

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
Other instructions  
(Reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

**FILE COPY**

**RECEIVED**  
**MAR 27 1995**  
DIV OF OIL, GAS & MINING

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1. LEASE DESIGNATION AND SERIAL NO. U-0140740

2. INDIAN ALLOTTEE OR TRIBE NAME UINTA-OURAY

3. UNIT AGREEMENT NAME GYPSUM HILLS UNIT

4. FARM OR LEASE NAME, WELL NO. GHU #16

5. API WELL NO.

6. FIELD AND POOL, OR WILDCAT GYPSUM HILLS GREEN RIVER

7. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 20-T8S-R21E, SLBM

8. COUNTY OR PARISH UINTAH 9. STATE UT

10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 5.7 MILES FROM OURAY, UTAH

11. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 667'

12. NO. OF ACRES IN LEASE 800

13. NO. OF ACRES ASSIGNED TO THIS WELL NA

14. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1314'

15. PROPOSED DEPTH 7300' *W/L*

16. ROTARY OR CABLE TOOLS ROTARY

17. ELEVATIONS (Show whether DF, RT, GR, etc.) 4681' GL

18. APPROX. DATE WORK WILL START\* 6/1/95

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55/J-55	24#	560'	300 SX.
7-7/8"	5-1/2" N-80	17#	7300'	1009 SX.

We propose to test Wasatch Formation hydrocarbon potential at the location specified. If the Wasatch Fm. does not prove productive, the well will be completed as a Green River Formation oil producer as part of the Gypsum Hills Unit waterflood expansion as approved in our 1995 Plan of Development.

- Attachments:
- Certified Plat
  - Self-Certification Statement
  - Thirteen Point Surface Use Plan With Attachments
  - Eight Point Drilling Plan With Attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *J. C. Leube* TITLE TEAM LEADER DATE 3-8-95

PERMIT NO. 43-047-32675 APPROVAL DATE \_\_\_\_\_

Approval approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *R. Matthews* TITLE Petroleum Engineer DATE 3/27/95

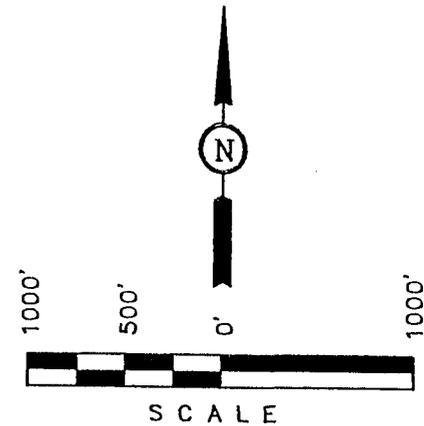
\*See Instructions On Reverse Side

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

Well location, GYPSUM HILLS UNIT #16, located as shown in the SE 1/4 SW 1/4 of Section 20, T8S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

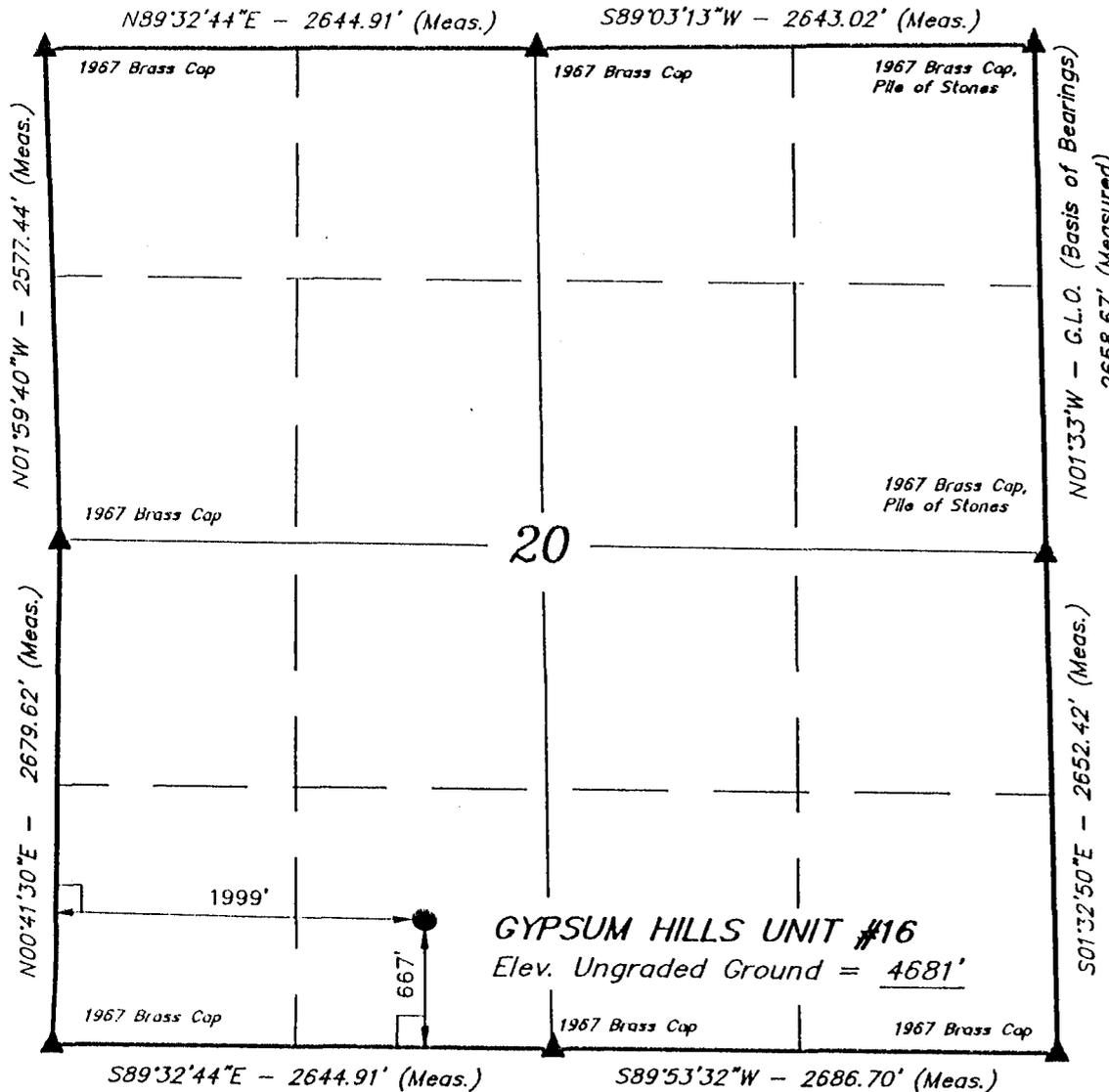
SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 20, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4754 FEET.



CERTIFICATE

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

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



LEGEND:

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-30-94	DATE DRAWN: 12-8-94
PARTY B.B. R.C. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE CHEVRON U.S.A., INC.	

United States Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 West  
Vernal, UT 84078

### SELF-CERTIFICATION STATEMENT

Be advised that Chevron USA Production Company is considered to be the operator of Gypsum Hills Unit #16, SESW-Sec.20-T8S-R21E, Uintah County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Nationwide Bond #U-89-75-81-34 (Standard Oil Co. of California and its wholly owned subsidiary Chevron USA Production Co., as co-principals) via surety consent as provided for in 43 CFR 3104.2.

Sincerely,



J. T. Conley  
Red Wash Area Team Leader

DATE: 3-8-95

CHEVRON USA PRODUCTION CO.

GYP SUM HILLS UNIT #16  
667' FSL & 1999' FWL  
SESW-S20-T8S-R21E, SLB&M  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE USE PLAN

1. EXISTING ROADS:

A. See Topographic Map A. There are no plans to change, alter or improve upon any existing state or county road.

B. See Topographic Map A. Travel south from Ouray 0.3 miles on State Hwy. 88. Turn left and travel 5.7 miles on the Wonsits Valley oil field road to the proposed access and location.

2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:

See Topographic Maps A and B. The access road and location site are on Ute Tribal lands. An access road approximately 200' in length is proposed.

3. LOCATION OF EXISTING WELLS WITHIN ONE MILE:

See Topographic Map B.

4. LOCATION OF EXISTING OR PROPOSED FACILITIES IF WELL IS PRODUCTIVE:

A. See Topographic Map C.

B. Rod pumping equipment, a line heater and cathodic protection system will be installed on the location.

C. The permitting process to construct a central gathering system for Gypsum Hills Unit is underway. A heat-traced surface pipeline is planned to connect the proposed well with the gathering system. If appropriate permits for the gathering system have not been obtained prior to completion of the well, production tankage will be installed on location until the gathering system is built.

## **GHU #16 - THIRTEEN POINT SURFACE USE PLAN**

D. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BIA.

### **5. LOCATION AND TYPE OF WATER SUPPLY:**

Water from the following sources will be used:

A. Wonsits Valley Federal Unit water supply wells, 1965 Application #36125.

B. Water well in Ouray operated by A-1 Tank and Brine, Permit #43-8496.

C. City water from Ouray provided by and via Ouray Brine's facility in Ouray. No permit.

Transportation of water shall be by tank truck.

### **6. CONSTRUCTION MATERIALS:**

Native dirt and gravel will be used as construction materials.

### **7. METHODS FOR HANDLING WASTE DISPOSAL:**

A. A closed mud system is planned, requiring a trench for the reserve tank.

B. Excess reserve pit fluid will be disposed of via haul-off to a commercial disposal facility.

C. Drill cuttings will be caught and settled in the reserve tank and buried when the trench is backfilled.

D. Commercial service will provide portable toilets and haul-off to a commercial disposal facility.

E. Trash will be stored in trash containers and hauled to commercial or municipal facility for disposal.

F. It is not anticipated that any salt or chemicals will need to be disposed of. If required, disposal will be by commercial disposal facility.

## GHU #16 - THIRTEEN POINT SURFACE USE PLAN

G. In the event fluids are produced, any oil will be transferred to existing facilities within Gypsum Hills Unit and sold. Any water will be transferred to WVFU Battery 6 to be injected through the waterflood system.

H. Hazardous chemicals 10,000lb. of which will most likely be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the hazardous chemicals in quantities of 10,000 lb. or more will be associated with these operations.

I. Extremely hazardous substances threshold quantities of which will be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

### 8. ANCILLARY FACILITIES:

None.

### 9. WELLSITE LAYOUT:

A. See Figures 1 and 2. A closed mud system is planned

B. Burn pit will not be lined.

C. Access to the well pad will be as shown on Topographic Map B.

### 10. PLAN FOR RESTORATION OF SURFACE:

A. All surface areas not required for production operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BIA.

## **GHU #16 - THIRTEEN POINT SURFACE USE PLAN**

C. Pits that would present a hazard to wildlife or livestock will be backfilled when the rig is released and removed.

D. Completion of the well is planned during 1995. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as soon as possible.

### **11. SURFACE OWNERSHIP:**

The wellsite, access roads and flowlines are constructed on Ute Tribal land. The operator shall contact the BLM office at (801) 789-1362 and the BIA office at (801) 722-2406 between 24 and 48 hours prior to construction activities.

### **12. OTHER INFORMATION:**

A. The well is located in hilly and sandy terrain. Vegetation consists of sagebrush and natural grasses around the location. The soil is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.

B. Surface use activities other than the oil and gas well facilities consist of grazing.

C. There are no occupied dwellings near the wellsite.

GHU #16 - THIRTEEN POINT SURFACE USE PLAN

13. COMPANY REPRESENTATIVE:

Mr. J. T. Conley  
11002 East 17500 South  
Vernal, UT 84078  
(801) 781-4301

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently 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 Chevron USA Production Co., Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3-8-95  
Date

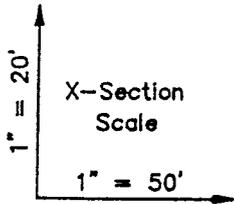
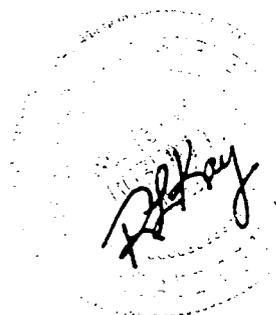
  
\_\_\_\_\_  
J. T. Conley  
Red Wash Area Team Leader



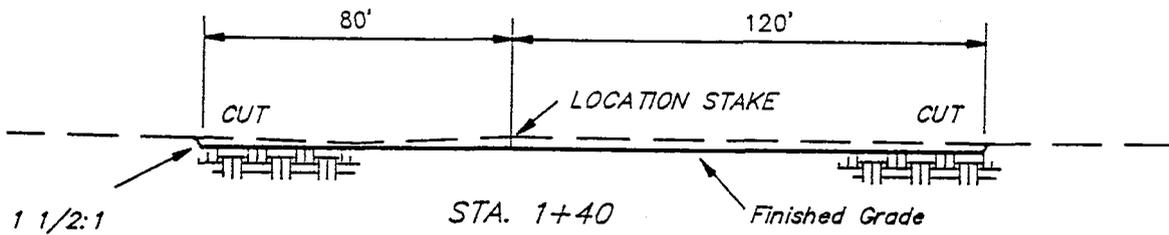
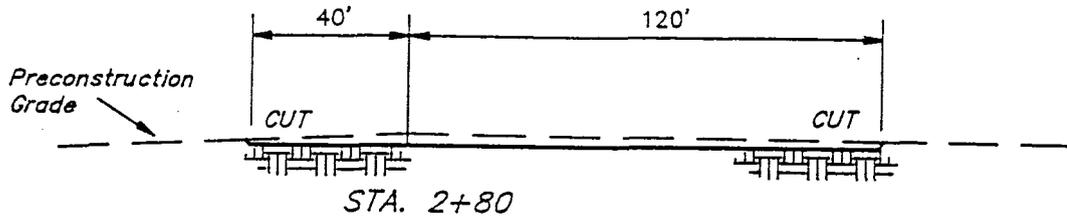
CHEVRON USA., INC.

TYPICAL CROSS SECTIONS FOR

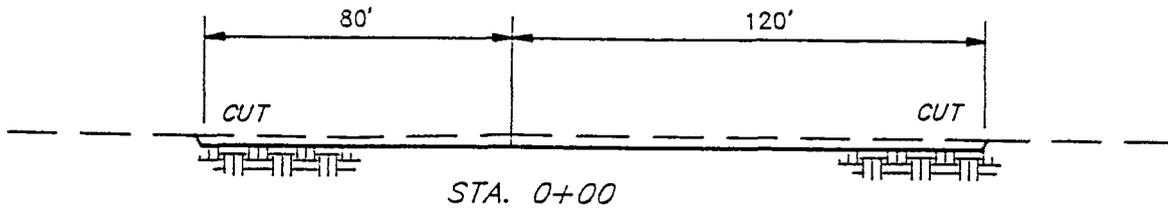
GYPNUM HILLS UNIT #16  
SECTION 20, T8S, R21E, S.L.B.&M.  
667' FSL 1999' FWL



DATE: 12-9-94  
Drawn By: C.B.T.



Slope = 1 1/2:1  
(Typ.)



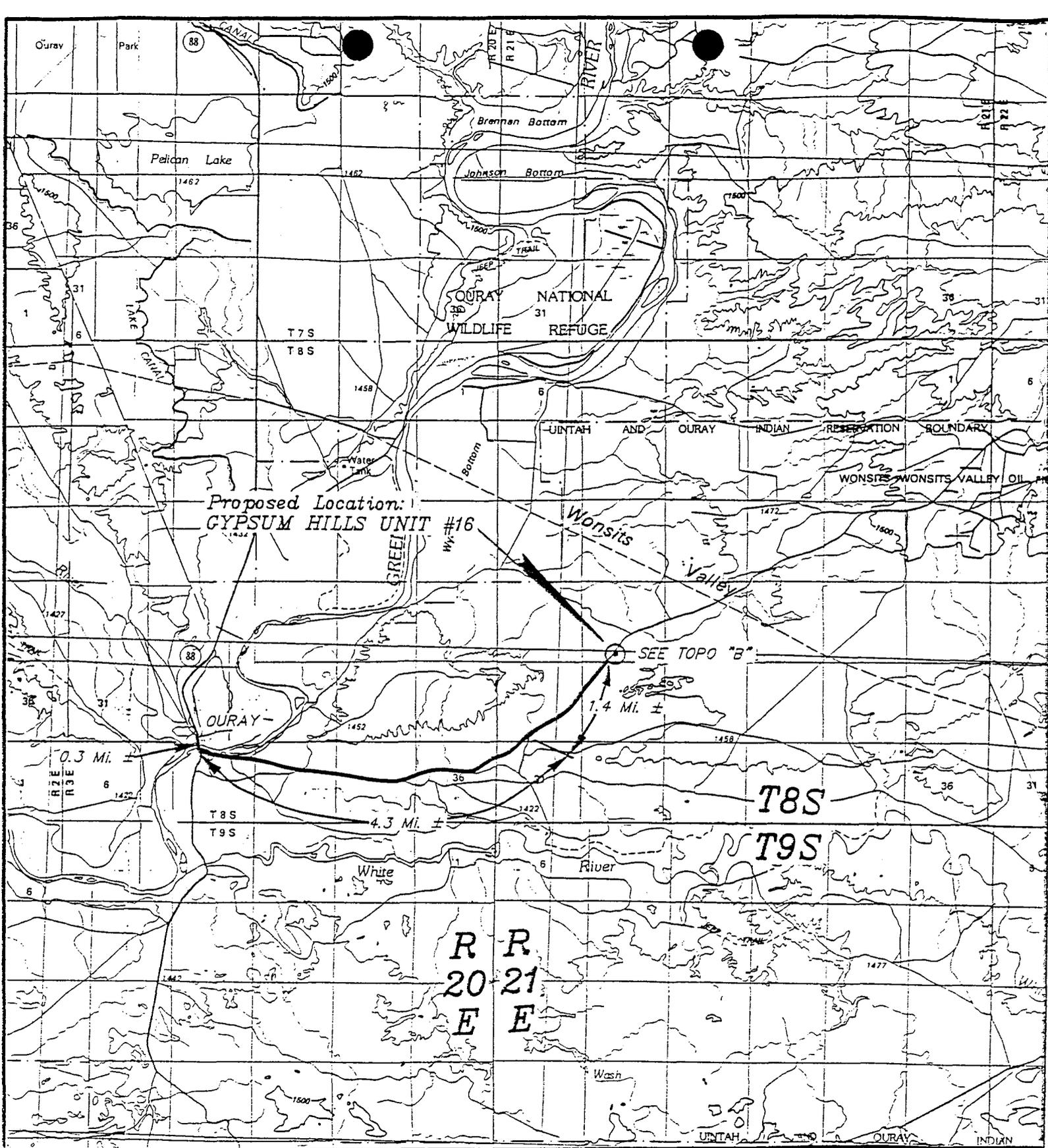
**FIGURE #2**

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 1,900 Cu. Yds.
Remaining Location	= 120 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 2,020 CU.YDS.</b>
<b>FILL</b>	<b>= 110 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,900 Cu. Yds.
Topsoil	= 1,900 Cu. Yds.
<b>EXCESS CUT MATERIAL</b>	<b>= 0 Cu. Yds.</b>

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



Proposed Location:  
GYPSUM HILLS UNIT #16

SEE TOPO "B"

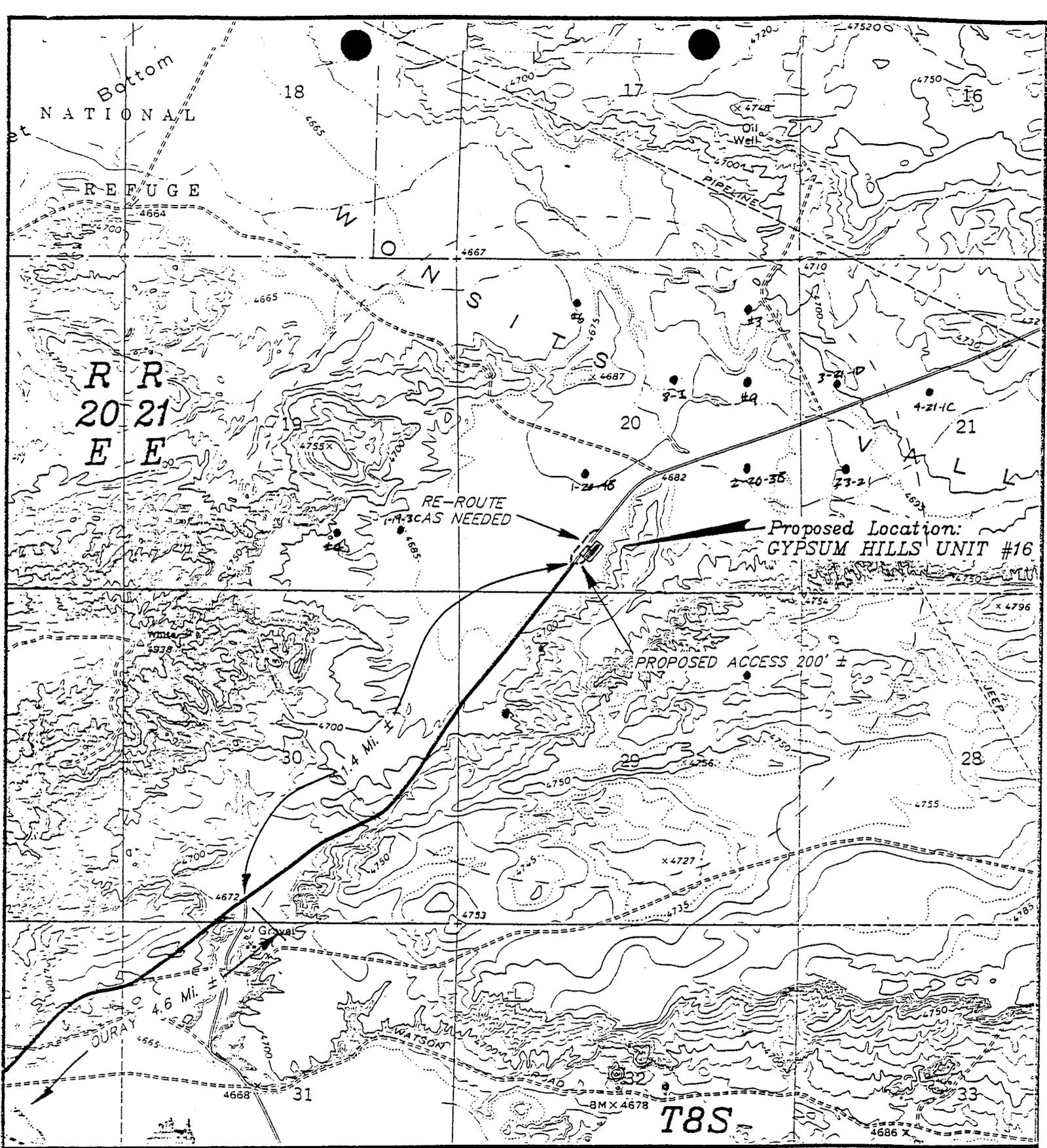
TOPOGRAPHIC  
MAP "A"

DATE: 12/2/94 D.COX



CHEVRON U.S.A., INC.

GYPSUM HILLS UNIT #16  
SECTION 20, T8S, R21E, S.L.B.&M  
667' FSL 1999' FWL



TOPOGRAPHIC  
MAP "B"

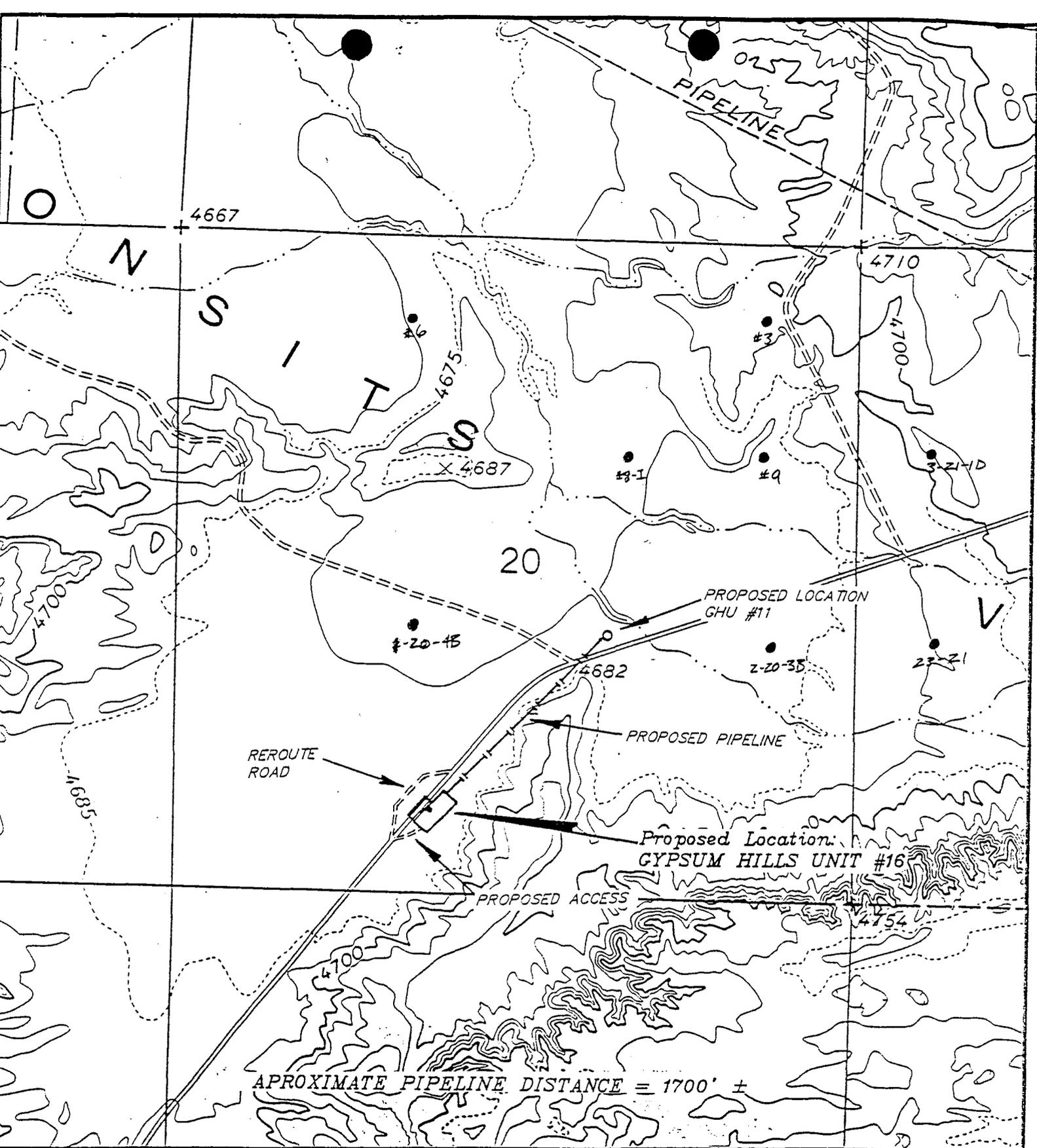
SCALE: 1" = 2000'

DATE: 12/2/94 D.COX



CHEVRON U.S.A., INC.

GYPSUM HILLS UNIT #16  
SECTION 20, T8S, R21E, S.L.B.&M  
667' FSL 1999' FWL



LEGEND:

- Existing Pipeline
- ==== Proposed Pipeline

SCALE: 1" = 1000'



CHEVRON U.S.A., INC.

GYPSUM HILLS UNIT #16  
SECTION 20, T8S, R21E, S.L.B.&M.

TOPO MAP "C"

DATE: 12-6-94 D.CGX

CHEVRON USA PRODUCTION CO.

GYP SUM HILLS UNIT #16  
667' FSL, 1999' FWL  
SESW-S20-T8S-R21E  
UINTAH COUNTY, UTAH

EIGHT POINT DRILLING PLAN

1. ESTIMATED FORMATION TOPS:

Uinta	Surface
Green River	~2135'
Oil Shale	~3298-3575'
G1 Lime	~5218-5229'
Wasatch	~5422' to 7300' TD

2. ESTIMATED DEPTHS OF TOP AND BOTTOM OF WATER, OIL, GAS, OR OTHER MINERAL BEARING FORMATIONS AND PLAN FOR PROTECTION:

**Deepest Fresh Water:** ~700', Uinta Formation.

**Oil Shale:** Oil shale is expected between depths of ~3298-3575'.

**Oil:** Oil is expected in the G1 Lime of the Green River Formation.

**Gas:** Minor shows may be encountered below ~2100'; expected in the Wasatch between 6200' and 7300' TD.

**Protection of oil, gas, water, or other mineral bearing formations:**  
Protection shall be accomplished by cementing surface casing and production casing back to the surface or to depths sufficient to isolate required formations. Please refer to casing and cement information for protection plans.

3. PRESSURE CONTROL EQUIPMENT:

For drilling 12-1/4" surface hole to 360': No BOP equipment required.

For drilling through 8.625" surface casing to TD:

## GHU #16 - EIGHT POINT DRILLING PLAN

Maximum anticipated surface pressure <1600 psi

Pressure control equipment shall be in accordance with BLM minimum standards for 2000 psi equipment.

A casing head with an 11", 3000 psi flange will be welded onto the 8.625" surface casing.

BOP stack will consist of a double gate and annular preventor. The double gate will be equipped with pipe rams on bottom and blind rams on top. The choke and kill lines will be connected to outlets between the bottom and top rams, utilizing either the ram body outlets or a drilling spool with side outlets. The BOP stack will be 9" or 11" bore, 2000 or 3000 psi working pressure. The choke and kill lines will be 2" or 3" bore, 2000 or 3000 psi working pressure. Please refer to attached schematics.

Test procedure and frequency shall be in accordance with BLM minimum standards for 2000 psi equipment.

### 4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:

#### Casing Information:

Casing	Conn.	New/ Used	Stage Tool	Centralizers
8.625"	STC	New	None	10' above shoe, on 1st and 3rd collars
5.5"	STC	New	None	10' above shoe, every ????? collar to top of pay

#### Cement Information:

**8.625" Casing:** Oilfield type cement circulated in. Class A single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 357 cf (300 sx). Tail plug used. Allowed to set under pressure.

## GHU #16 - EIGHT POINT DRILLING PLAN

5.5" Casing: Lead/tail oilfield type cement circulated in.

Tail slurry - 50/50 Class H/pozzolan + 2% gel + additives as required mixed to 14.1 ppg, yield = 1.23 cf/sx; or Class G + 12.5 lb/sx. gilsonite + additives as required mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to ~4600' (~500' above top of pay) with 755 cf (614 sx. or 563 sx.).

Lead slurry - Class A + extender + additives mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface using ~1510 cf (395 sx.).

Tail plug used. Allowed to set under pressure.

### **Drilling Equipment:**

Surface hole will be drilled and surface casing set with a small rotary surface hole rig.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

### **5. CIRCULATING MEDIUM, MUD TYPE, MINIMUM QUANTITIES OF WEIGHT MATERIAL, AND MONITORING EQUIPMENT:**

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 base of surface casing to TD.

## GHU #16 - EIGHT POINT DRILLING PLAN

### 6. ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING, AND CORING:

#### Logging:

Mud logging	~560' to TD
Gamma Ray	TD to ~560'
Spontaneous Potential	TD to ~560'
Induction	TD to ~560'
Density/Neutron	TD-3500'
Sonic	TD-560'

**Coring:** None planned.

**Testing:** None planned.

### 7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H<sub>2</sub>S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:

Normal pressure gradient to TD, although target interval may be slightly pressure depleted. Drill with water or unweighted mud.

Maximum expected BHP @ 7300': ~3160 psi (~0.433 psi/ft.).

Maximum expected BHT @ 7300': ~165° F.

No abnormal hazards are anticipated and no contingency plans are required.

### 8. OTHER:

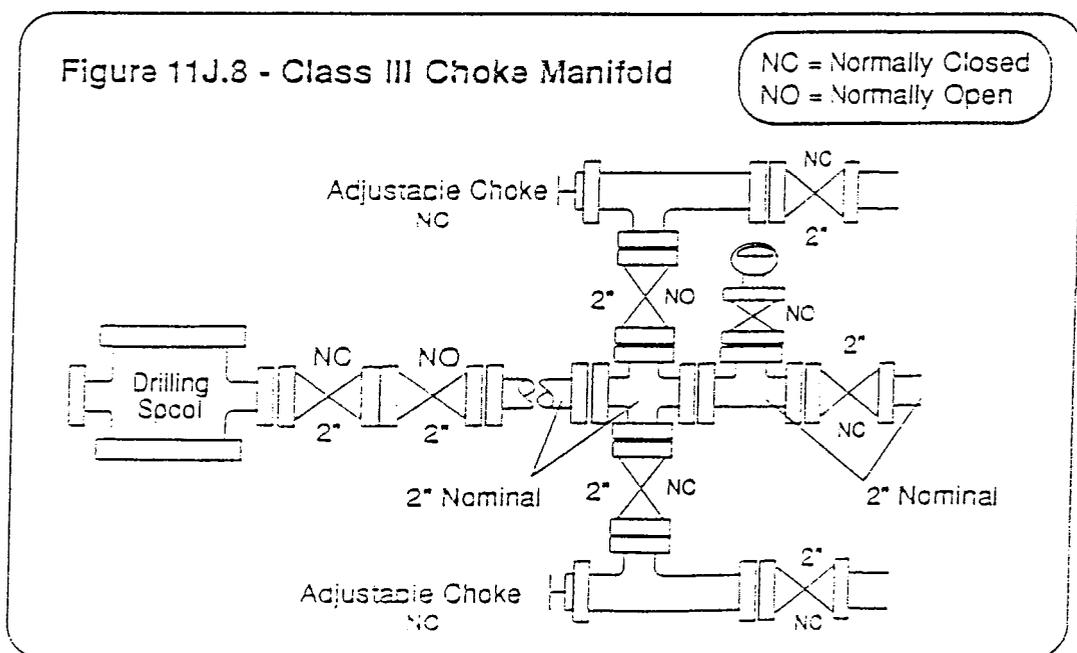
None.

CHEVRON DRILLING REFERENCE SERIES  
 VOLUME ELEVEN  
 WELL CONTROL AND BLOWOUT PREVENTION

D. CLASS III CHOKE MANIFOLD

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

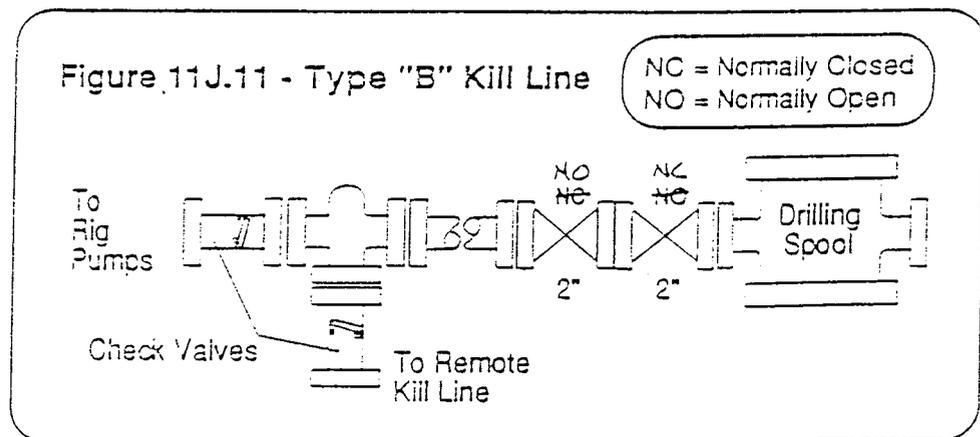
1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
5. Includes a bypass line which runs straight through the cross and is isolated by a steel gate valve.
6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
7. Returns through the choke manifold must be divertible through a mud-gas separator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.



D. TYPE "B" KILL LINE — CLASS III, IV, AND V WELLS

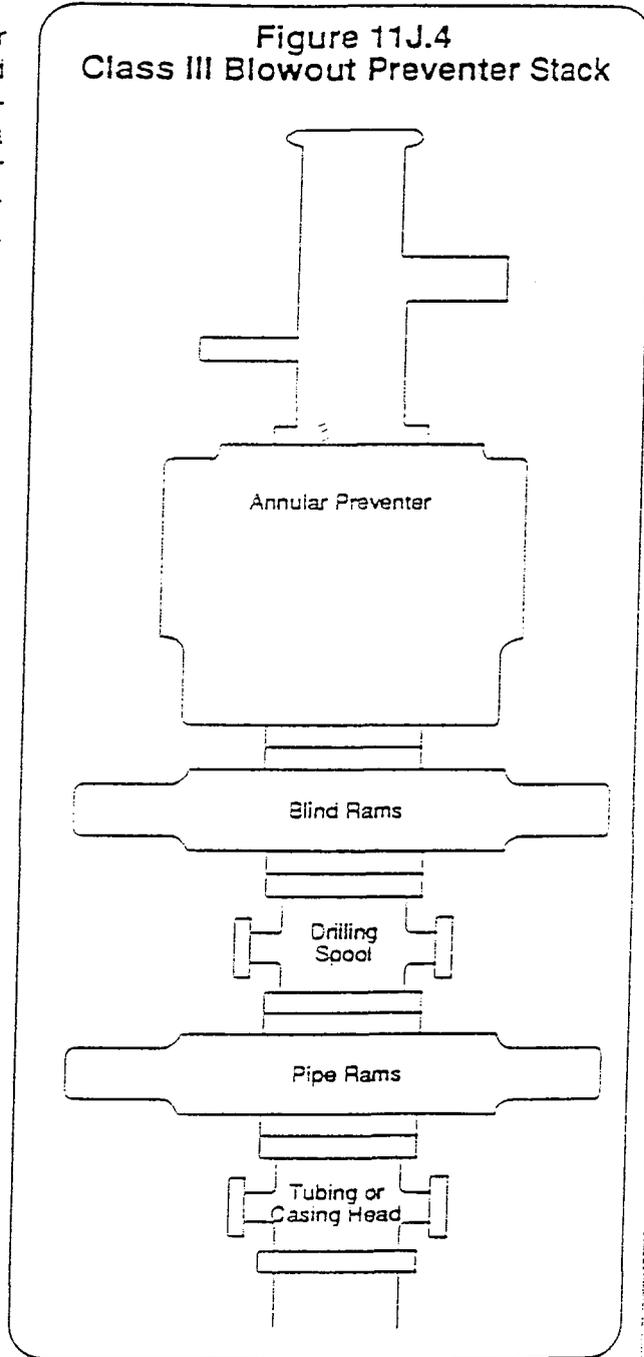
The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

1. The preferred kill line connection to the well is at the drilling spool, however, a preventer side outlet may be used when space restrictions exclude the use of a drilling spool. In all cases, the kill line must be installed below the uppermost blind rams so the well can be pumped into with no pipe in the hole.
2. The arrangement includes two - 2" (nominal) gate valves installed at the drilling spool and an upstream fluid cross. The outside valve may be hydraulically remote controlled.
3. Two pump-in lines should be attached to the fluid cross. The primary kill line should be routed to the rig standpipe where it can be manifolded to the rig pumps. The remote kill line should be run to a safe location away from the rig or to the rig cementing unit. The remote kill line should have a loose end connection for rigging-up a high pressure pumping unit.
4. Both the primary kill line and the remote kill line must include a 2" check valve which is in working condition while drilling. If a check valve is crippled for testing purposes, the flapper or ball must be re-installed and tested before drilling resumes.
5. The primary kill line must include a pressure gauge which can display the pump-in pressure on the rig floor.
6. Any lines which are installed at the wellhead are designated as "emergency kill lines" and should only be used if the primary and remote kill lines are inoperable.



E. CLASS III BLOWOUT PREVENTER STACK:

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. The Class III blowout preventer stack is shown to the right in Figure 11J.4.



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/27/95

API NO. ASSIGNED: 43-047-32675

WELL NAME: GHU #16  
OPERATOR: CHEVRON USA INC (N0210)

PROPOSED LOCATION:  
SESW 20 - T08S - R21E  
SURFACE: 0667-FSL-1999-FWL  
BOTTOM: 0667-FSL-1999-FWL  
UINTAH COUNTY  
GYPSUM HILLS FIELD (610)

LEASE TYPE: FED  
LEASE NUMBER: U - 0140740

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal [ State [] Fee []  
(Number 4-89-75-81-34)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Water permit  
(Number 43-8496)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

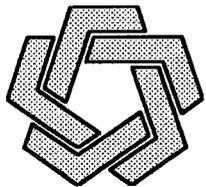
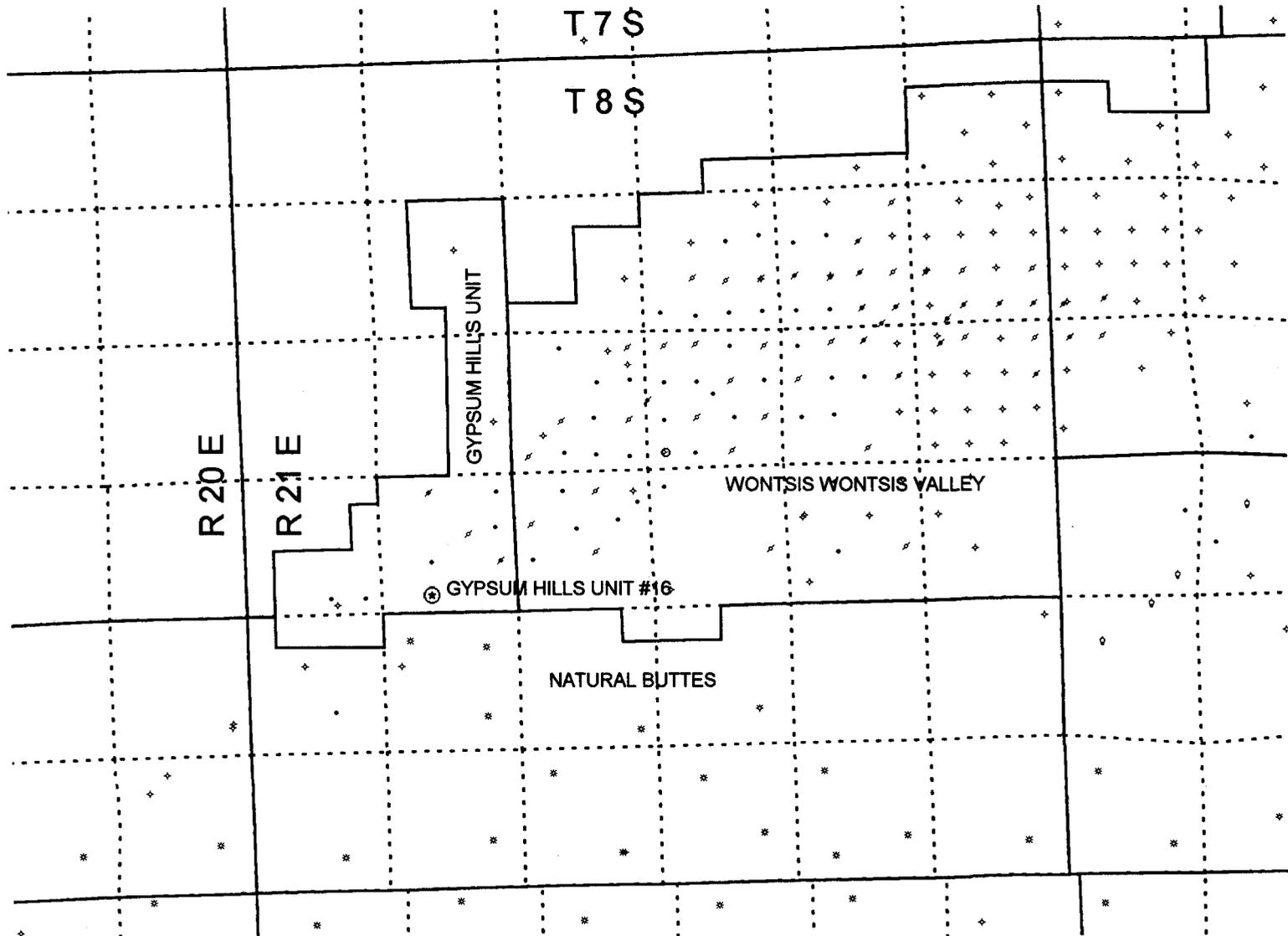
LOCATION AND SITING:

R649-2-3. Unit: UTU 67951A  
\_\_\_\_ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHEVRON GYPSUM HILLS UNIT  
GHU #16 GREEN RIVER TEST  
SEC. 20, T 8 S, R 21 E,  
UINTAH COUNTY , FEDERAL UNIT



DATE: 03/24/95



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

March 27, 1995

Chevron USA Production Company  
11002 East 17500 South  
Vernal, Utah 84078-8526

Re: GHU #16 Well, 667' FSL, 1999' FWL, SE SW, Sec. 20, T. 8 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Admin. R. 649-3-1 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 43-047-32675.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Eirth'.

R. J. Eirth  
Associate Director

ldc

Enclosures

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



Operator: Chevron USA Production Co.  
Well Name & Number: GHU #16  
API Number: 43-047-32675  
Lease: U-0140740  
Location: SE SW Sec. 20 T. 8 S. R. 21 E.

### 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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

DOGMA

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME GYPSUM HILLS UNIT	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS-WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. GHU #16	
2. NAME OF OPERATOR CHEVRON USA PRODUCTION CO.		9. API WELL NO. 43-047-32675	
3. ADDRESS AND TELEPHONE NO. 11002 E. 17500 S., VERNAL, UT 84078-8526 (801) 781-4300		10. FIELD AND POOL, OR WILDCAT GYPSUM HILLS GREEN RIVER	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 667' FSL, 1999' FWL, SESW At proposed prod. zone SAME		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 20-T8S-R21E, SLBM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5.7 MILES FROM OURAY, UTAH		12. COUNTY OR PARISH UINTAH	13. STATE UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 667'	16. NO. OF ACRES IN LEASE 800	17. NO. OF ACRES ASSIGNED TO THIS WELL NA	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1314'	19. PROPOSED DEPTH 7300'	20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4681' GL		22. APPROX. DATE WORK WILL START* 6/1/95	

RECEIVED  
MAR 13 1995

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55/J-55	24#	560'	300 SX.
7-7/8"	5-1/2" N-80	17#	7300'	1009 SX.

We propose to test Wasatch Formation hydrocarbon potential at the location specified. If the Wasatch Fm. does not prove productive, the well will be completed as a Green River Formation oil producer as part of the Gypsum Hills Unit waterflood expansion as approved in our 1995 Plan of Development. Attachments:

- Certified Plat
- Self-Certification Statement
- Thirteen Point Surface Use Plan With Attachments
- Eight Point Drilling Plan With Attachments

RECEIVED  
APR - 7 1995  
DIV OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE TEAM LEADER DATE 3-8-95

(This space for Federal or State office use)

PERMIT NO. **NOTICE OF APPROVAL** APPROVAL DATE **APPROVAL ATTACHED TO OPERATOR'S COPY**

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE MAR 27 1995

\*See Instructions On Reverse Side

4080-5m-135

memorandum

FEB 6 1995

FEB 16 1995

DATE:

REPLY TO: Superintendent, Uintah & Ouray Agency  
ATTN OF:

SUBJECT: Concurrence Letter for CHEVRON U.S.A. Inc.,  
Gypsum Hills Units-GHU#14, GHU#15, GHU#16, GHU#17, GHU#18,  
GHU#19, GHU#20, GHU#21 & GHU#22 Wellsite locations

TO: Bureau of Land Management, Vernal District Office  
Attention: Mr. Paul Andrews, Area Manager

The following wellsite locations have been cleared:

GHU#14 Well, BIA ROW # H62-95-97; NWSW Sec. 20, T8S., R21E., SLB&M  
GHU#15 Well, BIA ROW # H62-95-113; SWSW Sec. 20, T8S., R21E., SLB&M  
GHU#16 Well, BIA ROW # H62-95-100; SESW Sec. 20, T8S., R21E., SLB&M  
GHU#17 Well, BIA ROW # H62-95-101; SWSE Sec. 20, T8S., R21E., SLB&M  
GHU#18 Well, BIA ROW # H62-95-103; SESE Sec. 20, T8S., R21E., SLB&M  
GHU#19 Well, BIA ROW # H62-95-105; SWNW Sec. 20, T8S., R21E., SLB&M  
GHU#20 Well, BIA ROW # H62-95-107; SENW Sec. 20, T8S., R21E., SLB&M  
GHU#21 Well, BIA ROW # H62-95-109, SWSW Sec. 21, T8S., R21E., SLB&M  
GHU#22 Well, BIA ROW # H62-95-111, SWNW Sec. 22, T8S., R21E., SLB&M

Based on available information received on February 15, 1995, we have cleared the proposed location in the following area of environmental impact.

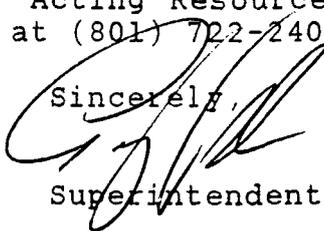
YES  NO  Listed threatened or endangered species  
YES  NO  Critical wildlife habitat  
YES  NO  Archeological or cultural resources  
YES  NO  Air quality aspects (to be used only  
if project is in or adjacent to a Class I area  
of attainment  
YES  NO  Other (if necessary)

REMARKS: Environmental Analysis-6. MITIGATION STIPULATIONS  
Strict conformance to Site Specific Environmental Analysis,  
attached hereto is required.

Upon completion of construction, please submit an Affidavit of Completion with accompanying Certification so that we may record all pertinent documents at the BIA Southwest Title Plant in Albuquerque, New Mexico.

If you have any question regarding said right-of-way, you may contact Mr. Charles Cameron, Acting Resources Officer or Norman Cambridge, Realty Specialist at (801) 722-2406 Ext. 52/49.

Sincerely,

  
Superintendent.

**PROJECT**  
Tracking & Progress Sheet

Proposed Project: *# Chevron Lysseum hills #16 oil well.*

Date Received by Land Operations: \_\_\_\_\_ Initialed by: \_\_\_\_\_

ACTION	DATE	COMMENTS
ARCH Report Completed	<i>1987-92</i>	
Pathology Report Completed	<i>NA</i>	
Other Assessments (If Needed)	<i>NA</i>	
Onsite Inspection Scheduled	<i>1-6-95</i>	
Onsite Inspection Completed	<i>1-11-95</i>	
Draft E.A. Completed	<i>1-25-95</i>	
E.A. Typed	<i>1-25-95</i>	
E.A. Delivered to Min. Mgmt.		
<i>SHIPD</i>	<i>1-18-95</i>	
<p>Comments</p>		

**SITE SPECIFIC  
ENVIRONMENTAL ANALYSIS**

**1.0 PROPOSED ACTION**

Chevron USA incorporated is proposing to drill an oil well, and construct 200 feet of access road reoute, and 1700 feet of surface steel pipeline.

**2.0 ALTERNATIVE ACTIONS**

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

**3.0 PERMITTEE/LOCATION**

- A. Permittee- Chevron USA Inc.
- B. Date- 1-25-95
- C. Well number- Gypsum Hills #16
- D. Right-of-way- Access road 200 feet, Pipeline 1700 feet.
- E. Site location SESW, Section 20, T8S, R21E, SLB&M.

**4.0 SITE SPECIFIC SURVEY**

A. SITE DESCRIPTION

- 1. Elevation (feet) 4681
- 2. Annual precipitation (inches)- 4 to 8
- 3. Topography - flat planes
- 4. Soil- The soil texture (0 to 6") clay.

B. VEGETATION

- 1. Habitat type is semi-desert shrub.
- 2. Percent Ground Cover- less than 10%
- 3. Vegetation- The main variety of grass are cheat grass. Forbs are sun flower, halogeton, and mustard. fourwing salt bush, and snake weed.
- 4. Observed Threatened & Endangered species: None.
- 5. Potential For Threatened & Endangered species: Slight
- 7. Observed Noxious Weeds: None

C. AFFECTED ENVIRONMENTAL

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

#### 4.1 WILDLIFE

##### A. POTENTIAL SITE UTILIZATION

1. Big Game- Antelope is the primary big game animal using this area.
2. Small Game- There is minimal use by cottontail rabbit.
3. Raptor/Bird- Raptors which are observed using the area are Golden eagles, Redtail hawk, & Kestrel.
5. Non-Game Wildlife- Animal species which have been observed using this area are coyote, fox, badger, and various species of reptiles, and song birds.
6. Threatened & Endangered Species: Bald eagles migrate into the area along the Green & White River during the winter months. They are not commonly observed in this area, but on occasion they may fly over the area.

#### 4.2 PRESENT SITE USE

##### A. USAGE

	<u>acres</u>
Rangeland	2.72
Irrigable land	0
Woodland	0
Non-Irrigable land	0
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

#### 4.3 CULTURAL RESOURCES

##### A. CULTURAL SURVEY

The well site, and access road and pipeline rights-of-ways, had a cultural resource survey performed by John Senulis of Senco-Phenix.

#### 5.0 ENVIRONMENTAL IMPACTS

##### A. SURFACE ALTERATIONS

	<u>acres</u>
1. Access road	0.74
2. Well site	1.41
3. Pipeline right-of-way	1.41

4. Total disturbed

2.72

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year: 0.14
2. Permanent scar on landscape: Yes X No
3. Potential impacts to Threatened & Endangered species: Yes No X

C. SOIL/RANGE/WATERSHED

There will be an increase in wind and water erosion as a result of removing vegetation and exposing the soil from construction of the wellsite and access road. This will increase water runoff and the soil will remain exposed causing erosion to continue for the life of the well, and until the site is rehabilitated.

The well will have a closed drilling and production system. Produced water will be stored in closed tanks until it is either injected into injection wells, or hauled to approved disposal pits. Produced water will only occur when there are accidental spills. Therefore, the impact to the soil resources, or ground water aquifers will be minimal.

The area is presently used as rangeland and permits have been issued by BIA for grazing livestock. This project will reduce livestock grazing by approximately 0.14 AUM/year.

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

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be a reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area. There are no known impacts to Threatened or Endangered species or critical wildlife habitat.

**6.0 MITIGATION STIPULATIONS**

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the well pad, and access road to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.

Although the road rights-of-way will be 30 feet

wide, the graded area of the road will be limited in most places to 21 feet between the two outer edges of the barrow pits. Where deep cuts are required for road construction, or where intersections or sharp curves occur the road may be constructed wider than 21 feet so that large pieces of equipment will have enough room to make turns.

2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeding all disturbed areas.
3. Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to have closed drilling and productions systems.

Reason(s): This stipulation is recommended, but would not be required, except the company agreed to this practice.

- c. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

C. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

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

D. CULTURAL RESOURCES

All well sites, access roads, and pipeline rights-of-way have had cultural resource surveys completed by a qualified archaeologist or, paleontologist. They have also been cleared through the Phoenix Area Archeologist as required by Sec. 106 of the Historical and Preservation Act.

All vehicular traffic, personnel movement, const

ruction and restoration operations will be confined to the flagged area examined as referenced in the cultural resource report, and to the existing rights-of-ways.

All personnel shall refrain from collecting artifacts and from disturbing any cultural resources in the area.

The Ute Indian Tribal department of Energy and Minerals shall be consulted if cultural remains from subsurface deposits are exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

An archeologist will be present during the construction of this site to monitore for cultural resources.

## 7.0 UNAVOIDABLE ADVERSE IMPACTS

### A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above and those specified in BLM's 13 point surface use plan.

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

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of the well sites and access roads. After the land is rehabilitated, it is not expected to return to its original productive capability. Normally, there will be a permanent scar left on the landscape.

### C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

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

## 8.0 CUMULATIVE IMPACTS

### A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and

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

#### 9.0 NEPA COMPLIANCE

##### A. RESEARCH/DOCUMENTATION

Based on available information, 1-25-95, the proposed location in the following areas of environmental impacts has been cleared:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Listed Threatened & Endangered species
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Critical wildlife habitat
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Historical and cultural resources

#### 10.0 REMARKS

##### A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

#### 11.0 RECOMMENDATIONS

##### A. APPROVAL/DISAPPROVAL

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

1-27-95  
Date

  
Representative - BIA Land Operations, Uintah and Ouray Agency

#### 12.0 REVIEWING OFFICIAL

##### A. CONCURRENCE

We concur with the approval  disapproval  of

the proposed action as outlined in item 1.0 above.

2/2/95

Date

Allen D. Lough

Environmental Coordinator,  
Uintah and Ouray Agency

### 13.0 DECLARATION

#### A. APPROVAL

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

2-2-95

Date

[Signature]

Superintendent,  
Uintah and Ouray Agency

### 14.0 CONSULTATION

#### A. REPRESENTATIVES/ORGANIZATION

Brent Sexton-Chevron  
Greg Darlington-BLM  
Alvin Innacio-UTEM  
Dale Hanberg- BIA

B:\EACHEV.16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Chevron USA Production Co.

Well Name & Number: Gypsum Hills #16

API Number: 43-047-32675

Lease Number: U-0140740

Location: SESW Sec. 20 T. 8S R. 21E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

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.

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 Orders, 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.

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. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

If conductor pipe is set then it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

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 usable water zone identified at  $\pm$  1496 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run at a minimum from the production casing shoe to  $\pm$  1296' and shall be utilized to determine the top of cement (TOC) and bond quality for production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
Conditions of Approval (COAs)

Additional Conditions of Approval

All permanent (on site for six (6) months or longer) structures constructed or installed will be painted a flat, non-reflective earthtone color to match one of the standard environmental colors as determined by the Rocky Mountain Five State Interagency Committee.

It is anticipated that any tank batteries associated with this site will be located elsewhere in the Gypsum Hills Unit. Plans call for a 1700 ft. surface flowline to tie in with the gathering system and transport production to tank batteries located elsewhere on the lease.

**PROPOSED ACTION**

Chevron USA Incorporated is proposing to drill an oil well, and construct 200 feet of access road reroute, and 1700 feet of surface steel pipeline.

**VEGETATION/LANDSCAPE**

Before the site is abandoned, the company will be required to restore the well pad, and access road to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.

Although the road rights-of-way will be 30 feet wide, the graded area of the road will be limited in most places to 21 feet between the two outer edges of the barrow pits. Where deep cuts are required for road construction, or where intersections or sharp curves occur the road may be constructed wider than 21 feet so that large pieces of equipment will have enough room to make turns.

Noxious weeds will be controlled on well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.

**SOILS/RANGE/WATERSHEDS**

The well will have a closed drilling and production system. Produced water will be stored in closed tanks until it is either injected into injection wells, or hauled to approved disposal PITS. Produced water discharge will only occur when there are accidental spills. Therefore, the impact to the soil resources, or ground water aquifers will be minimal.

Soil erosion will be mitigated by reseeded all disturbed areas.

Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to use a closed drilling and production systems.

Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

### CULTURAL RESOURCES

All well sites, access roads, and pipeline rights-of-way have had cultural resource surveys completed by a qualified archaeologist or paleontologist. They have also been cleared through the Phoenix Area Archaeologist as required by Sec. 106 of the Historical and Preservation Act.

All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors, and to the existing roadways and access roads.

All personnel shall refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

The Ute Indian Tribal Department of Energy & Minerals shall be consulted if cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

An archaeologist will be present during the construction of this site to monitor for cultural resources.

### CUMULATIVE IMPACTS

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

OPERATOR: **Chevron USA Production Company**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078-8526** (801)781-4300

ENTITY ACTION FORM - FORM 6

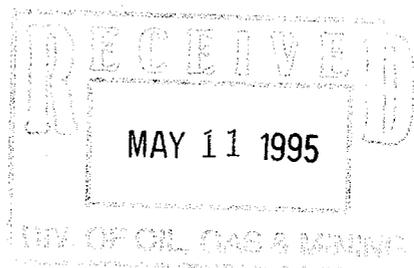
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	05355	43-047-32675	Gypsum Hills Unit #16	SESW	20	8S	21E	Unitah	5/1/95	
WELL 1 COMMENTS: <i>Entity added 5-11-95. (Gypsum Hills (GPEU) Unit) Lee</i>											
WELL 2 COMMENTS:											
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)

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

*St. Bentley*  
Signature  
**Asset Team Leader**  
Title  
Date 5-5-95  
Phone No. (801) 781-4300



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

MAY 15 1995

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 Well  Gas Well  Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION CO.

3. Address and Telephone No.

P. O. BOX 4876  
 HOUSTON, TX 77210  
 ATTN: MARY COHLMIA  
 (713) 754-5068

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

667' FSL, 1999' FWL  
 SE SW Sec. 20-T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-0140740

6. If Indian, Allottee or Tribe Name

Uinta-Ouray

7. If Unit or CA, Agreement Designation

Gypsum Hills Unit

8. Well Name and No.

Gypsum Hills #16

9. API Well No.

43-047-32675

10. Field and Pool, or Exploratory Area

Gypsum Hills/Green River

11. County or Parish, State

Uintah Co., 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 type="checkbox"/> Change of Plans	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-off	
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	
	<input checked="" type="checkbox"/> Other <u>Spud</u>	<input type="checkbox"/> Dispose Water	

(Note: Report results of multiple completions 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.)\*

THE PURPOSE OF THIS SUNDRY IS TO REPORT THE SPUD OF THE ABOVE WELL ON MAY 4, 1995.

3-BLM VERNAL, 2-UTOGC, DRLG, RANGELY

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

Signed: Mary Cohlma

Title: DRILLING TECHNICAL ASSISTANT

Date: 5/10/95

( 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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHEVRON USA

Well Name: GYPSUM HILLS # 16

Api No. 43-047-32675

Section 20 Township 8S Range 21E County UINTAH

Drilling Contractor APOLLO

Rig # 57

SPUDDED: Date 6/6/95

Time \_\_\_\_\_

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by D. HACKFORD-DOGM

Telephone # \_\_\_\_\_

Date: 6/8/95 Signed: JLT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526** **Steve McPherson in Red Wash (801) 781-4310**  
**or Gary Scott in Rangely, CO. (970) 675-3791**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**667' FSL & 1999' FWL, SECTION 20, T8S, R21E, SLBM**

5. Lease Designation and Serial No.  
**U-0140740**

6. If Indian, Allottee or Tribe Name  
**UINTAH-OURAY**

7. If Unit or CA, Agreement Designation  
**GYPSUM HILLS**

8. Well Name and No.  
**GYPSUM HILLS UNIT 16**

9. API Well No.  
**43-047-32675**

10. Field and Pool, or Exploratory Area  
**GYPSUM HILLS-GRN RIVER**

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

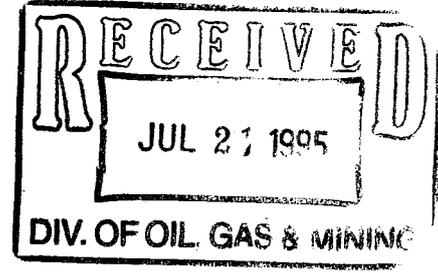
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <b>FIRST PRODUCTION</b>
	<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)

The above well commenced production effective 7/15/95.



14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *Gary D. Scott* Title DRILLING TECHNICIAN Date July 18, 1995

(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.

OPERATOR: **Chevron USA Production Company**  
ADDRESS: **11002 East 17500 South**  
**Vernal, Utah 84078-8526 (801)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
D	5355	11797	43-047-32675	Gypsum Hills Unit #16	SESW	20	8S	21E	Uintah	5/1/95	7/15/95

WELL 1 COMMENTS: The Gypsum Hills Unit #16 well has been completed in the Wasatch formation and is a producing gas well. The Gypsum Hills Unit was formed only for lower Green River oil production, hence this Wasatch gas producer is not part of the existing unitized formation. This well is producing on a lease basis from the Wasatch formation. The well likely will be recompleted to the Green River formation for oil production at some time in the future.

WELL 2 COMMENTS: *Entity chgd 7-22-95. Lee*

WELL 3 COMMENTS:

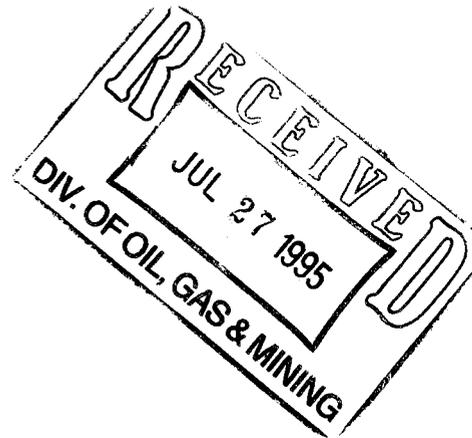
WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

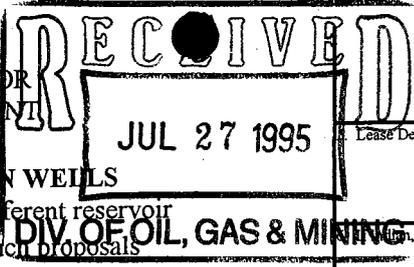
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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



*W. Conley*  
Signature  
**Asset Team Leader**  
Title  
Date 7-24-95  
Phone No. (801) 781-4300

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Lease Designation and Serial No.  
U-0140740

Owner, Allottee or Tribe Name  
UINTAH-OURAY

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

8. Well Name and No.  
GYPSUM HILLS 16

9. API Well No.  
43-047-32675

10. Field and Pool, or Exploratory Area  
GYPSUM HILLS-WASATCH

11. County or Parish, State  
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526  
Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
667' FSL & 1999' FWL, SECTION 20, T8S, R21E, SLBM

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

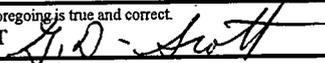
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>FIRST PRODUCTION</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)

The above well commenced production effective 7/15/95.

**NOTE: THIS IS A CORRECTION TO THE PREVIOUS SUNDRY WHICH LISTED THE WELL AS PART OF THE UNIT.**  
 Type of Well changed from Oil Well to Gas Well  
 Well Name changed from Gypsum Hills Unit to Gypsum Hills  
 Field, Pool changed from Gypsum Hills-Green River to Gypsum Hills-Wasatch  
 Agreement Designation (Box 7) changed from Gypsum Hills to N/A

14. I hereby certify that the foregoing is true and correct.  
 Signed G.D. SCOTT  Title DRILLING TECHNICIAN Date July 25, 1995

(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
SUBMIT IN DUPLICATE  
(See other instructions on reverse side.)  
**JUL 31 1995**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***  
**DIV. OF OIL, GAS & MINING**

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  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR      **Steve McPherson in Red Wash (801) 781-4310**  
**11002 E. 17500 S. VERNAL, UT 84078-8526**      or **Gary Scott in Rangely, CO. (970) 675-3791**

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

At surface      **667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, SLBM**

At top rod. interval reported below

At total depth

14. PERMIT NO. <b>43-047-32675</b>	DATE ISSUED <b>3/27/95</b>	12. COUNTY OR PARISH <b>UINTAH</b>	13. STATE <b>UTAH</b>
---------------------------------------	-------------------------------	---------------------------------------	--------------------------

15. DATE SPUDDED <b>5/1/95</b>	16. DATE T.D. REACHED <b>6/18/95</b>	17. DATE COMPL. (Ready to prod.) <b>6/30/95</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>4697 KB</b>	19. ELEV. CASINGHEAD <b>4681</b>
-----------------------------------	-----------------------------------------	----------------------------------------------------	-----------------------------------------------------------	-------------------------------------

20. TOTAL DEPTH, MD & TVD <b>7265</b>	21. PLUG BACK T.D., MD & TVD <b>7190</b>	22. IF MULTIPLE COMPL., HOW MANY* <b>N/A</b>	23. INTERVALS DRILLED BY <b>————&gt;</b>	ROTARY TOOLS <b>X</b>	CABLE TOOLS
------------------------------------------	---------------------------------------------	-------------------------------------------------	---------------------------------------------	--------------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**6949 - 6974      WASATCH**

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DIL, GR, DENSITY NEUTRON, X-Y CALIPER, FORMATION MULTITESTER, CBL, CCL      6-27-95**

27. WAS WELL CORED  
**NO**

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

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8</b>	<b>24#</b>	<b>602'</b>	<b>12 1/4</b>	<b>LEAD: 380 SXS HIFILL STD H</b>	<b>N/A</b>
<b>5 1/2</b>	<b>17#</b>	<b>7249'</b>	<b>7 7/8</b>	<b>TAIL: 600 SXS 'H'</b>	<b>N/A</b>

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>N/A</b>							

31. PERFORATION RECORD (Interval, size and number) <b>4 SPF 6949-6968</b> <b>4 SPF 6970-6974</b>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD)      AMOUNT AND KIND OF MATERIAL USED <b>6949-6974      134,000# 20/40 Sand, 34,700 Gal Frac Fluid</b>
--------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

33. PRODUCTION

DATE FIRST PRODUCTION <b>7/15/95</b>	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in) <b>PRODUCING</b>
-----------------------------------------	----------------------------------------------------------------------	--------------------------------------------------------

DATE OF TEST <b>7/16/95</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>1/2"</b>	PROD'N FOR TEST PERIOD <b>————&gt;</b>	OIL—BBL. <b>3</b>	GAS—MCF. <b>928</b>	WATER—BBL. <b>15</b>	GAS-OIL RATIO <b>309MCF/BBL</b>
FLOW. TUBING PRESS. <b>850</b>	CASING PRESSURE	CALCULATED 24-HOUR RATE <b>————&gt;</b>	OIL—BBL. <b>SAME</b>	GAS—MCF <b>SAME</b>	WATER—BBL <b>SAME</b>	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY  
**GLEN BEAMAN**

35. LIST OF ATTACHMENTS

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

SIGNED *Gary D. Scott*      TITLE **DRILLING TECHNICIAN**      DATE **7/27/95**

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
UINTA GREEN RIVER	SURFACE 2093	2093 6065	NO CORES NO DSTs	GREEN RIVER Mahogany Shale G1 Lime G1 Sand	2093 3447 5215 5227	
WASATCH	6065	7265 T.D.				

EQUIPMENT INVENTORY  
UTAH DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH

Operator: CHEVRON USA INC. Lease: State:      Federal: X Indian:      Fee:     

Well Name: GYPSUM HILLS #16 API Number: 43-047-32675

Section: 20 Township: 8S Range: 21E County: UINTAH Field: GYPSUM HILLS

Well Status: POW Well Type: Oil: X Gas:     

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):      Compressor(s):      Separator(s):      Dehydrator(s):     

Shed(s):      Line Heater(s): 2 Heated Separator(s):      VRU:     

Heater Treater(s):     

**PUMPS:**

Triplex:      Chemical: 1 Centrifugal:     

**LIFT METHOD:**

Pumpjack:      Hydraulic:      Submersible:      Flowing: X

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: 0 Sales Meter: 1

**TANKS:**

NUMBER

SIZE

Oil Storage Tank(s):           BBLs

Water Tank(s): 1 175 BBLs

Power Water Tank:           BBLs

Condensate Tank(s):           BBLs

Propane Tank:     

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:      Section:      Township:      Range:     

REMARKS: BARTON RECORDER AND COMPUTERIZED TELEMETRY SYSTEM METERING GAS. NO PIT. 300 PSI ON TUBING, 600 PSI ON CASING. WELL PERMITTED AS POW BUT NO EVIDENCE OF OIL PRODUCTION.

Inspector: DAVID W. HACKFORD Date: 10/18/95

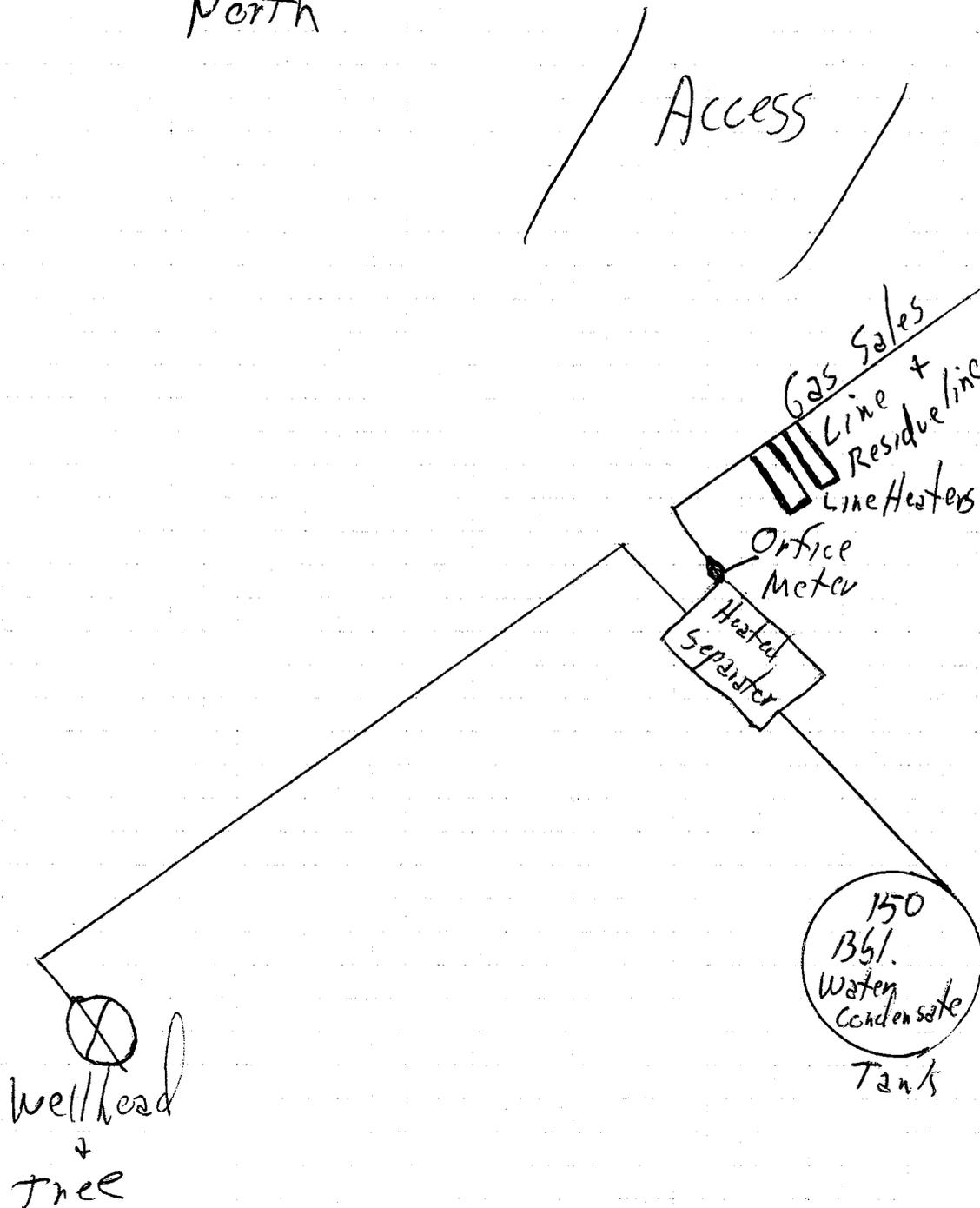
CHEU RONOUS A

43-047-32675

Gypsum Hills #16

↑  
North

Access



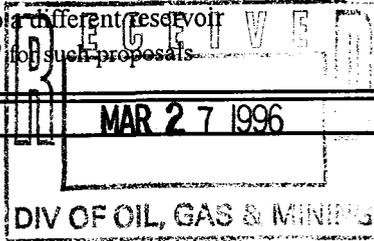


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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



SUBMIT IN TRIPLICATE

1. Type of Well  
Oil  Well Gas  Well  Other

2. Name of Operator  
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526  
Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, SLBM

5. Lease Designation and Serial No.  
U-0140740

6. If Indian, Allottee or Tribe Name  
UINTAH-OURAY

7. If Unit or CA, Agreement Designation  
GYPSUM HILLS

8. Well Name and No.  
GYPSUM HILLS 16

9. API Well No.  
43-047-32675

10. Field and Pool, or Exploratory Area  
Gypsum Hills - Green River

11. County or Parish, State  
UINTAH, UTAH

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 checked="" 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>PERFORATE OTHER INTERVALS</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)

**WE PROPOSE COMPLETING OTHER INTERVALS IN THE WASATCH FORMATION THAT WERE NOT DONE ON ORIGINAL COMPLETION:**

- MIRU. KILL WELL. ND WH AND NU BOPE.
- TOH WITH TUBING.
- SET COMPOSITE BRIDGE PLUG AT ~ 6925' AND CAP WITH CEMENT. PRESSURE TEST CASING AND BRIDGE PLUG TO 4000 PSI.
- PERFORATE THE WASATCH FORMATION AT 6803-06', 6744-50', 6734-40', 6720-32', AND 6642-49' VIA HSC USING 4 JSPF, 90 DEGREE PHASING, MAXIMUM AVAILABLE CHARGE. DEPTHS ARE FROM WESTERN-ATLAS GR-NEUTRON-DENSITY LOG DATED 6/19/95. TIH WITH TOOLS, ISOLATE AND BREAKDOWN PERFORATIONS, USING ACID IF NECESSARY.
- RU AND FRACTURE WELL DOWN CASING PER THE SCHEDULE BELOW. BASE FLUID IS 2% KCI, WITH LOW RESIDUE GUAR CONCENTRATION AS SPECIFIED BELOW. INCLUDE 1 GAL/M NON-EMULSIFIER; BORATE CROSSLINKER AND RELATED BUFFER SUFFICIENT TO CROSSLINK INSTANTLY; AND 4#/M OXIDIZING GEL BREAKER. NOTE - BHT IS 156 DEGREE F.

STAGE	VOL. GAL.	CUM VOL. GAL.	SAND LB.	CUM. SAND LB.
PAD	10,000	10,000	0	0
30#/M				
1-8 PPG	4,000	14,000	17,390	17,390
30#/M				
8 PPG	26,000	40,000	208,000	225,390
FLUSH (TO ~ 6550') ~ 6380		46,380	0	225,390
10#/M				

DESIRED TREATING RATE: 25 BPM EXPECTED MAX. SURFACE PRESSURE: ~3200 PSI EXPECTED MAX. HHP: ~2000 HHP

- PU BIT AND SHEAR OFF BIT SUB, TIH AND CLEAN/DRILL OUT TO ORIGINAL PBTD. SHEAR OFF BIT. SWAB/FLOW AND EVALUATE. RDMO.

14. I hereby certify that the foregoing is true and correct.  
Signed G.D. Scott Title Drilling Technician Date March 22, 1996

(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

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
AUG 19 1996  
DIV. OF OIL, GAS & MINING

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

Lease Designation and Serial No.  
**U-0140740**

If Indian, Allottee or Tribe Name  
**UINTAH-OURAY**

If Unit or CA, Agreement Designation  
**GYPSUM HILLS**

Well Name and No.  
**GYPSUM HILLS 16**

API Well No.  
**43-047-32675**

Field and Pool, or Exploratory Area  
**Gypsum Hills - Green River**

County or Parish, State  
**UINTAH, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Well Gas  Well  Well  Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526**  
**Steve McPherson in Red Wash (801) 781-4310**  
**or Gary Scott in Rangely, CO. (970) 675-3791**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, SLBM**

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

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

**WE PROPOSE TO RECOMPLETE FROM A FLOWING WASATCH GAS PRODUCER TO PUMPING GREEN RIVER PRODUCER AS FOLLOWS:**

- MIRU. KILL WELL. ND WH AND NU BOPE. TOH AND L/D 2 3/8" TUBING.
- WASATCH TOP @ 6065'. RU WIRELINE AND MAKE GAUGE RING RUN TO ~ 6200'. SET CIBP @ 6115' AND CAP WITH 100' CLASS H CEMENT.
- PERFORATE G1 LIME 5242-44' AND 5215-5226' USING 4 JSPF, 90 DEGREE PHASING VIA HSC. RD WIRELINE. DEPTHS FROM WESTERN ATLAS GR-NEUTRON-DENSITY DATED 6/19/95.
- TIH WITH RETRIEVABLE PACKER AND 2 7/8" TUBING, HYDROTESTING TO ~ 5500 PSI. SET PACKER AT ~ 5150', ESTABLISH INJECTION RATE INTO G1 LIME PERFORATIONS AND STIMULATE WITH A CLOSED FRACTURE ACIDIZING TREATMENT AS FOLLOWS:  
 HCI ACID - 28% HCI CONTAINING 2 GAL./M SSO-21 AND 2 GAL./M HAI-85M  
 GELLED ACID - 28% HCI CONTAINING 2 GAL./M SSO-21, 20 GAL./M SGA AND 2 GAL./M HAI-85M.  
 FLUSH - PRODUCED WATER CONTAINING 2 GAL./M CLA-FIX II.

STAGE NO.	RATE BPM	FLUID TYPE	VOLUME GAL.	CUM. VOLUME GAL.
1	20	ACID	1500	1500
2	20	SGA ACID	16500	17500
3	0	SHUT DOWN, ALLOW FRACTURE TO CLOSE (~30 MINUTES)		
4	2	ACID	3000	20500
5	2	FLUSH	~1500	22000

- FLOW/SWAB BACK LOAD VOLUME OR UNTIL pH EXCEEDS 6. TOH WITH PACKER AND RUN ROD PUMPING EQUIPMENT.
- RDMO.

14. I hereby certify that the foregoing is true and correct.  
 Signed G.D. Scott *G.D. Scott* Title Drilling Technician Date August 14, 1996

(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.

10/01/96                    D E T A I L   W E L L   D A T A                    menu: opt 00  
api num: 4304732675        prod zone: WSTC            sec    twnshp    range   qr-qr  
entity: 11797 : GYPSUM HILLS 16        20    8.0 S     21.0 E    SESW  
well name: GYPSUM HILLS 16  
operator: N0210 : CHEVRON USA INC                                    meridian: S  
field: 610 : GYPSUM HILLS  
confidential flag: confidential expires:                    alt addr flag:  
                  \* \* \* application to drill, deepen, or plug back \* \* \*  
lease number: U-0140740        lease type: 1            well type:    OW  
surface loc: 0667 FSL 1999 FWL    unit name:  
prod zone loc: 0667 FSL 1999 FWL    depth:        7300    proposed zone: GRRV  
elevation: 4697' KB            apd date: 950327    auth code: R649-2-3  
\* \* completion information \* \*        date recd: 950731    la/pa date:  
spud date: 950504            compl date: 950630    total depth: 7265'  
producing intervals: 6642-6974'  
bottom hole: 0667 FSL 1999 FWL    first prod: 950715    well status: TAZ  
24hr oil: 3        24hr gas: 928        24hr water: 15        gas/oil ratio: 309  
\* \* well comments:            directionl:            api gravity:  
950511 ENTITY ADDED:950727 FR ENTITY 5355;NON UNIT WELL:950803 FR OW:950727  
PZ FR GRRV:960819 INT RECML TO GRRV PZ;961001 SEE ALSO GRRV PZ EFF 9/16/96:  
                  2 SCREENS (THIS SCREEN TAZ'D TO ELIMINATE DOUBLE WELL COUNT)  
opt: 21 api: 4304732675 zone: WSTC date(yymm):        enty        acct:

10/01/96                    D E T A I L   W E L L   D A T A                    menu: opt 00  
api num: 4304732675        prod zone: GRRV            sec    twshp    range   qr-qr  
entity: 11797 : GYPSUM HILLS 16            20    8.0 S    21.0 E    SESW  
well name: GYPSUM HILLS 16  
operator: N0210 : CHEVRON USA INC                                    meridian: S  
field: 610 : GYPSUM HILLS  
confidential flag: confidential expires:                    alt addr flag:  
                  \* \* \* application to drill, deepen, or plug back \* \* \*  
lease number: U-0140740        lease type: 1            well type:    OW  
surface loc: 0667 FSL 1999 FWL    unit name:  
prod zone loc: 0667 FSL 1999 FWL    depth: 7300        proposed zone: GRRV  
elevation: 4697' KB            apd date: 950327    auth code: R649-2-3  
\* \* completion information \* \*        date recd:            la/pa date:  
spud date: 950504            compl date: 960916    total depth: 7265'  
producing intervals: 5214-44'  
bottom hole: 0667 FSL 1999 FWL    first prod: 960820    well status:    POW  
24hr oil: 177    24hr gas: 76        24hr water: 41        gas/oil ratio: 429  
                  \* \* well comments:            directionl:            api gravity: 29.00  
961001 ORIG COMPL WSTC PZ SEE ALSO:

opt: 21 api: 4304732675 zone: GRRV date(yy-mm):        enty        acct:

10/01/96                    D E T A I L   W E L L   D A T A                    menu: opt 00  
 api num: 4304732675      prod zone: WSTC                    sec    twshp    range   qr-qr  
 entity: 11797 : GYPSUM HILLS 16                    20    8.0 S    21.0 E    SESW  
 well name: GYPSUM HILLS 16  
 operator: N0210 : CHEVRON USA INC                    meridian: S  
 field: 610 : GYPSUM HILLS  
 confidential flag:    confidential expires:                    alt addr flag:  
                   \* \* \* application to drill, deepen, or plug back \* \* \*  
 lease number: U-0140740                    lease type: 1                    well type:    OW  
 surface loc: 0667 FSL 1999 FWL                    unit name:  
 prod zone loc: 0667 FSL 1999 FWL                    depth: 7300                    proposed zone: GRRV  
 elevation: 4697' KB                    apd date: 950327                    auth code: R649-2-3  
 \* \* completion information \* \*                    date recd: 950731                    la/pa date:  
 spud date: 950504                    compl date: 950630                    total depth: 7265'  
 producing intervals: 6642-6974'  
 bottom hole: 0667 FSL 1999 FWL                    first prod: 950715                    well status: PGW  
 24hr oil: 3                    24hr gas: 928                    24hr water: 15                    gas/oil ratio: 309  
                   \* \* well comments:                    directionl:                    api gravity:  
 950511 ENTITY ADDED:950727 FR ENTITY 5355;NON UNIT WELL:950803 FR OW:950727  
 PZ FR GRRV:960819 OPER INT TO RECML TO GRRV PRODUCER EFF PER SNDRY REC'D  
 8/19/96:  
 opt: 21 api: 4304732675 zone:                    date(yymm):                    enty                    acct:

10-1-96

VLD,

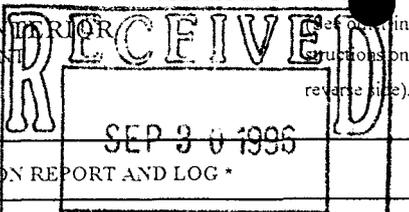
ORIG - PGW "WSTC"  
 (NOW TAZ)

FROM

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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



WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL  
 OIL WELL  GAS WELL   
 b. TYPE OF COMPLETION  
 NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other

2. NAME OF OPERATOR  
CHEVRON U.S.A. PRODUCTION COMPANY

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 667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, SLBM  
 At top rod. interval reported below  
 At total depth

14. PERMIT NO. 43-047-32675	DATE ISSUED 3/27/95	12. COUNTY OR PARISH UINTAH	13. STATE UTAH
--------------------------------	------------------------	--------------------------------	-------------------

15. DATE SPURRED. 5/1/95	16. DATE T.D. REACHED 6/18/95	17. DATE COMPL. (Ready to prod.) 6/30/95 Recompleted 9/16/96	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4697 KB	19. ELEV. CASINGHEAD 4681
-----------------------------	----------------------------------	-----------------------------------------------------------------	----------------------------------------------------	------------------------------

20. TOTAL DEPTH, MD & TVD 7265	21. PLUG BACK T.D., MD & TVD 5989	22. IF MULTIPLE COMPL., HOW MANY* N/A	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS N/A	CABLE TOOLS
-----------------------------------	--------------------------------------	------------------------------------------	------------------------------------	---------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
 5214-5226 Green River  
 5242-5244 Green River

25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
NONE THIS WORKOVER

27. WAS WELL CORED  
NO

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

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	602'	12 1/4	LEAD: 380 SXS HIFILL STD H	N/A
5 1/2	17#	7249'	7 7/8	TAIL: 600 SXS 'H'	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 7/8	5334	N/A

31. PERFORATION RECORD (Interval, size and number)

4 SPF 5214-5226  
4 SPF 5242-5244

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5214-5244	21,000 GALLONS 28% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 8/20/96	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) ROD PUMP 2 1/2 X 1 3/4 X 21 RHAC	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 8/23/96	HOURS TESTED 24	CHOKE SIZE N/A	PRODN FOR TEST PERIOD ----->	OIL--BBL. 177	GAS--MCF. 76	WATER--BBL. 41	GAS-OIL RATIO 429 SCF/30
FLOW. TUBING PRESS. N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE ----->	OIL--BBL. SAME	GAS--MCF SAME	WATER--BBL SAME	OIL GRAVITY-API (CORR.) 29	

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

TEST WITNESSED BY  
ROY DIXON

35. LIST OF ATTACHMENTS

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

SIGNED A.D. Scott TITLE DRILLING TECHNICIAN DATE 9/25/96

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

12/17/96 Tax Credit

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
UINTA GREEN RIVER	SURFACE 2093	2093 6065	NO CORES NO DSTs	GREEN RIVER Mahogany Shale G1 Lime G1 Sand	2093 3447 5215 5227	
WASATCH	6065	7265 T.D.				

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil  Gas   
 Well  Well  Other **MULTIPLE WELLS LIST ATTACHED**

2. Name of Operator  
**CHEVRON U.S.A. INC.**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300**

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

5. Lease Designation and Serial No.

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

7. If Unit or CA, Agreement Designation  
**GYPSUM HILLS UNIT  
UTU 67951A**

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area  
**Gypsum Hills Unit**

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
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(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)

As of January 1, 2000 Chevron U.S.A. Inc. resigns as Operator of the Gypsum Hills Unit.  
The Unit number is UTU 76951A effective April 1, 1991.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.  
By: Mitchell L. Solich  
Mitchell L. Solich  
President

**RECEIVED  
DEC 30 1999**

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker A. E. Wacker Title Assistant Secretary Date 12/29/1999

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial No.  
**U-0140740**

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

7. If Unit or CA, Agreement Designation  
**GYPSUM HILLS UNIT**

8. Well Name and No.  
**GYPSUM HILLS 16**

9. API Well No.  
**43-047-32675**

10. Field and Pool, or Exploratory Area  
**Gypsum Hills Unit - Green River**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**SHENANDOAH ENERGY, INC**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, S1BM**

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

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	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
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	<input type="checkbox"/> Water Shut-Off
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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)

The following work was completed from 3/4/00 to 3/9/00:

1. POOH W/PROD EQUIP
2. ACID FRAC W/25,000 GALS 28% sga, DISPLACE W/10,000 GALS 2% kci
3. FLOW AND SWAB BACK LOAD
4. RIH WITH PROD EQUIP, RWTP

14. I hereby certify that the foregoing is true and correct.  
Signed D. C. BEAMAN *D C Beaman* Title OFFICE MANAGER Date 03/17/00

(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.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) 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 February 4, 2000. 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 (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Gypsum Hills (Green River) 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/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Gypsum Hills (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well	Lease	API Number	Status	Type
COSTAS FEDERAL 1-20-4B	U-0140740	43-047-31006	A	INJ
COSTAS FEDERAL 2-20-3B	U-0140740	43-047-31066	A	INJ
COSTAS FEDERAL 3-21-1D	U-0804	43-047-31604	A	INJ
GYPSUM HILLS UNIT 10	U-025960	43-047-32306	A	INJ
GYPSUM HILLS UNIT 15	U-0140740	43-047-32648	A	INJ
GYPSUM HILLS UNIT 17	U-0140740	43-047-32649	A	INJ
GYPSUM HILLS UNIT 3	U-0140740	43-047-20002	A	INJ
GYPSUM HILLS UNIT 6	U-0140740	43-047-30099	A	INJ
GYPSUM HILLS UNIT 8-1 (SRU)	U-0140740	43-047-31932	A	INJ
GYPSUM HILLS UNIT 12	U-0140740	43-047-32458	A	INJ
COSTAS FEDERAL 4-21-1C	U-0804	43-047-31826	A	OIL
COSTAS FEDERAL 5-21-2C	U-0804	43-047-31827	A	OIL
GYPSUM HILLS 16	U-0140740	43-047-32675	A	OIL
GYPSUM HILLS UNIT 18	U-014740	43-047-32650	A	OIL
GYPSUM HILLS UNIT 4	U-0140740	43-047-30028	A	OIL
GYPSUM HILLS UNIT 9	U-0140740	43-047-32304	A	OIL
GYPSUM HILLS UNIT 11	U-0140740	43-047-32459	A	OIL
GYPSUM HILLS UNIT 13	U-0140740	43-047-32460	A	OIL
GYPSUM HILLS UNIT 14	U-0140740	43-047-32647	A	OIL
GYPSUM HILLS UNIT 19	U-0140740	43-047-32651	A	OIL
GYPSUM HILLS UNIT 20	U-0140740	43-047-32652	A	OIL
WHITON-FEDERAL 1-19-3C	U-0140740	43-047-31065	A	OIL
STAGECOACH 23-21	U-025960	43-047-31541	A	OIL
GYPSUM HILLS UNIT 21	U-0933	43-047-32692	A	GAS
GYPSUM HILLS 22 WG	U-0804	43-047-32818	A	GAS

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

<del>1. [REDACTED]</del>	4-KAS ✓
2. CDW ✓	5- <del>ST</del> ✓
3. JLT	6-FILE

Enter date after each listed item is completed

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

Designation of Agent

Operator Name Change (Only)

Merger

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

01/01/2000

**FROM:** (Old Operator):

CHEVRON USA INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

WELL(S) NAME	CA No.		Unit: GYPSUM HILLS			
	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
GYPSUM HILLS UNIT 4	43-047-30028	5355	19	08S	21E	FEDERAL
WHITON FEDERAL 1-19-3C	43-047-31065	5355	19	08S	21E	FEDERAL
GYPSUM HILLS 16	43-047-32675	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 18	43-047-32650	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 9	43-047-32304	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 11	43-047-32459	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 14	43-047-32647	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 19	43-047-32651	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 20	43-047-32652	5355	20	08S	21E	FEDERAL
COSTAS FEDERAL 4-21-1C	43-047-31826	5355	21	08S	21E	FEDERAL
COSTAS FEDERAL 5-21-2C	43-047-31827	5355	21	08S	21E	FEDERAL
STAGECOACH 23-21	43-047-31541	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 21	43-047-32692	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 22 WG	43-047-32818	5355	22	08S	21E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/15/2000



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-0140740**

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

7. If Unit or CA, Agreement Designation  
**GYPSUM HILLS UNIT**

8. Well Name and No.  
**GYPSUM HILLS 16**

9. API Well No.  
**43-047-32675**

10. Field and Pool, or Exploratory Area  
**Gypsum Hills Unit - Green River**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
 Well  Well  Other

2. Name of Operator  
**SHENANDOAH ENERGY, INC**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**667' FSL & 1999' FWL (SE SW) SECTION 20, T8S, R21E, SLBM**

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input checked="" 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)

The following work was completed from 3/4/00 to 3/9/00:

1. POOH W/PROD EQUIP
2. ACID FRAC W/25,000 GALS 28% sga, DISPLACE W/10,000 GALS 2% kci
3. FLOW AND SWAB BACK LOAD
4. RIH WITH PROD EQUIP, RWTP

*[Faint signature and stamp area]*

14. I hereby certify that the foregoing is true and correct.  
Signed D. C. BEAMAN *D C Beaman* Title OFFICE MANAGER Date 03/17/00

(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.

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801**Attention: John Baza/Jim Thompson**

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS &amp; MINING

SE (N4235) to QEP (N2460) GYPSUM HILLS UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P	
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P	
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P	
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P	
COSTAS FED 1-20-4B	20	080S	210E	4304731006	5355	Federal	WI	A	
COSTAS FED 2-20-3B	20	080S	210E	4304731066	5355	Federal	WI	A	
COSTAS FED 3-21-1D	21	080S	210E	4304731604	5355	Federal	WI	A	
GYPSUM HILLS 10	21	080S	210E	4304732306	5355	Federal	WI	A	
GYPSUM HILLS 12	19	080S	210E	4304732458	5355	Federal	WI	A	
GYPSUM HILLS 15	20	080S	210E	4304732648	5355	Federal	WI	A	
GYPSUM HILLS 17	20	080S	210E	4304732649	5355	Federal	WI	A	
GYPSUM HILLS 3	20	080S	210E	4304720002	5355	Federal	WI	A	
GYPSUM HILLS 6	20	080S	210E	4304730099	5251	Federal	WI	A	
SRU 8-1	20	080S	210E	4304731932	5355	Federal	WI	A	



# 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

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) 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 June 9, 2003. 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 Gypsum Hills (Green River) Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Gypsum Hills (Green River) Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – Gypsum Hills (Green River) Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFU

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

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:		<b>2/1/2003</b>
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>	
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	
<b>CA No.</b>	<b>Unit:</b>	<b>GYPSUM HILLS (GREEN RIVER)</b>

WELL(S)										Confid
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P.		
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P		
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P		
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P		
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P		
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P		
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P		
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P		
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P		
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P		
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P		
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P		
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P		
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P		

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: 8/28/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003
- 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:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**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**

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

WELL NAME	CA No.	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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- 4a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: n/a
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

4. (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
WVFU 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.

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

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

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

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

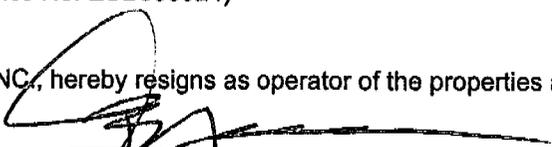
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible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

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

Utah State Bond Number: 965003033

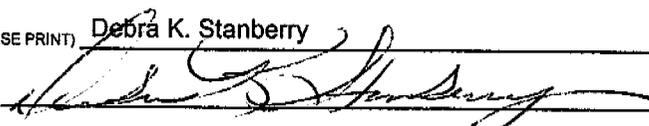
Fee Land Bond Number: 965003033

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

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

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

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

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

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**RECEIVED**  
**APR 13 2007**

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.

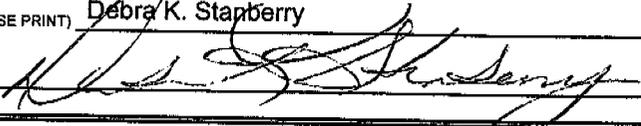
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street 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>

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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

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

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**6/14/2010**

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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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 <i>N5085</i>		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
PHONE NUMBER: (303) 672-6900		8. WELL NAME and NUMBER: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Attached		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
Utah State Bond Number: ~~965003033~~ *965010695*  
Fee Land Bond Number: ~~965003033~~  
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>

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

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

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
 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



# 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. Bankart*

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

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS