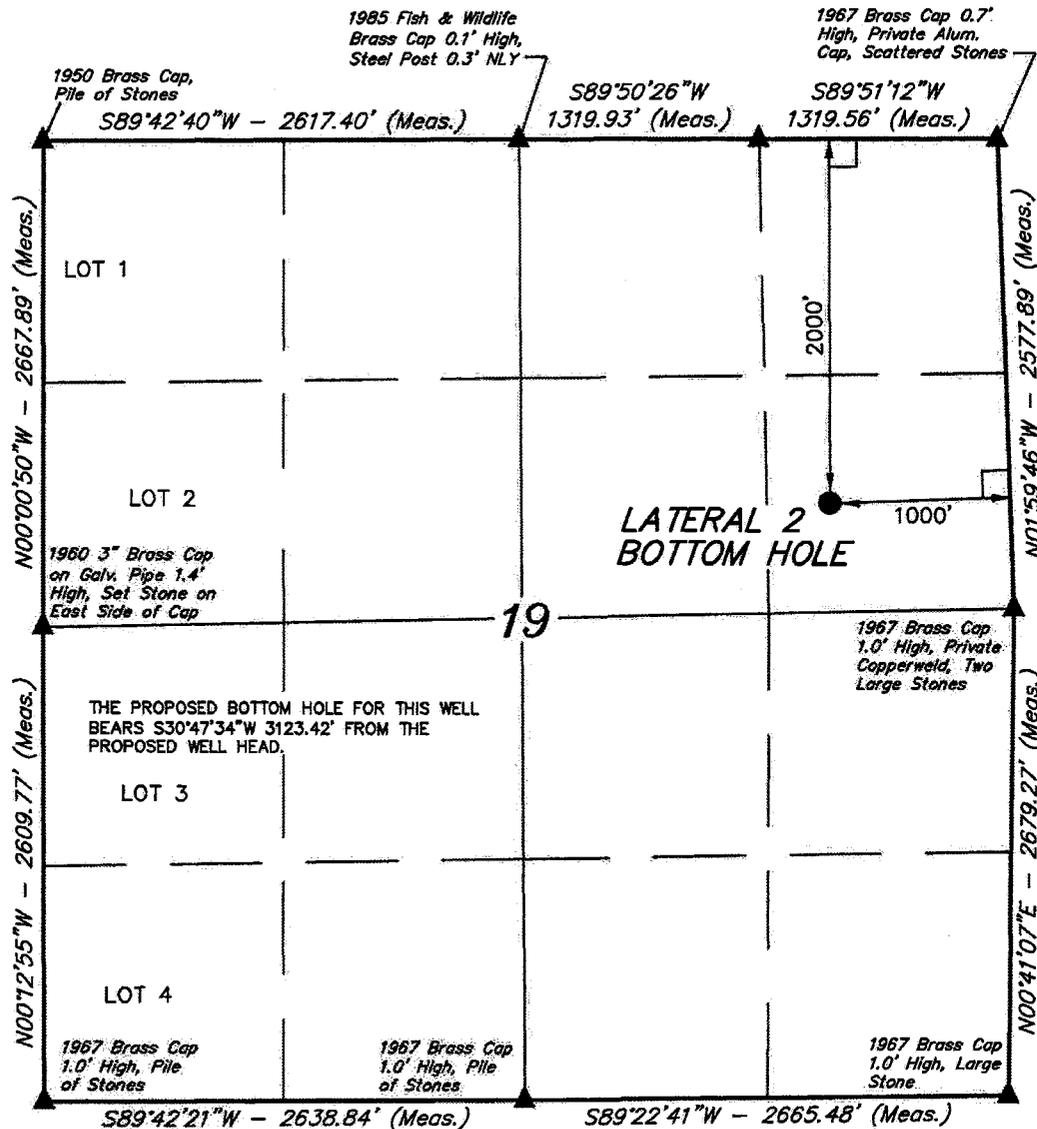
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 161319

Robert Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 11-20-08 L.K.
 REVISED: 09-19-02 D.COX

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



LATERAL 2 BOTTOM HOLE

(NAD 83)
 LATITUDE = 40°06'37.07" (40.110297)
 LONGITUDE = 109°35'28.46" (109.591239)
 (NAD 27)
 LATITUDE = 40°06'37.20" (40.110333)
 LONGITUDE = 109°35'25.97" (109.590547)

LEGEND:

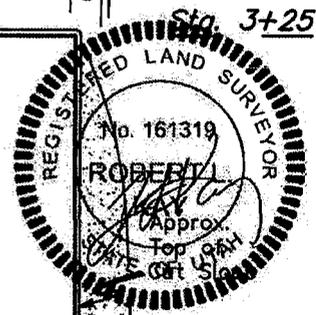
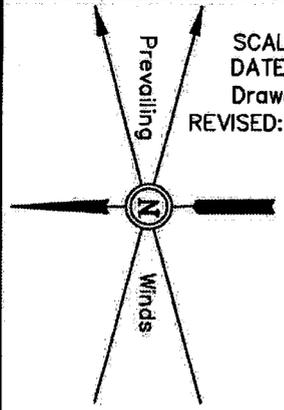
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 07-11-02	DATE DRAWN: 07-16-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

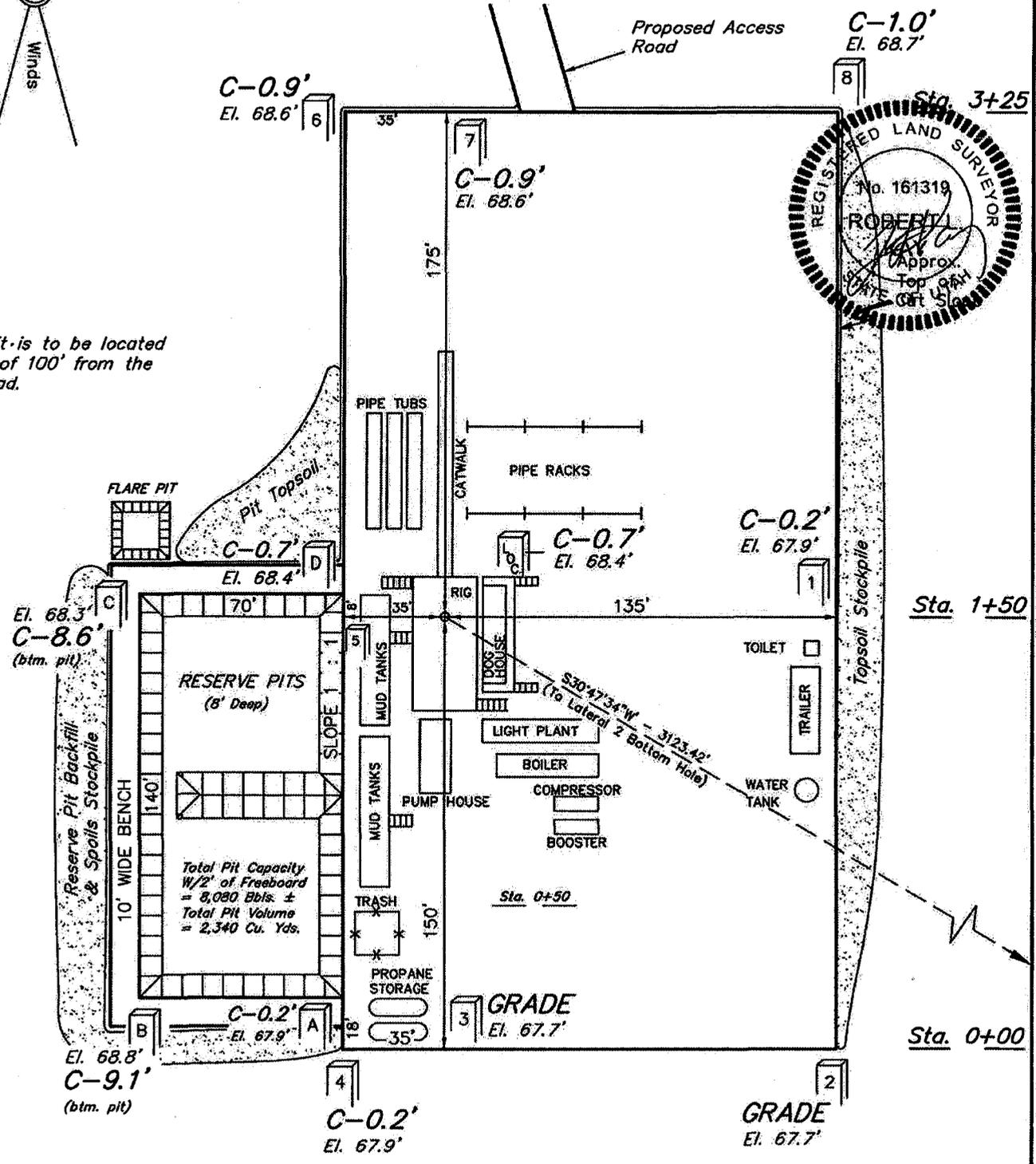
FIGURE #1

QUESTAR EXPLR. & PROD.
LOCATION LAYOUT FOR
GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL

SCALE: 1" = 50'
 DATE: 07-16-02
 Drawn By: D.COX
 REVISED: 11-20-08 L.K.



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



Total Pit Capacity
 W/2' of Freeboard
 = 8,080 Bbls. ±
 Total Pit Volume
 = 2,340 Cu. Yds.

530' ± 34" W - 3123.42'
 (to Lateral 2 Bottom Hole)

NOTES:
 Elev. Ungraded Ground At Loc. Stake = **4668.4'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **4667.7'**

QUESTAR EXPLR. & PROD.

FIGURE #2

**TYPICAL CROSS SECTIONS FOR
GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL**

1" = 20'

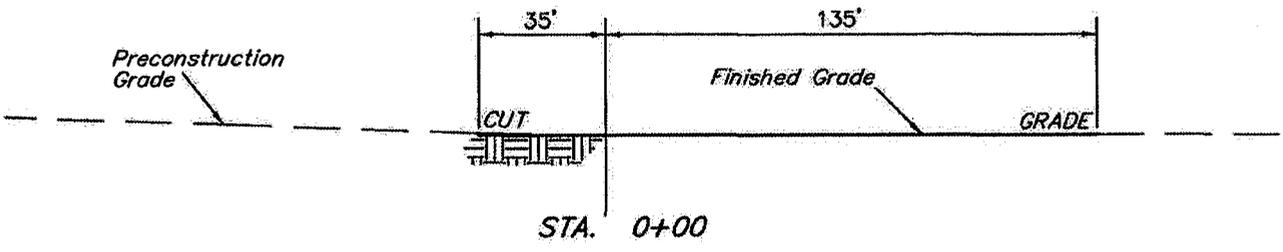
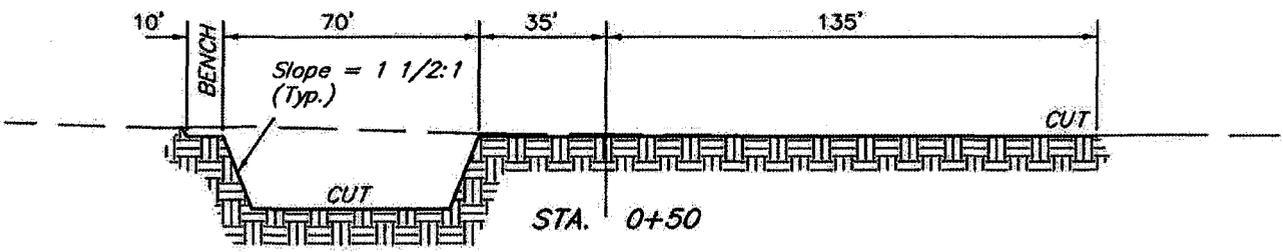
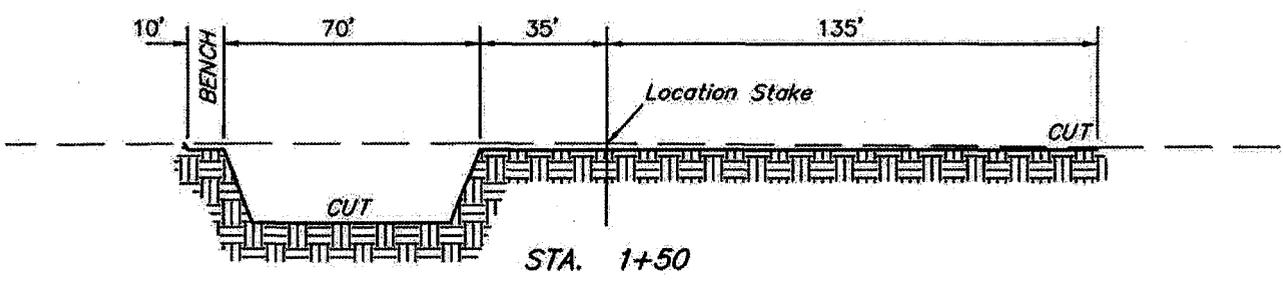
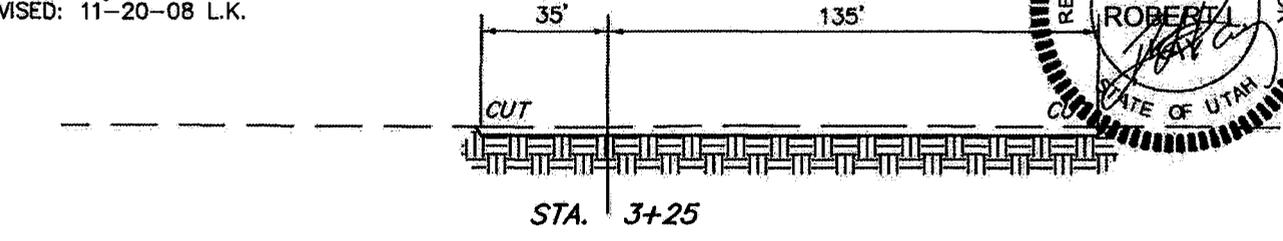
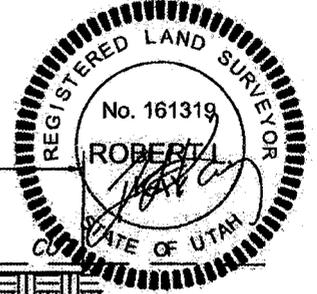
X-Section
Scale

1" = 50'

DATE: 07-16-02

Drawn By: D.COX

REVISED: 11-20-08 L.K.

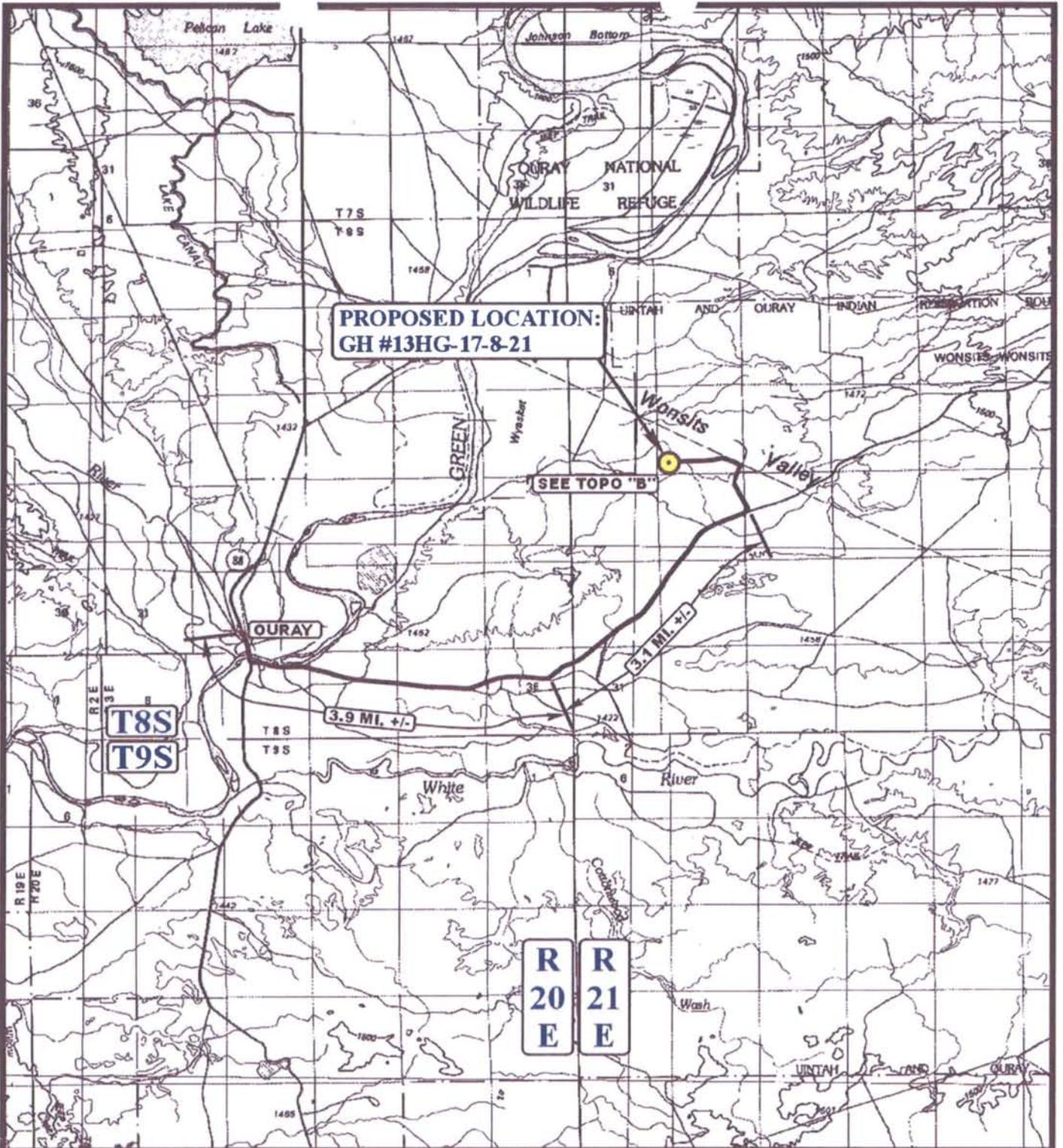


APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,520 Cu. Yds.
Remaining Location	= 2,240 Cu. Yds.
TOTAL CUT	= 4,760 CU.YDS.
FILL	= 1,020 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,690 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,690 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**PROPOSED LOCATION:
GH #13HG-17-8-21**

SEE TOPO "B"

**T8S
T9S**

**R
20
E**

**R
21
E**

LEGEND:

PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

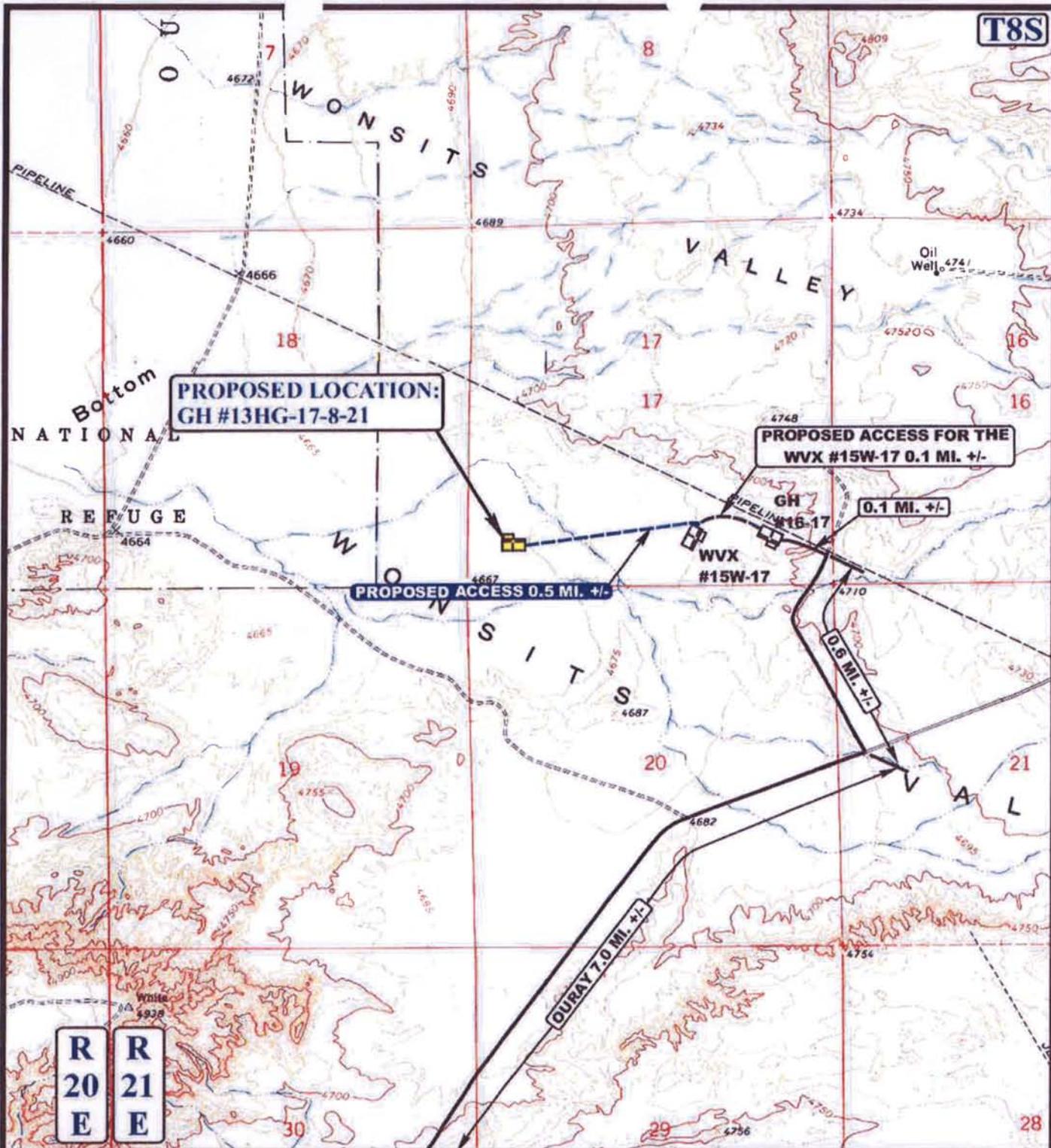
**GH #13HG-17-8-21
SECTION 17, T8S, R21E, S.L.B.&M.
675' FSL 661' FWL**

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

TOPOGRAPHIC MAP
7 16 02
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: K.G REV: 11-20-08 L.K.

A
TOPO

T8S



R	R
20	21
E	E

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



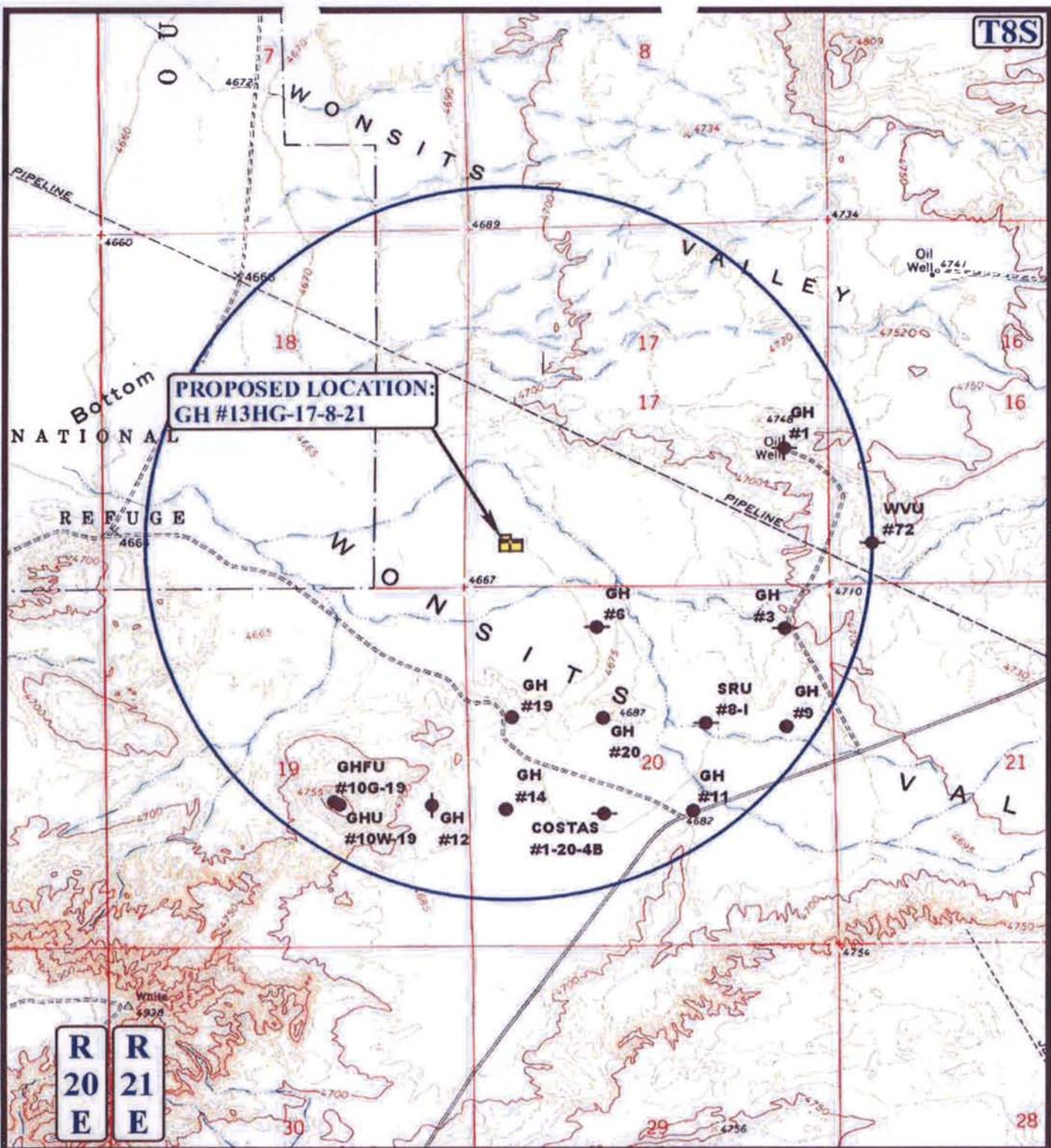
QUESTAR EXPLR. & PROD.

GH #13HG-17-8-21
 SECTION 17, T8S, R21E, S.L.B.&M.
 675' FSL 661' FWL

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

TOPOGRAPHIC MAP	7	16	02	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: K.G.		REV: 11-20-08 L.K.

T8S



R	R
20	21
E	E

LEGEND:

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



QUESTAR EXPLR. & PROD.

GH #13HG-17-8-21
 SECTION 17, T8S, R21E, S.L.B.&M.
 675' FSL 661' FWL



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

TOPOGRAPHIC
MAP

7 16 02
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REV: 11-20-08 L.K.



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/24/2008

API NO. ASSIGNED: 43-047-34723

WELL NAME: GHX 13HG-17-8-21 (Recently)
 OPERATOR: QUESTAR EXPLORATION & (N5085)
 CONTACT: LAURA BILLS

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SWSW 17 080S 210E
 SURFACE: 0675 FSL 0661 FWL
 BOTTOM: 2000 FNL 1000 FEL Sec. 19
 COUNTY: UINTAH
 LATITUDE: 40.11768 LONGITUDE: -109.5850
 UTM SURF EASTINGS: 620583 NORTHINGS: 4441568
 FIELD NAME: GYPSUM HILLS (610)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: U-68219
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
- U Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2153)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

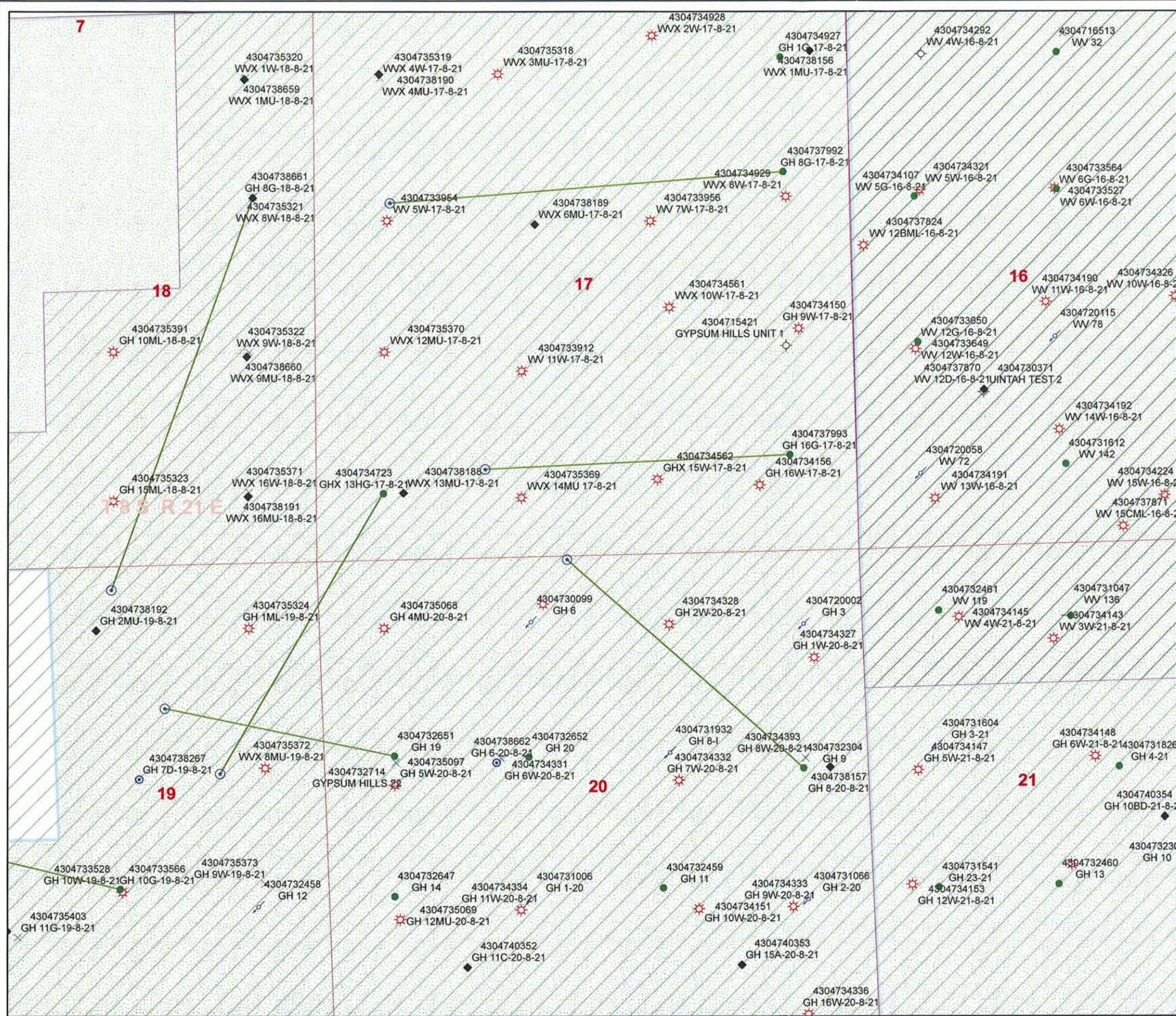
- _____ R649-2-3. *Horizontal
- Unit: GYPSUM HILLS (GRRV)
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
Board Cause No: 253-01
Eff Date: 6-14-2004
Siting: Suspends General Siting
- _____ R649-3-11. Directional Drill

COMMENTS: _____

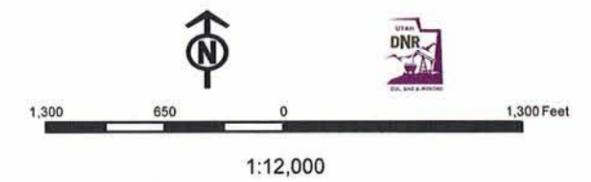
STIPULATIONS: 1- Lease Approved

API Number: 4304734723
Well Name: GHX 13HG-17-8-21
Township 08.0 S Range 21.0 E Section 17
Meridian: SLBM
 Operator: QUESTAR EXPLORATION & PRODUCTION CO

Map Prepared:
 Map Produced by Diana Mason



Units	Wells Query Events
STATUS	Wells Query Events
ACTIVE	<all other values>
EXPLORATORY	GIS_STAT_TYPE
GAS STORAGE	<Null>
NF PP OIL	APD
NF SECONDARY	DRL
PI OIL	GI
PP GAS	GS
PP GEOTHERMAL	LA
PP OIL	NEW
SECONDARY	OPS
TERMINATED	PA
Fields	PGW
STATUS	POW
ACTIVE	RET
COMBINED	SGW
Sections	SOW
Township	TA
	TW
	WD
	WI
	WS



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 2, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Gypsum Hills Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following horizontal re-entries are planned for calendar year 2008 within the Gypsum Hills Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River/Horizontal)		
43-047-32304 GH 9 Sec 20 T08S R21E 2057 FNL 0663 FEL		
	LAT # 1 Sec 20 T08S R21E 0010 FNL 2450 FWL	
	LAT # 2 Sec 21 T08S R21E 1000 FSL 0800 FWL	
43-047-34723 GHX 13HG-17-8-21 Sec 17 T08S R21E 0675 FSL 0661 FWL		
	LAT # 1 Sec 19 T08S R21E 2000 FNL 1000 FEL	

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

/s/ Michael L. Coulthard

bcc: File – Gypsum Hills Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 2, 2008

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

Re: GHX 13HG-17-8-21 Well, Surface Location 675' FSL, 661' FWL, SW SW, Sec. 17,
T. 8 South, R. 21 East, Bottom Location 2000' FNL, 1000' FEL, SE NE, Sec. 19,
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 43-047-34723.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Questar Exploration & Production Co.
Well Name & Number GHX 13HG-17-8-21
API Number: 43-047-34723
Lease: UTU-68219

Surface Location: SW SW Sec. 17 T. 8 South R. 21 East
Bottom Location: SE NE Sec. 19 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

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-68219
---	--

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: GYPSUM HILLS (GRRV)
--	--

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GHX 13HG-17-8-21
------------------------------------	---

2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO	9. API NUMBER: 43047347230000
--	---

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, UT, 84078	PHONE NUMBER: 435 781-4362 Ext	9. FIELD and POOL or WILDCAT: GYPSUM HILLS
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0675 FSL 0661 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 Township: 08.0S Range: 21.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
---	---

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

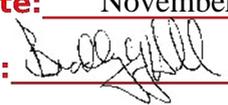
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/30/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

Questar Exploration and Production Company hereby requests a one year extension for the APD on the above captioned well.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 30, 2009

By: 

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 11/30/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047347230000

API: 43047347230000

Well Name: GHX 13HG-17-8-21

Location: 0675 FSL 0661 FWL QTR SWSW SEC 17 TWP 080S RNG 210E MER S

Company Permit Issued to: QUESTAR EXPLORATION & PRODUCTION CO

Date Original Permit Issued: 12/2/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

Approved by the Utah Division of Oil, Gas and Mining

Signature: Jan Nelson

Date: 11/30/2009

Title: Permit Agent Representing: QUESTAR EXPLORATION & PRODUCTION CO

Date: November 30, 2009

By:

[Handwritten signature]

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-68219
---	--

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: GYPSUM HILLS (GRRV)
--	--

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GHX 13HG-17-8-21
------------------------------------	---

2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO	9. API NUMBER: 43047347230000
--	---

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, UT, 84078	PHONE NUMBER: 435 781-4362 Ext	9. FIELD and POOL or WILDCAT: GYPSUM HILLS
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0675 FSL 0661 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 Township: 08.0S Range: 21.0E Meridian: S	COUNTY: Uintah STATE: Utah
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/7/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: EXTEND TD

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

This sundry is being submitted to inform you that while drilling over the weekend Questar Exploration and Production Company determined that the target for the TD had to be extended by 678'feet for total depth of 8641'. The new TD stays within unit boundaries.

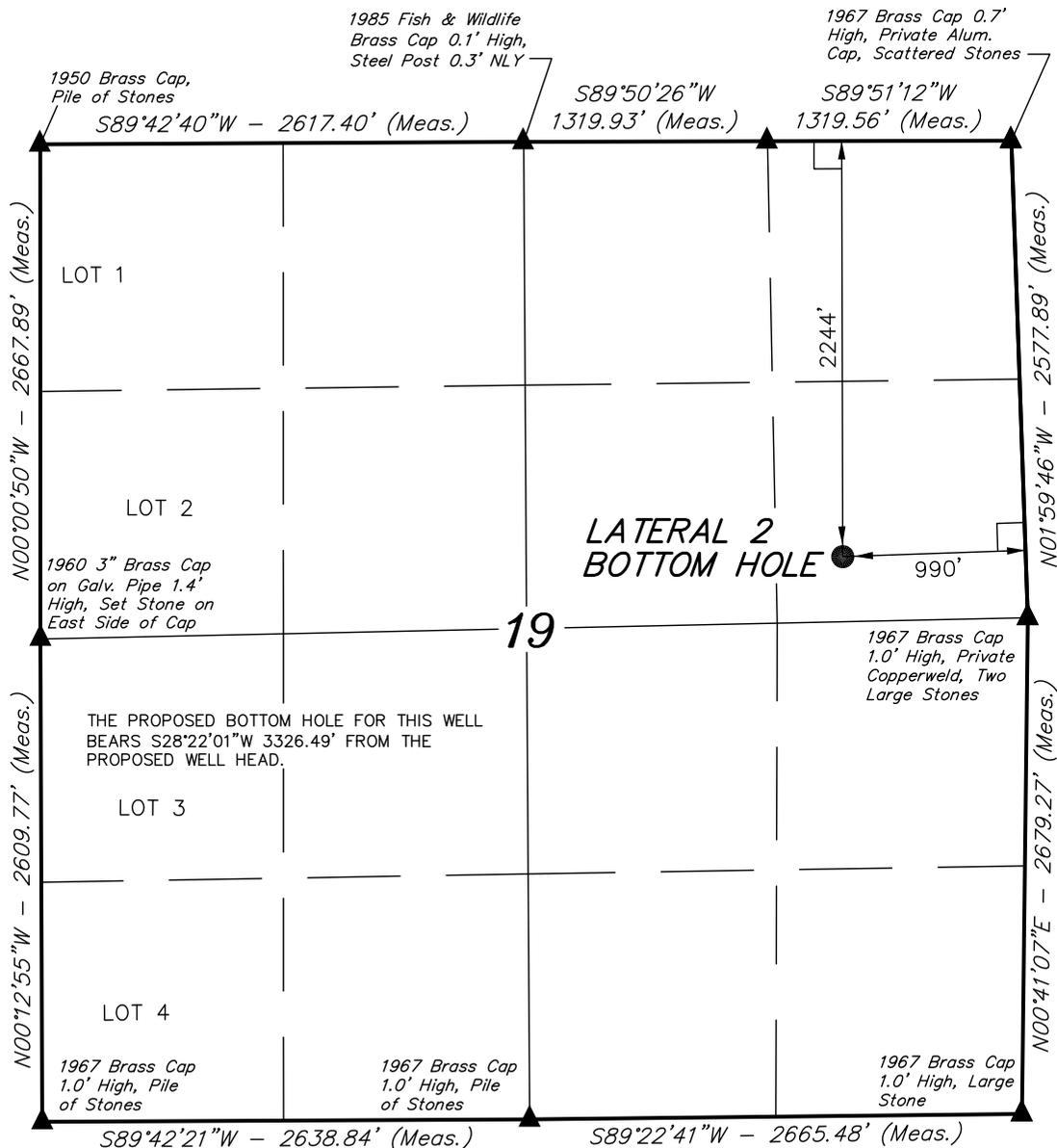
Approved by the Utah Division of Oil, Gas and Mining

Date: March 18, 2010

By:

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 3/15/2010	

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



LEGEND:

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

(NAD 83)
 LATITUDE = 40°06'34.66" (40.109628)
 LONGITUDE = 109°35'28.21" (109.591169)
 (NAD 27)
 LATITUDE = 40°06'34.79" (40.109664)
 LONGITUDE = 109°35'25.72" (109.590478)

LATERAL 2 BOTTOM HOLE

QUESTAR EXPLR. & PROD.

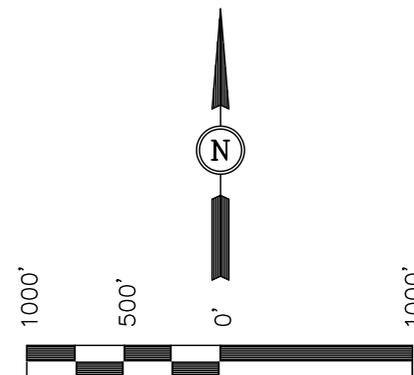
Well location, LATERAL 2 GH #13HG-17-8-21 (BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 17, T8S, R21E, S.L.B.&M. Uintah County, Utah.

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, UINTAH 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

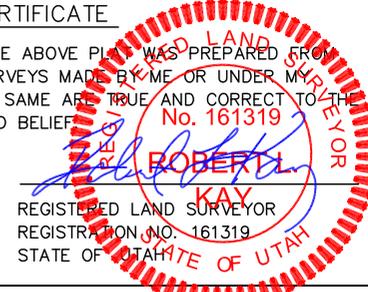
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

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



REVISED: 03-11-10 S.L.
 REVISED: 11-20-08 L.K.
 REVISED: 09-19-02 D.COX

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 07-11-02	DATE DRAWN: 07-16-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

RECEIVED March 15, 2010

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U68219
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
2. NAME OF OPERATOR: Questar Exploration & Production Company		7. UNIT or CA AGREEMENT NAME: GYPNUM HILLS
3. ADDRESS OF OPERATOR: 11002 E 17500 S Vernal UT 84078		8. WELL NAME and NUMBER: GHX 13HG 17-8-21
PHONE NUMBER: (435) 781-4342		9. API NUMBER: 4304734723
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 675' FSL 661' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 675' FSL, 661' FWL AT TOTAL DEPTH: 675' FSL, 661' FWL		10. FIELD AND POOL, OR WILDCAT: GYPNUM HILLS
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 17 8S 21E
		12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPUNDED: 4/9/2003	15. DATE T.D. REACHED: 3/6/2010	16. DATE COMPLETED: 3/23/2010	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 14 KB
18. TOTAL DEPTH: MD 8,641 TVD 5,283	19. PLUG BACK T.D.: MD 8,532 TVD _____	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD _____
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) No current logs have been run on this horizontal lateral #2			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)	

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
6.125	4.5 p110	11.6	5,601	8,532					
6.125	4.5 n80	11.6	5,601	8,532					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	5,130							

26. PRODUCING INTERVALS					27. PERFORATION RECORD			
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Grm Rvr G-1 Lime	4,778	4,784			4,790 8,532	4.5		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5828' - 8525'	Pumped 35,000 gals of 15% HCL acid

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____	producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/22/2010		TEST DATE: 3/24/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 267	GAS - MCF: 0	WATER - BBL: 174	PROD. METHOD: pumping
CHOKE SIZE:	TBG. PRESS. 250	CSG. PRESS. 40	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

Green River G-1 Lime - Completed Lateral #2 - #27: Perforated Liner alternating jts of blank & perforated f/ 5601-8532.

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

NAME (PLEASE PRINT) Dahn Caldwell TITLE Office Administrator
 SIGNATURE *Dahn Caldwell* DATE 6/10/2010

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

CONFIDENTIAL

RECEIVED

JUN 11 2010

GHX 13HG-17-8-21 Re-Entry Field Survey Report

Report Date: June 11, 2010 Client: Field: Uinta Structure / Slot: Gypsum Hills / GHX 13HG-17-8-21 Well: GHX 13HG-17-8-21 Borehole: Re-Entry UWI/API#: Survey Name / Date: GHX 13HG-17-8-21 Re-Entry Field Survey / February 23, 2010 Tort / AHD / DDI / ERD ratio: 225.598° / 3693.91 ft / 6.130 / 0.696 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 40 7 3.590, W 109 35 7.920 Location Grid N/E Y/X: N 7217313.014 ftUS, E 2175769.108 ftUS Grid Convergence Angle: +1.22636637° Grid Scale Factor: 0.99991096	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 209.470° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 4684.5 ft relative to MSL Sea Bed / Ground Level Elevation: 4718.000 ft relative to MSL Magnetic Declination: 11.867° Total Field Strength: 52974.636 nT Magnetic Dip: 66.100° Declination Date: February 23, 2010 Magnetic Declination Model: IGRF 2005 North Reference: True North Total Corr Mag North -> True North: +11.867° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)	Northing (ftUS)	Easting (ftUS)
Projected-Up	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	18.50	0.00	0.00	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	42.40	0.00	0.00	42.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	47.80	0.00	0.00	47.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00M	7217313.01	2175769.11
	78.10	0.00	0.00	78.10	0.00	0.00	0.00	0.00	0.00	0.00	160.40M	7217313.01	2175769.11
	519.00	0.40	160.40	519.00	1.01	-1.45	0.52	1.54	160.40	0.09	77.10M	7217311.58	2175769.66
	641.00	0.60	77.10	640.99	0.86	-1.71	1.28	2.14	143.12	0.56	73.50M	7217311.33	2175770.43
	764.00	1.40	73.50	763.97	-0.66	-1.14	3.35	3.54	108.76	0.65	31.10M	7217311.95	2175772.48
	2141.00	2.10	31.10	2140.38	-37.97	25.24	32.51	41.16	52.17	0.10	32.80M	7217338.95	2175801.07
	2343.00	1.80	32.80	2342.26	-44.84	31.08	36.14	47.67	49.31	0.15	-52.00M	7217344.86	2175804.57
	2775.00	1.50	308.00	2774.13	-52.45	40.26	35.36	53.59	41.29	0.52	-62.30M	7217354.02	2175803.60
	2870.00	1.70	297.70	2869.10	-52.59	41.69	33.13	53.25	38.48	0.37	-37.50M	7217355.40	2175801.34
	2966.00	2.40	322.50	2965.04	-53.34	43.94	30.65	53.58	34.90	1.16	-45.50M	7217357.60	2175798.81
	3155.00	2.60	314.50	3153.86	-56.00	50.09	25.18	56.06	26.69	0.21	-24.50M	7217363.62	2175793.21
	3282.00	1.70	335.50	3280.77	-57.85	53.82	22.35	58.28	22.55	0.93	11.60M	7217367.29	2175790.30
	3409.00	2.60	11.60	3407.68	-61.70	58.36	22.15	62.42	20.78	1.25	33.00M	7217371.83	2175790.00
	3598.00	3.50	33.00	3596.42	-71.54	67.39	26.15	72.29	21.21	0.76	30.50M	7217380.95	2175793.81
	3661.00	3.20	30.50	3659.31	-75.22	70.52	28.09	75.91	21.72	0.53	36.60M	7217384.11	2175795.68
	3788.00	3.50	36.60	3786.09	-82.61	76.89	32.20	83.17	22.78	0.37	37.60M	7217390.37	2175799.66
	3852.00	4.00	37.60	3849.96	-86.76	80.03	34.73	87.24	23.46	0.79	38.50M	7217393.76	2175802.11
	3914.00	4.40	38.50	3911.79	-91.25	83.60	37.53	91.64	24.17	0.65	39.90M	7217397.39	2175804.83
	3977.00	4.10	39.90	3974.62	-95.85	87.22	40.48	96.15	24.89	0.50	51.50M	7217401.07	2175807.70
	4105.00	4.40	51.50	4102.27	-104.90	93.79	47.25	105.02	26.74	0.71	53.00M	7217407.78	2175814.34
	4168.00	4.40	53.00	4165.08	-109.35	96.74	51.08	109.40	27.83	0.18	48.20M	7217410.82	2175818.10
	4232.00	4.50	48.20	4228.89	-113.98	99.90	54.91	113.99	28.80	0.60	41.80M	7217414.05	2175821.86
	4295.00	4.60	41.80	4291.69	-118.79	103.43	58.43	118.79	29.47	0.82	35.70M	7217417.66	2175825.31
	4358.00	5.10	35.70	4354.47	-124.04	107.58	61.75	124.05	29.86	1.14	-6.68G	7217421.88	2175828.54
	4421.00	5.60	35.10	4417.19	-129.89	112.37	65.15	129.89	30.11	0.80	159.09G	7217426.74	2175831.84
	4484.00	4.80	38.80	4479.93	-135.55	116.94	68.57	135.56	30.39	1.38	48.10M	7217431.39	2175835.16
	4547.00	4.80	48.10	4542.71	-140.65	120.76	72.19	140.69	30.87	1.23	49.80M	7217435.28	2175838.69
	4610.00	5.50	49.80	4605.46	-145.97	124.47	76.45	146.07	31.56	1.14	-15.85G	7217439.08	2175842.87
	4674.00	6.70	46.90	4669.09	-152.41	129.00	81.52	152.60	32.29	1.94	-32.85G	7217443.71	2175847.84
	4736.00	7.30	43.90	4730.63	-159.68	134.31	86.90	159.96	32.90	1.13	15.41G	7217449.14	2175853.10
	4767.00	7.90	45.10	4761.36	-163.64	137.23	89.77	163.98	33.19	2.00	-8.00G	7217452.12	2175855.91
Tie-In	4790.00	8.08	44.92	4784.14	-166.72	139.49	92.03	167.11	33.42	0.79	165.37G	7217454.43	2175858.12
	4838.00	4.80	185.40	4831.99	-168.14	139.88	94.23	168.66	33.97	25.35	-167.70M	7217454.87	2175860.32
	4870.00	10.70	192.30	4863.69	-164.08	135.64	93.47	164.73	34.57	18.63	2.22G	7217450.61	2175859.65
	4901.00	16.60	193.10	4893.80	-157.07	128.51	91.85	157.96	35.56	19.04	-6.22G	7217443.45	2175858.18
	4933.00	21.70	191.60	4924.02	-147.05	118.26	89.63	148.38	37.16	16.01	-12.56G	7217433.15	2175856.18
	4984.00	24.50	190.10	4952.53	-135.53	106.31	87.35	137.59	39.41	9.23	-2.97G	7217421.16	2175854.15
	4996.00	26.20	189.90	4981.45	-122.61	92.82	84.97	125.84	42.47	5.32	48.05G	7217407.62	2175852.06
	5028.00	27.80	193.60	5009.96	-108.78	78.60	82.00	113.59	46.21	7.25	44.93G	7217393.35	2175849.40
	5060.00	29.80	197.50	5038.00	-93.82	63.77	77.85	100.63	50.68	8.57	26.89G	7217378.43	2175845.57
	5092.00	31.90	199.50	5065.48	-77.71	48.21	72.64	87.18	56.43	7.30	38.65G	7217362.76	2175840.69
	5124.00	33.00	201.10	5092.48	-60.76	32.11	66.68	74.01	64.29	4.36	-40.25G	7217346.54	2175835.08

5156.00	34.00	199.60	5119.16	-43.32	15.55	60.54	62.51	75.60	4.06	-48.14G	7217329.85	2175829.30
5188.00	35.10	197.50	5145.52	-25.51	-1.65	54.77	54.80	91.73	5.07	-26.97G	7217312.53	2175823.90
5218.00	37.90	195.20	5169.63	-8.13	-18.78	49.76	53.19	110.67	10.39	24.22G	7217295.31	2175819.26
5250.00	41.30	197.50	5194.29	11.73	-38.34	44.01	58.37	131.06	11.57	5.97G	7217275.63	2175813.92
5282.00	46.90	198.30	5217.26	33.54	-59.52	37.16	70.17	148.02	17.59	8.55G	7217254.31	2175807.53
5313.00	51.60	199.20	5237.49	56.61	-81.75	29.60	86.94	160.09	15.32	4.62G	7217231.92	2175800.45
5345.00	57.90	199.80	5255.95	82.33	-106.37	20.88	108.40	168.89	19.75	5.81G	7217207.13	2175792.26
5377.00	64.10	200.50	5271.46	109.94	-132.63	11.24	133.10	175.16	19.47	4.41G	7217180.67	2175783.18
5409.00	71.50	201.10	5283.54	139.21	-160.30	0.72	160.31	179.74	23.19	0.00G	7217152.78	2175773.26
5440.00	77.00	201.10	5291.95	168.71	-188.13	-10.01	188.40	183.05	17.74	-14.95G	7217124.73	2175763.12
5473.00	78.10	200.80	5299.06	200.58	-218.22	-21.54	219.28	185.64	3.45	6.94G	7217094.40	2175752.25
5504.00	83.00	201.40	5304.15	230.83	-246.74	-32.54	248.88	187.51	15.92	-1.77G	7217065.65	2175741.86
5537.00	89.50	201.20	5306.31	263.40	-277.41	-44.50	280.95	189.11	19.71	-30.96G	7217034.74	2175730.56
5568.00	90.00	200.90	5306.45	294.07	-306.34	-55.63	311.35	190.29	1.88	168.69G	7217005.58	2175720.05
5600.00	89.00	201.10	5306.72	325.72	-336.21	-67.10	342.84	191.29	3.19	173.67G	7216975.48	2175709.23
5631.00	86.30	201.40	5308.00	356.37	-365.08	-78.32	373.38	192.11	8.76	0.00G	7216946.38	2175698.62
5664.00	87.40	201.40	5309.81	389.00	-395.75	-90.35	405.93	192.86	3.33	-4.58G	7216915.45	2175687.26
5696.00	89.90	201.20	5310.56	420.66	-425.56	-101.97	437.60	193.47	7.84	-9.46G	7216885.41	2175676.28
5727.00	91.10	201.00	5310.29	451.33	-454.48	-113.13	468.34	193.98	3.92	-31.99G	7216856.26	2175665.74
5760.00	91.90	200.50	5309.43	483.93	-485.32	-124.81	501.12	194.42	2.86	23.18G	7216825.17	2175654.72
5791.00	92.60	200.80	5308.21	514.54	-514.31	-135.74	531.92	194.78	2.46	143.13G	7216795.96	2175644.42
5823.00	91.40	201.70	5307.09	546.19	-544.12	-147.33	563.71	195.15	4.69	139.08G	7216765.92	2175633.47
5855.00	89.90	203.00	5306.73	577.94	-573.71	-159.49	595.47	195.54	6.20	-125.54G	7216736.08	2175621.94
5886.00	89.40	202.30	5306.92	608.72	-602.32	-171.43	626.24	195.89	2.77	-26.56G	7216707.22	2175610.62
5918.00	89.80	202.10	5307.14	640.47	-631.94	-183.52	658.05	196.19	1.40	7.12G	7216677.34	2175599.17
5949.00	90.60	202.20	5307.04	671.21	-660.66	-195.21	688.89	196.46	2.60	28.60G	7216648.39	2175588.10
5981.00	91.70	202.80	5306.39	702.97	-690.21	-207.45	720.72	196.73	3.92	-168.69G	7216618.58	2175576.49
6012.00	91.20	202.70	5305.61	733.75	-718.79	-219.44	751.54	196.98	1.64	145.61G	7216589.76	2175565.12
6044.00	89.30	204.00	5305.47	765.56	-748.17	-232.12	783.35	197.24	7.19	39.81G	7216560.12	2175553.07
6076.00	89.90	204.50	5305.69	797.43	-777.34	-245.26	815.12	197.51	2.44	51.84G	7216530.67	2175540.56
6105.00	91.00	205.90	5305.47	826.35	-803.58	-257.61	843.86	197.77	6.14	90.00G	7216504.18	2175528.78
6131.00	91.00	206.70	5305.01	852.30	-826.89	-269.13	869.58	198.03	3.08	78.68G	7216480.63	2175517.76
6163.00	91.10	207.20	5304.42	884.27	-855.41	-283.63	901.20	198.34	1.59	63.43G	7216451.81	2175503.88
6194.00	91.20	207.40	5303.80	915.24	-882.95	-297.84	931.83	198.64	0.72	-44.98G	7216423.97	2175490.26
6226.00	91.70	206.90	5302.99	947.20	-911.41	-312.44	963.48	198.92	2.21	140.71G	7216395.21	2175476.27
6258.00	90.60	207.80	5302.35	979.17	-939.83	-327.14	995.14	199.19	4.44	161.57G	7216366.48	2175462.19
6289.00	88.80	208.40	5302.51	1010.16	-967.17	-341.74	1025.77	199.46	6.12	60.26G	7216338.84	2175448.18
6321.00	89.20	209.10	5303.07	1042.15	-995.23	-357.13	1057.36	199.74	2.52	33.69G	7216310.46	2175433.39
6353.00	89.80	209.50	5303.35	1074.15	-1023.13	-372.79	1088.93	200.02	2.25	12.53G	7216282.23	2175418.33
6385.00	90.70	209.70	5303.21	1106.15	-1050.95	-388.59	1120.50	200.29	2.88	-36.86G	7216254.08	2175403.13
6416.00	91.10	209.40	5302.72	1137.15	-1077.92	-403.88	1151.10	200.54	1.61	-18.43G	7216226.80	2175388.42
6448.00	91.40	209.30	5302.03	1169.14	-1105.80	-419.56	1182.72	200.78	0.99	18.43G	7216198.59	2175373.35
6480.00	91.70	209.40	5301.16	1201.13	-1133.69	-435.24	1214.36	201.00	0.99	-59.01G	7216170.38	2175358.27
6511.00	92.00	208.90	5300.16	1232.11	-1160.75	-450.33	1245.04	201.20	1.88	-174.81G	7216143.00	2175343.76
6544.00	90.90	208.80	5299.32	1265.10	-1189.64	-466.25	1277.75	201.40	3.35	93.15G	7216113.78	2175328.47
6575.00	90.70	212.40	5298.89	1296.08	-1216.32	-482.03	1308.35	201.62	11.63	-44.99G	7216086.77	2175313.27
6607.00	91.20	211.90	5298.36	1328.04	-1243.41	-499.05	1339.82	201.87	2.21	63.43G	7216059.33	2175296.83
6639.00	91.30	212.10	5297.66	1360.00	-1270.54	-516.01	1371.32	202.10	0.70	-161.56G	7216031.84	2175280.46
6671.00	89.80	211.60	5297.36	1391.97	-1297.72	-532.89	1402.87	202.32	4.94	101.31G	7216004.31	2175264.16
6702.00	89.70	212.10	5297.49	1422.95	-1324.05	-549.25	1433.45	202.53	1.64	-45.00G	7215977.64	2175248.37
6734.00	89.90	211.90	5297.60	1454.92	-1351.19	-566.21	1465.02	202.74	0.88	-72.90G	7215950.14	2175232.00
6767.00	90.30	210.60	5297.55	1487.90	-1379.40	-583.33	1497.67	202.92	4.12	107.10G	7215921.57	2175215.49
6798.00	89.90	211.90	5297.49	1518.88	-1405.90	-599.41	1528.35	203.09	4.39	175.60G	7215894.74	2175199.98
6829.00	88.60	212.00	5297.90	1549.85	-1432.20	-615.81	1558.98	203.27	4.21	-63.44G	7215868.09	2175184.15
6862.00	89.00	211.20	5298.59	1582.82	-1460.30	-633.10	1591.63	203.44	2.71	21.80G	7215839.63	2175167.46
6895.00	89.50	211.40	5299.02	1615.80	-1488.49	-650.24	1624.32	203.60	1.63	70.71G	7215811.08	2175150.93
6926.00	90.20	213.40	5299.10	1646.76	-1514.67	-666.85	1654.96	203.76	6.84	-57.52G	7215784.56	2175134.89
6958.00	90.90	212.30	5298.79	1678.70	-1541.55	-684.21	1686.57	203.93	4.07	56.29G	7215757.32	2175118.11
6990.00	91.70	213.50	5298.07	1710.63	-1568.41	-701.58	1718.17	204.10	4.51	116.56G	7215730.09	2175101.31
7022.00	91.40	214.10	5297.20	1742.53	-1594.99	-719.38	1749.71	204.28	2.10	0.00G	7215703.14	2175084.09
7053.00	91.80	214.10	5296.34	1773.42	-1620.65	-736.75	1780.26	204.45	1.29	132.87G	7215677.12	2175067.28
7085.00	90.50	215.50	5295.69	1805.27	-1646.92	-755.01	1811.74	204.63	5.97	-140.19G	7215650.46	2175049.59
7116.00	89.90	215.00	5295.59	1836.11	-1672.24	-772.90	1842.21	204.81	2.52	64.98G	7215624.77	2175032.24
7148.00	90.60	216.50	5295.45	1867.92	-1698.21	-791.60	1873.64	204.99	5.17	-126.87G	7215598.41	2175014.11
7180.00	90.30	216.10	5295.20	1899.69	-1723.99	-810.54	1905.03	205.18	1.56	90.00G	7215572.23	2174995.72
7211.00	90.30	216.90	5295.03	1930.46	-1748.91	-828.98	1935.43	205.36	2.58	-123.69G	7215546.92	2174977.82

7216.00	90.10	216.60	5295.02	1935.42	-1752.92	-831.97	1940.34	205.39	7.21	56.30G	7215542.85	2174974.92	
7248.00	90.90	217.80	5294.74	1967.12	-1778.41	-851.32	1971.67	205.58	4.51	-164.36G	7215516.96	2174956.12	
7280.00	88.40	217.10	5294.93	1998.81	-1803.81	-870.77	2002.99	205.77	8.11	143.18G	7215491.15	2174937.22	
7312.00	86.80	218.30	5296.27	2030.45	-1829.10	-890.32	2034.28	205.95	6.25	-85.63G	7215465.44	2174918.21	
7344.00	86.90	217.00	5298.03	2062.08	-1854.40	-909.84	2065.58	206.13	4.07	-75.96G	7215439.73	2174899.24	
7376.00	87.00	216.60	5299.73	2093.77	-1879.99	-928.98	2096.99	206.30	1.29	-20.78G	7215413.75	2174880.66	
7407.00	89.90	215.50	5300.57	2124.55	-1905.04	-947.22	2127.53	206.44	10.00	-30.93G	7215388.31	2174862.96	
7439.00	93.40	213.40	5299.65	2156.41	-1931.41	-965.31	2159.20	206.56	12.75	110.56G	7215361.56	2174845.44	
7471.00	93.10	214.20	5297.84	2188.27	-1957.96	-983.08	2190.90	206.66	2.87	80.51G	7215334.64	2174828.24	
7502.00	93.20	214.80	5296.13	2219.10	-1983.47	-1000.61	2221.57	206.77	1.96	-168.69G	7215308.77	2174811.26	
7534.00	91.20	214.40	5294.90	2250.95	-2009.79	-1018.77	2253.25	206.88	6.37	116.56G	7215282.07	2174793.68	
7565.00	90.70	215.40	5294.39	2281.81	-2035.21	-1036.50	2283.95	206.99	3.61	-158.20G	7215256.27	2174776.49	
7597.00	90.20	215.20	5294.14	2313.64	-2061.32	-1054.99	2315.61	207.10	1.68	146.31G	7215229.77	2174758.57	
7628.00	89.90	215.40	5294.11	2344.48	-2086.62	-1072.91	2346.30	207.21	1.16	33.69G	7215204.10	2174741.20	
7660.00	90.20	215.60	5294.08	2376.30	-2112.68	-1091.49	2377.97	207.32	1.13	-78.69G	7215177.66	2174723.18	
7692.00	90.50	214.10	5293.89	2408.16	-2138.94	-1109.77	2409.70	207.42	4.78	41.18G	7215151.01	2174705.46	
7724.00	91.30	214.80	5293.39	2440.03	-2165.32	-1127.87	2441.46	207.51	3.32	0.00G	7215124.25	2174687.94	
7756.00	91.30	214.80	5292.66	2471.89	-2191.59	-1146.13	2473.19	207.61	0.00	0.00G	7215097.60	2174670.25	
7788.00	91.50	214.80	5291.88	2503.74	-2217.86	-1164.39	2504.94	207.70	0.62	-174.81G	7215070.95	2174652.56	
7820.00	90.40	214.70	5291.35	2535.60	-2244.15	-1182.63	2536.69	207.79	3.45	-124.99G	7215044.28	2174634.89	
7851.00	89.70	213.70	5291.32	2566.49	-2269.79	-1200.05	2567.50	207.87	3.94	80.54G	7215018.27	2174618.02	
7883.00	89.90	214.90	5291.43	2598.38	-2296.22	-1218.08	2599.30	207.94	3.80	0.00G	7214991.46	2174600.56	
7915.00	90.30	214.90	5291.38	2630.23	-2322.47	-1236.39	2631.07	208.03	1.25	21.80G	7214964.83	2174582.82	
7947.00	90.80	215.10	5291.07	2662.08	-2348.68	-1254.74	2662.83	208.11	1.68	-135.00G	7214938.24	2174565.03	
7978.00	89.90	214.20	5290.88	2692.96	-2374.18	-1272.37	2693.63	208.19	4.11	-153.44G	7214912.37	2174547.96	
8010.00	89.70	214.10	5290.99	2724.85	-2400.66	-1290.33	2725.46	208.26	0.70	48.81G	7214885.51	2174530.56	
8042.00	90.40	214.90	5290.96	2756.73	-2427.03	-1308.46	2757.27	208.33	3.32	36.86G	7214858.76	2174513.01	
8074.00	91.60	215.80	5290.40	2788.55	-2453.13	-1326.97	2789.03	208.41	4.69	-172.40G	7214832.27	2174495.06	
8106.00	90.10	215.60	5289.93	2820.36	-2479.11	-1345.64	2820.77	208.49	4.73	-90.00G	7214805.90	2174476.95	
8138.00	90.10	215.50	5289.87	2852.18	-2505.15	-1364.24	2852.53	208.57	0.31	-63.43G	7214779.47	2174458.91	
8169.00	90.40	214.90	5289.74	2883.02	-2530.48	-1382.11	2883.32	208.64	2.16	0.00G	7214753.77	2174441.59	
8201.00	91.10	214.90	5289.32	2914.88	-2556.72	-1400.42	2915.13	208.71	2.19	-111.80G	7214727.14	2174423.85	
8233.00	90.90	214.40	5288.76	2946.74	-2583.04	-1418.61	2946.96	208.78	1.68	-156.04G	7214700.44	2174406.23	
8265.00	90.00	214.00	5288.51	2978.63	-2609.51	-1436.60	2978.81	208.83	3.08	150.26G	7214673.60	2174388.82	
8297.00	89.30	214.40	5288.71	3010.52	-2635.97	-1454.58	3010.67	208.89	2.52	81.87G	7214646.76	2174371.40	
8329.00	89.40	215.10	5289.07	3042.38	-2662.26	-1472.82	3042.51	208.95	2.21	-33.69G	7214620.08	2174353.73	
8361.00	89.70	214.90	5289.32	3074.23	-2688.47	-1491.18	3074.33	209.02	1.13	39.81G	7214593.49	2174335.94	
8392.00	90.30	215.40	5289.32	3105.08	-2713.82	-1509.02	3105.15	209.08	2.52	-65.22G	7214567.77	2174318.65	
8425.00	90.90	214.10	5288.97	3137.94	-2740.93	-1527.83	3137.99	209.14	4.34	44.99G	7214540.26	2174300.42	
8456.00	91.10	214.30	5288.43	3168.83	-2766.57	-1545.25	3168.87	209.19	0.91	104.03G	7214514.26	2174283.56	
8488.00	91.00	214.70	5287.85	3200.70	-2792.94	-1563.37	3200.72	209.24	1.29	-75.95G	7214487.51	2174266.00	
8520.00	91.30	213.50	5287.21	3232.59	-2819.43	-1581.31	3232.60	209.29	3.86	44.98G	7214460.65	2174248.64	
8552.00	91.80	214.00	5286.34	3264.49	-2846.03	-1599.08	3264.50	209.33	2.21	50.17G	7214433.68	2174231.44	
8584.00	92.30	214.60	5285.19	3296.35	-2872.44	-1617.10	3296.36	209.38	2.44	123.71G	7214406.88	2174213.99	
Last Survey	8594.00	92.10	214.90	5284.81	3306.30	-2880.65	-1622.80	3306.30	209.39	3.60	0.00G	7214398.55	2174208.48
To MD	8641.00	92.10	214.90	5283.09	3353.06	-2919.18	-1649.67	3353.06	209.47	0.00	0.00G	7214359.47	2174182.44

N/S E/W

Survey Type: Non-Def Survey

Survey Error Model: SLB ISCWSA version 22 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)	MD To (ft)	EOU Freq	Survey Tool Type
-33.50	0.00	Act-Stns	SLB_MWD-STD
0.00	4790.00	Act-Stns	SLB_MWD-STD
4790.00	8594.00	Act-Stns	SLB_MWD-STD

Borehole -> Survey

Original Hole -> GHX 13HG-17-8-21 Field Survey
 Original Hole -> GHX 13HG-17-8-21 Field Survey
 Re-Entry -> GHX 13HG-17-8-21 Re-Entry Field Survey

**Italicized stations are NOT used in position calculations.*

Operations Summary Report - DRILLING

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: AZTEC

Spud Date: 6/1/2003
 Rig Release: 3/7/2010
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/18/2010	06:00 - 18:30	12.50	LOC	3	RIG DOWN AND MOVE RIG TO NEW LOCATION, 100% RIGGED DOWN, 100% SET IN, 50% RIGGED UP, BOILER RIGGED UP AND ON LINE, ELECTRICAL LEADS, WIND WALLS
	18:30 - 06:00	11.50	LOC	4	50 % RIGGED UP, BOILER RIGGED UP AND ONLINE, FUEL WATER AND AIR SYSTEMS RIGGED UP, WIND WALLS, STAIRS AND HANDRAILS UP, MISC HOSES AND ELECTRICAL RIGGED UP. WILL RAISE DERRICK THIS AM
2/19/2010	06:00 - 06:00	24.00	LOC	4	RAISE DERRICK, RIG REPAIR: WORK ON DRAWWORKS, MUD PUMPS AND RACKING FLOOR STACK UP BOP AND MODIFY FLOW LINE, INSTALLED NATURAL GAS LINE TO BOILER AND FIRED ON SAME, RIG UP GAS BUSTER AND FLARE LINES
2/20/2010	06:00 - 18:00	12.00	RIG	2	RIG REPAIR : REPAIR DRAWWORKS WATER CIRCULATING SYSTEM, REPAIR MUD PUMP#1 OILER SYSTEM AND RIG UP TOP DRIVE
	18:00 - 23:00	5.00	BOP	1	NIPPLE UP BOP - RIG ON DAYRATE @ 18:00 HRS 2/19/2010 E-MAIL BOP NOTIFICATION SENT TO UTAH BLM ON 2/19/2009 @14:00, LEFT VOICE MESSAGE WITH JAMIE
2/21/2010	23:00 - 04:00	5.00	BOP	2	NOTIFIED UTAH DEPT. OF NAUURAL RESOURCES OIL AND GAS DIV, VICKI DYSON ON 2/18/2010 @08:00 OF MOVE ON RIG UP RIG UP TESTERS AND HELD SAFETY MEETING, TEST BOP, DART AND FLOOR VALVES, TOPDRIVE DOUBLE BALL VALVE, PIPE RAMS, CHECK VALVE, CHOKE VALVES AND CHOKE MANIFOLD TO 3000 PSI, ANNULAR TO 1500 PSI, RIG DOWN TESTERS
	04:00 - 05:00	1.00	TRP	1	HELD SAFETY MEETING, RIG UP LAYDOWN MACHINE
	05:00 - 05:30	0.50	OTH		INSTALL WEAR BUSHING
	05:30 - 06:00	0.50	TRP	1	P/U BHA
	06:00 - 11:00	5.00	TRP	2	PICK UP DRILL STRING, TAG RBP @ 4797'
	11:00 - 11:30	0.50	CIRC	1	RIG DOWN LAYDOWN TRUCK AND CIRCULATE
	11:30 - 13:00	1.50	HOT	1	RIG UP HOT OILER AND CIRCULATE HOLE WITH 200 DEGREE WATER
	13:00 - 14:30	1.50	TRP	2	TRIP OUT OF THE HOLE TO HWDP
	14:30 - 16:00	1.50	RIG	6	CUT DRILLING LINE
	16:00 - 18:00	2.00	TRP	2	TRIP OUT OF THE HOLE
	18:00 - 20:00	2.00	TRP	1	LAY DOWN BIT, CASING SCRAPER AND BIT SUB, P/U WHIPSTOCK/MILLING ASSEMBLY AND ORIENT
	20:00 - 22:30	2.50	TRP	2	TRIP IN THE HOLE WITH WHIPSTOCK AND MILLING ASSEMBLY
	22:30 - 23:30	1.00	LOG	4	RIG UP WIRELINE TRUCK AND RUN IN THE HOLE WITH GYRO TOOL
	23:30 - 00:00	0.50	LOG	4	ORIENT AND SET WHIPSTOCK AT 212 DEGREES, TOP OF WHIPSTOCK @4778'
2/22/2010	00:00 - 00:30	0.50	LOG	4	PULL OUT OF THE HOLE WITH GYRO TOOL AND RIG DOWN WIRELINE TRUCK
	00:30 - 06:00	5.50	FISH	1	ADJUST TOPDRIVE TORQUES FOR MILLING AND MILL WINDOW FROM 4778' TO 4784 206 GPM 2-5 WOB
	06:00 - 13:30	7.50	DRL	2	MILL WINDOW AND 5' OF NEW HOLE
	13:30 - 14:00	0.50	CIRC	1	CIRCULATE HIGH VIS SWEEP
	14:00 - 16:30	2.50	TRP	10	TRIP OUT OF THE HOLE TO PUCK UP DIRECTIONAL TOOLS
	16:30 - 17:00	0.50	TRP	1	LAY DOWN MILLING ASSEMBLY (WINDOW MILL 3/16 OUT FOLLOW MILL 1/16 OUT)
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 20:00	2.50	TRP	1	PICK UP DIRECTIONAL TOOLS AND ORIENT, SURFACE TEST MOTOR
	20:00 - 20:30	0.50	OTH		CHANGE OUT GRABBER DIES AND RESET DRILLING TORQUE ON TOP DRIVE
	20:30 - 22:30	2.00	TRP	2	TRIP IN THE HOLE
22:30 - 23:30	1.00	LOG	4	RIG UP WIRELINE TRUCK AND MAKE UP PUMP IN SUB	

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Operations Summary Report

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: AZTEC

Spud Date: 6/1/2003
 Rig Release: 3/7/2010
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/22/2010	23:30 - 01:30	2.00	LOG	4	RIH WITH GYRO, LOST COMMUNICATION WITH TOOL, POOH AND TRPUBLESHOOT GYRO
	01:30 - 02:30	1.00	LOG	4	RIH WITH GYRO AND ACQUIRE TOOL FACE
	02:30 - 05:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 4791 TO 4824
2/23/2010	05:00 - 06:00	1.00	SUR	1	POOH WITH GYRO AND MAKE CONNECTION
	06:00 - 08:30	2.50	DRL	2	DIRECTIONAL DRILL WITH GYRO FROM 4824 TO 4857
	08:30 - 09:30	1.00	LOG	4	POOH WITH GYRO AND MAKE CONNECTION
	09:30 - 11:30	2.00	DRL	2	DIRECTIONAL DRILL WITH GYRO FROM 4857 TO 4889
	11:30 - 12:30	1.00	LOG	4	POOH WITH GYRO AND RIG DOWN WIRELINE TRUCK
	12:30 - 06:00	17.50	DRL	2	DIRECTIONAL DRILL FROM 4889 TO 5136 247' ROP 14.1'/HR WOB 18/22 GPM 255
2/24/2010	06:00 - 14:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 5136 TO 5236 100' ROP 11.7'/HR WOB 20/26 GPM 255
	14:30 - 15:30	1.00	CIRC	1	CIRCULATE HIGH VIS SWEEP, BUILD AND PUMP TRIP SLUG
	15:30 - 18:00	2.50	TRP	12	TRIP OUT OF THE HOLE TO BEND MOTOR TO A 2.23
	18:00 - 19:30	1.50	TRP	1	CHANGE OUT BITS, BEND MOTOR TO 2.23, PULL AND INSPECT MWD
	19:30 - 22:30	3.00	TRP	2	TRIP IN THE HOLE TO 5206, WASH 30' TO BOTTOM
	22:30 - 06:00	7.50	DRL	2	DIRECTIONAL DRILL FROM 5036 TO 5338
2/25/2010	06:00 - 06:00	24.00	DRL	2	DIRECTIONAL DRILL F/5338 T/ 5670 FEET ENTERED G-1 LIMESTONE @ 5555 FEET
2/26/2010	06:00 - 06:00	24.00	DRL	2	DIRECTIONAL DRILL F/5670 T/ 6095 425' 17.7'/HR WOB 14/16 RPM 74/118 GPM 255
2/27/2010	06:00 - 08:00	2.00	DRL	2	DIRECTIONAL DRILL F/6095 T/5156 61' 30.5'/HR WOB 15/16 RPM 118 GPM 255
	08:00 - 09:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, PUMP HIGH VIS SWEEP
	09:00 - 12:30	3.50	TRP	10	TRIP OUT OF HOLE FOR BHA
	12:30 - 14:00	1.50	TRP	1	CHANGE OUT DIRECTIONAL TOOLSAND MOTOR, ORIENT AND TEST
	14:00 - 17:00	3.00	TRP	2	TRIP IN THE HOLE TO 4679
	17:00 - 18:30	1.50	RIG	1	RIG SERVICE TOP DRIVE ENGINE
	18:30 - 19:30	1.00	CIRC	1	CIRC OUT GAS AT THE WINDOW @ 66 S.P.M. 20 TO 30 FOOT FLARE
	19:30 - 21:30	2.00	TRP	2	TRIP IN THE HOLE TO 6100 FEET & CIRC.OUT TRIP GAS @ 66 S.P.M. 20 TO 30 FOOT FLARE
2/28/2010	21:30 - 06:00	8.50	DRL	2	DIRECTIONAL DRILL FROM 6156 FEET TO 6300 FEET
	06:00 - 11:30	5.50	DRL	2	DIRECTIONAL DRILL F/6300 T/ 6432 132' 28.4'/HR WOB 15/16 RPM 123 GPM 256
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 22:30	10.50	DRL	2	DIRECTIONAL DRILL FROM 6432 FT TO 6593
	22:30 - 23:00	0.50	CIRC	1	PUMP 20 BBL WATER PILL & FOLLOW WITH A HIGH VIS SWEEP & BRING TO SURFACE
3/1/2010	23:00 - 01:00	2.00	TRP	13	TRIP OUT 10 STANDS AND MIX & PUMP A DRY JOB
	01:00 - 02:30	1.50	TRP	13	TRIP TO THE WINDOW @ 4756 FEET
	02:30 - 03:00	0.50	CIRC	1	CIRC AND MIX A E.C.D. PILL OF 11.4 PPG AND SPOT IN THE CASING WELL WAS FLOWING 1" FLOW
	03:00 - 06:00	3.00	TRP	13	TRIP OUT OF HOLE FOR MWD.
	06:00 - 07:00	1.00	TRP	13	TRIP OUT OF HOLE FOR MWD
	07:00 - 08:00	1.00	TRP	1	CHANGE OUT MWD, CHECK MOTOR AND BIT
	08:00 - 11:30	3.50	TRP	13	TRIP IN HOLE TO WINDOW
	11:30 - 12:00	0.50	CIRC	1	CIRCULATE ECD PILL OUT OF HOLE
	12:00 - 13:00	1.00	TRP	13	TRIP IN IN HOLE
	13:00 - 13:30	0.50	REAM	1	WASH 30' TO BOTTOM
	13:30 - 14:00	0.50	CIRC	1	CIRCULATE TRIP GAS OUT OF HOLE
	14:00 - 06:00	16.00	DRL	1	DIRECTIONAL DRILL F/6593 T/ 6876 FT. 283' 17.6'/HR

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Operations Summary Report

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: AZTEC

Spud Date: 6/1/2003
 Rig Release: 3/7/2010
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/1/2010	14:00 - 06:00	16.00	DRL	1	WOB 15/16 RPM 123 GPM 255
3/2/2010	06:00 - 03:00	21.00	DRL	2	DIRECTIONAL DRILL F/6876 T/ 7254 378 18.0'/HR
	03:00 - 03:30	0.50	TRP	10	TRIP OUT 10 STANDS AND PUMP TRIP SLUG
	03:30 - 05:00	1.50	TRP	10	TRIP OUT FOR BIT AND PUSH PIPE
	05:00 - 05:30	0.50	CIRC	1	SPOT11.0 PPG,35 BBL ECD PILL
	05:30 - 06:00	0.50	TRP	10	TRIP OUT FOR BIT AND PUSH PIPE
3/3/2010	06:00 - 09:00	3.00	TRP	10	TRIP OUT OF HOLE FOR BIT AND PUSH PIPE
	09:00 - 11:00	2.00	TRP	1	CHANGE OUT MOTOR,BIT AND DIRECTIONAL TOOLS.
	11:00 - 14:00	3.00	TRP	1	TRIP IN HOLE TO WINDOW
	14:00 - 15:00	1.00	CIRC	1	CIRCULATE OUT ECD PILL
	15:00 - 16:00	1.00	TRP	10	TRIP IN HOLE
	16:00 - 16:30	0.50	REAM	1	WASH 40' TO BOTTOM
	16:30 - 17:00	0.50	CIRC	1	CIRCULATE OUT TRIP GAS OUT
3/4/2010	17:00 - 06:00	13.00	DRL	2	DIRECTIONAL DRILL F/7254 T/7391
	06:00 - 17:30	11.50	DRL	2	DIRECTIONAL DRILL F/7391 T/ 7486
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 22:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 7486 FEET TO 7526 FEET
	22:00 - 22:30	0.50	CIRC	1	CIRC. UP SAMPLES
	22:30 - 06:00	7.50	DRL	2	DIRECTIONAL DRILL FROM 7526 FEET TO 7675 W/ 15,000 BIT WEIGHT 255 G.P.M ON PUMPS @ 3400 PSI 60 RPM ON TABLE 149' 19.8
3/5/2010	06:00 - 15:30	9.50	DRL	2	DIRECTIONAL DRILL F/7675 T/7863 188' 19.8'/HR WOB 16/18 RPM 124 GPM 255
	15:30 - 16:30	1.00	TRP	14	SHORT TRIP TO 7233
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 17:30	0.50	TRP	14	TRIP IN THE HOLE
	17:30 - 18:00	0.50	REAM	1	WASH & REAM FROM 7743 TO 7863 FEET (120 FEET)
	18:00 - 06:00	12.00	DRL	2	DIRECTIONAL DRILL FROM 7863 FEET TO 8153 FT. 290' 24.2'/HR ROTATE@ 55 RPM BIT WT= 15000 WITH 255 GPM MOTOR SPEED= 74
3/6/2010	06:00 - 12:30	6.50	DRL	2	DIRECTIONAL DRILL F/8153 T/8310 157' 24.2'/HR
	12:30 - 14:00	1.50	TRP	14	SHORT TRIP TO 7365 FEET
	14:00 - 14:30	0.50	REAM	1	WASH & REAM FROM 8250 TO 8310 FEET = 60 FEET
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE & TOP DRIVE
	15:00 - 06:00	15.00	DRL	2	DIRECTIONAL DRILL FROM 8310 TO 8641 FEET 331' 22.0'/HR WOB 16/18 RPM 124 GPM 255
3/7/2010	06:00 - 06:30	0.50	CIRC	1	PUMP FRESH WATER SWEEP AND CIR. BOTTOMS UP
	06:30 - 08:00	1.50	TRP	14	SHORT TRIP TO /7245' TAGGED UP @ 8356'
	08:00 - 09:30	1.50	REAM	1	WASH AND REAM F/8344 T/8641
	09:30 - 11:30	2.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR CASING. PUMP FRESH WATER SWEEP AND SPOT POLY BEADS.
	11:30 - 14:30	3.00	TRP	2	TRIP OUT OF HOLE FOR CASING
	14:30 - 15:00	0.50	CIRC	1	SPOT ECD PILL @ WINDOW
	15:00 - 18:00	3.00	TRP	2	TRIP OUT OF HOLE FOR CASING
	18:00 - 20:00	2.00	TRP	1	LAY DOWN AND LOAD OUT DIRECTIONAL TOOLS
	20:00 - 20:30	0.50	CSG	1	PREJOB SAFETY MEETING AND RIG UP CASING CREWS & LAY DOWN MACHINE
	20:30 - 22:30	2.00	CSG	4	RUN 85 JTS OF 4.5" LINNER 52 JTS BLANK N-80 LT&C & 33 JTS OF P-110 PERFORATED LINNER LINNER LENGTH = 3741.08 FT
	22:30 - 23:00	0.50	CSG	1	RIG DOWN CASING CREWS & LAY DOWN MACHINE
	23:00 - 01:30	2.50	TRP	2	TRIP IN THE HOLE WITH THE 4 1/2" LINNER. SET LINNER TOP @ 4790 FT. SHOE @ 8532 FEET
	01:30 - 02:00	0.50	CSG	1	RIG UP LAY DOWN MACHINE
3/8/2010	02:00 - 06:00	4.00	TRP	3	LAY DOWN DRILL PIPE
	06:00 - 11:00	5.00	TRP	3	LAY DOWN DRILL PIPE

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Operations Summary Report

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: AZTEC

Spud Date: 6/1/2003
 Rig Release: 3/7/2010
 Rig Number: 777

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/8/2010	11:00 - 12:00	1.00	CSG	1	RIG DOWN LAY DOWN TRUCK, RIG UP WIRE LINE TRUCK
	12:00 - 14:00	2.00	LOG	4	RU IN HOLE WITH GAUGE RING AND JUNK BASKET, RUN RBP AND SET @ 4200'
	14:00 - 20:00	6.00	LOC	7	NIPPLE DOWN BOP AND CLEAN MUD TANKS RIG RELEASED @ 20:00 HRS
	20:00 - 06:00	10.00			RIG DOWN PREPARE FOR TRUCKS

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Operations Summary Report - COMPLETION

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: BASIN WELL SEREVICE

Spud Date: 6/1/2003
 Rig Release: 6/12/2009
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/11/2010	06:00 - 16:00	10.00	LOC	4	<p>TIGHT HOLE - WELL COMPLETION IN THE LATERAL</p> <p>On 3/10/10 MIRU Rocky Mtn WS #3. NU BOP's. Pick up & tally & rabbit in the hole w/ a ret head; 1 jt of tbg; ball test sub & 2-7/8" tbg to 4180'. Circ hole clean w/ 2% KCL water. SIFN.</p> <p>24 Hour Forecast: Will test tbg & attempt to latch onto & pull ret BP @ 4200'.</p> <p>Csg Size: 4-1/2" 11.6# perf liner 8532-4790' Csg Depth: 8532'</p> <p>Perfs: 4-1/2" slotted liner from show @ 8532' to top @ 4790', 7", 23#, L-80 csg int.</p>
3/12/2010	06:00 - 16:00	10.00	LOC	4	<p>TIGHT HOLE - WELL COMPLETION IN THE LATERAL</p> <p>On 3/11/10 w/ ret head & tbg & ball test sub in the hole @ 4150' test 2-7/8" tbg to 3000# & held OK. Bled off & reverse out test ball. RIH & tag RBP @ 4200' but could not engage plug. POOH. Lay down test sub & RIH w/ ret head without guide shoe & latch onto & release RBP @ 4200'. Pull plug to 2300' & SIFN.</p> <p>24 Hour Forecast: Will POOH w/ plug & tally & rabbit in the hole w/ 2-3/8" & 2-7/8" tbg.</p> <p>Csg Size: 4-1/2" 11.6# perf liner 8532-4790' Csg Depth: 8532'</p> <p>Perfs: 4-1/2" slotted liner from show @ 8532' to top @ 4790', 7", 23#, L-80 csg int.</p>
3/16/2010	06:00 - 16:00	10.00	LOC	4	<p>TIGHT HOLE - WELL COMPLETION IN THE LATERAL</p> <p>On 3/12/10 SITP=03 and SICP=450# with RBP released and on tbg.at 2000'. Bled down well and pump 20 bbl.of 10# brine down the wll. Finish POOH with tbg.and RBP. Tally and RIH with 122 jts.of 2-3/8" (3797.86') of work-string. x-over, 1 jt of 2-7/8" tbg.; float sub and 149 jts.of 2-7/8" tbg.to end of liner at 8532'. Circ.hole clean with 2% KCL water. SIT the well until AM of 3/16/10 when the well will be acidized in several stages.</p> <p>Csg Size: 4-1/2" 11.6# perf liner 8532-4790' Csg Depth: 8532'</p> <p>Perfs: 4-1/2" slotted liner from show @ 8532' to top @ 4790', 7", 23#, L-80 csg int.</p>
3/17/2010	06:00 - 16:00	10.00	STIM	1	<p>TIGHT HOLE - WELL COMPLETION IN THE LATERAL</p> <p>On 3/16/10 SITP=0# with float in the string and SICP=720#. MIRU Halliburton acid crew to acidize the G-1 lateral down 2-3/8" and 2-7/8" tbg.as follows per stage. All acid is 15% HCL with additives and on all stages the acid was spotted to the end of the tbg.with the csg.open and then the csg.was closed during the acid and flush bullhead.</p> <p>Stages: Zone #1: Tbg.tail at 8525': Pump 7000 gal of acid and displace with 42 bbl.of water. T Max.rate=7.2; Ave=6.5 BPM; Max.psi=3000#; Ave=2750#. Total load=209 bbl.</p>

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Operations Summary Report

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: BASIN WELL SEREVICE

Spud Date: 6/1/2003
 Rig Release: 6/12/2009
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/17/2010	06:00 - 16:00	10.00	STIM	1	<p>Zone #2: With tbg.tail at 7903'. Pump 7000 gal.of acid and displace with 39 bbl.of water. Total load of 206 bbl..Max.rate=7; Ave=7 BPM; Max.psi=2750#; Ave=2500#.</p> <p>Zone #3: With tbg.tail at 7495'. Pump 6000 gal.of acid and displace with 36 bbl.of water. Total load of 179 bbl..Max.rate=7; Ave=6.7 BPM; Max.psi=2800#; Ave=2800#.</p> <p>Zone #4: With tbg.tail at 6928'; Pump 6000 gal.of acid and displace with 33 bbl.of water. Total load of 176 bbl..Max.rate=7; Ave=6.8 BPM; Max.psi=2500#; Ave=2375#.</p> <p>Zone #5: With tbg.tail at 6493'. Pump 5000 gal.of acid adn displace with 31 bbl.of water. Total load of 150 bbl..Max.rate=6.7; Ave=6.7 BPM; Max.psi=2350#; Ave=2000#.</p> <p>Zone #6: With tbg.tail at 5828'. Pump 4000 gal.of acid and displace with 27 bbl.of water. Total load of 102 bbl. Max. rate=6.6; Ave=6.4 BPM; Max.psi=2525#; Ave=2375#.</p> <p>On 3/17/10 will bleed off well and POOH with tbg.and lay down the 2-3/8" work string.</p> <p>Csg Size: 4-1/2" 11.6# perf liner 8532-4790' Csg Depth: 8532'</p> <p>Perfs: 4-1/2" slotted liner from show @ 8532' to top @ 4790', 7", 23#, L-80 csg int.</p> <p>Load from yesterday: 150 csg.vol. Plus water today: 1025 LLTR: 1175</p>
3/22/2010	06:00 - 16:00	10.00	BOP	1	<p>On 3/18/10 SITP=200# and SICP=540#. Bled off well Pull on whipstock and it is free after leaving 25M# pull on the string overnight. POOH with whipstock and lay down whipstock and tools. RIH with ret.head and latch onto and release RBP at 4800'. Pull plug to 4150' and SIFN. Used a total of 110 bbl.of brine today to control well.</p> <p>On 3/19/10 SITP and SICP=200#. Bled down well. Pump 80 bbl.of brine water. Finish POOH with tbg.and RBP. RIH with production string as follows: Barred NC; 12 jts.of tbg., SN; 7" B-2 anchor catcher and 150 jts.of tbg.to surface. ND BOP's and set anchor with 15M# tension. NUWH. SIFW. On 3/22/10 will run rods and pump and RD Rocky Mtn. WS.</p> <p>Tbg.Detail: (3/19/10): Barred NC=0.44'; 12 jts.of tbg. #378.43'; SN=1.10'; B-2 anchor catcher=2.33'; 150 jts.of tbg.=4732.22'; Tension=1.0'; KB=14'; Tbg.tail at 5129.52'; SN at 4750.56'; A/C at 4749.55'. All tbg.is used 2-7/8" EUE 8rd 6.5# J-55.</p> <p>Casing size: 4-1/2" 11.6# perf.liner 8532-4790' Casing depth: 8532'</p> <p>Load from yesterday: 1250 Minus daily recovery: 120 Plus water today: 190 LLTR: 1290</p>

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Printed: 6/10/2010 10:22:18 AM

Operations Summary Report

Well Name: GHX 13HG-17-8-21
 Location: 17- 8-S 21-E 26
 Rig Name: BASIN WELL SEREVICE

Spud Date: 6/1/2003
 Rig Release: 6/12/2009
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/22/2010	06:00 - 16:00	10.00	BOP	1	Perfs: 4-1/2" slotted liner from shoe at 8532' to top at 4790' 7" 23# L-80 csg.int.
3/23/2010	06:00 - 16:00	10.00	HOT	1	<p>On 3/22/10 SITP and SICP=400#. RU hot oiler and pump 70 bbl.of hot snake oil down the tbg..Bucket test new pump--OK. RIH with pump and rods as below. Seat pump and pressure test pump and tbg.to 600# and held OK. Hang off well with clamp and RDMO Rocky Mtn. WS. Final report of well completion.</p> <p>Tbg.Detail: (3/19/10); Barred NC=0.44'; 12 jts.of tbg.=378.43'; SN=1.10'; 7" B-2 anchor catcher=2.33'; 150 jts.of tbg.=4732.22'; Tension=1.0' KB=14. Tbg tail at 5129.52; SN at 4750.65'; A/C at 4749.55'. All tbg.is used 2-7/8" EUE 84rd 8.5# J-55.</p> <p>Rod and pump detail: (3/22/10); Pump=2-1/2 x 1-3/4" x 20 x 21 x 22 RHAC (Weatherford #2575); 10-new 3/4" guided rods; 97.3/4; plain rods "D"; 81-7/8" plain "D" rods, 1-6' x 7/8" pony rod and 1-1/2" x26' polish rod.</p> <p>Load from yesterday: 1250 Minus daily recovery: 120 Plus water today: 190 LLTR: 1290</p> <p>Perfs: 4-1/2" slotted liner from shoe at 8532' to top at 4790' 7" 23# L-80 csg.int.</p> <p>Casing size: 4-1/2" 11.6# perf.liner 8532-4790' Depth: 8532'</p>

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JUN 14 2010

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

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

CA No.		Unit:		GYPSUM HILLS (GRRV)				
WELL NAME	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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY: Denver STATE: CO ZIP: 80265	PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		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) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

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JUN 28 2010
DIV. OF OIL, GAS & MINING

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

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
 GYPSUM HILLS (GRRV)
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GH 1-19	19	080S	210E	4304731065	5355	Federal	OW	P	
GH 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
GH 4-21	21	080S	210E	4304731826	5355	Federal	OW	P	
GH 5-21	21	080S	210E	4304731827	5355	Federal	OW	P	
GH 9	20	080S	210E	4304732304	5355	Federal	OW	DRL	C
GH 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GH 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GH 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GH 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GH 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GH 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GH 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GH 10W-19-8-21	19	080S	210E	4304733528	12736	Federal	GW	P	
GH 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
WV 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P	
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal	GW	P	
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal	GW	P	
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal	GW	P	
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal	GW	P	
WVX 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	
GHX 15W-17-8-21	17	080S	210E	4304734562	13674	Federal	GW	P	
GHX 13HG-17-8-21	17	080S	210E	4304734723	5355	Federal	OW	P	
GH 1G-17-8-21	17	080S	210E	4304734927	5355	Federal	OW	P	
WVX 2W-17-8-21	17	080S	210E	4304734928	14253	Federal	GW	P	
WVX 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	P	
GH 4MU-20-8-21	20	080S	210E	4304735068	14213	Federal	GW	P	
GH 13MU-20-8-21	20	080S	210E	4304735070	14817	Federal	GW	P	
GH 5W-20-8-21	20	080S	210E	4304735097	14557	Federal	GW	P	
WVX 3MU-17-8-21	17	080S	210E	4304735318	14113	Federal	GW	P	
GH 15ML-18-8-21	18	080S	210E	4304735323	15483	Federal	GW	P	
GH 1ML-19-8-21	19	080S	210E	4304735324	14824	Federal	GW	P	
WVX 14MU 17-8-21	17	080S	210E	4304735369	14098	Federal	GW	P	
WVX 12MU-17-8-21	17	080S	210E	4304735370	15108	Federal	GW	P	
WVX 8MU-19-8-21	19	080S	210E	4304735372	14241	Federal	GW	P	
GH 10ML-18-8-21	18	080S	210E	4304735391	15482	Federal	GW	P	
GH 8G-17-8-21	17	080S	210E	4304737992	5355	Federal	OW	P	
GH 16G-17-8-21	17	080S	210E	4304737993	5355	Federal	OW	P	
GH 8G-18-8-21	18	080S	210E	4304738661		Federal	GW	APD	C
GH 6-20-8-21	20	080S	210E	4304738662	17041	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
U68219

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT or CA AGREEMENT NAME
GYPSON HILLS

8. WELL NAME and NUMBER:
GHX 13HG 17-8-21

9. API NUMBER:
4304734723

10. FIELD AND POOL, OR WILDCAT
GYPSON HILLS

11. QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SWSW 17 8S 21E

12. COUNTY
UINTAH

13. STATE
UTAH

14. DATE SPUNNED: **4/9/2003** 15. DATE T.D. REACHED: **3/6/2010** 16. DATE COMPLETED: **3/23/2010**

ABANDONED READY TO PRODUCE

17. ELEVATIONS (OF, RKB, RT, GL):
14 KB

18. TOTAL DEPTH: MD **8,641** TVD **5,283**

19. PLUG BACK T.D.: MD **8,532** TVD **5,299**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
No current logs have been run on this horizontal lateral #2

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/L)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
6.125	4.5 p110	11.6	5,601	8,532					
6.125	4.5 n80	11.6	5,601	8,532					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	5,130							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Gm Rvr G-1 Lime	4,778	4,784			4,790 8,532	4.5		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5828' - 8525'	Pumped 35,000 gals of 15% HCL acid

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
producing

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(6/2000)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/22/2010	TEST DATE: 3/24/2010	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 267	GAS - MCF: 0	WATER - BBL: 174	PROD. METHOD: pumping
CHOKE SIZE:	TBG. PRESS. 250	CSG. PRESS. 40	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

#27: Perforated Liner alternating jts of blank & perforated f/ 5601-8532. *#4 Amended new south lateral on BHL.

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

NAME (PLEASE PRINT) Dahn Caldwell TITLE Office Administrator
 SIGNATURE *Dahn Caldwell* DATE 6/16/2010

This report must be submitted within 30 days of

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

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

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

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

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Carol Daniels - GHX 13HG 17-8-21 Amended WCR

From: Dahn Caldwell
To: Carol Daniels , Earlene Russell
Date: 6/16/2010 2:43 PM
Subject: GHX 13HG 17-8-21 Amended WCR
Attachments:

This is the GHX 13HG 17-8-21 Amended WCR. I amended Item # 4 - BHL Lateral.

Sorry about the confusion.



Dahn Caldwell
QEP Energy Company
(435)781-4342 - Office
(435)781-4329 - Fax

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

Roy L. Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

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AUG 16 2010

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