

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FIL WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED JULY 23, 1996

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-071745 INDIAN

DRILLING APPROVED: NOVEMBER 12, 1996

SPUDDED IN: 12.31.96

COMPLETED: 3.12.97 WIN PUT TO PRODUCING: ~~(WELL HAS NOT COMMENCED PROD.)~~

INITIAL PRODUCTION: 0

GRAVITY A.P.I. 0

GOR: 0

PRODUCING ZONES: 6625-6867' ARR V

TOTAL DEPTH: 7183'

WELL ELEVATION: 4753' KB

DATE ABANDONED:

FIELD: BRENNAN BOTTOM

UNIT: BRENNAN BOTTOM

COUNTY: Uintah

WELL NO. BRENNAN FEDERAL #11 API NO. 43-037-32772 ⁴⁷

LOCATION 649 FSL FT. FROM (N) (S) LINE. 1886 FWL FT. FROM (E) (W) LINE. SE SW 1/4 - 1/4 SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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				77S	21E	18	CHEVRON USA PROD.
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QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafeal Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

3A741

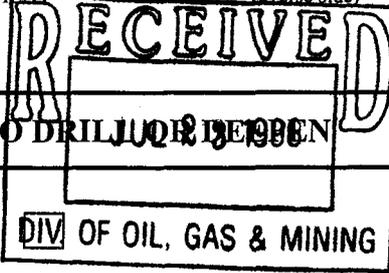
6970

TD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

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



APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN **DIV OF OIL, GAS & MINING**

b. TYPE OF WELL
 OIL WELL GAS-WELL OTHER Water Injection SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Chevron U.S.A. Production Company, Inc.

3. ADDRESS AND TELEPHONE NO.
11002 E. 17500 S. Vernal, Utah 84078 (801) 781-4300

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface
649' FSL & 1886' FWL, SESW
 At proposed prod. Zone
Same

5. LEASE DESIGNATION AND SERIAL NO.
U-071745

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Brennan Bottom Unit

8. FARM OR LEASE NAME, WELL NO.
Brennan Federal #11

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
Brennan Bottom

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC.18-T7S-R21E, SLBM

12. COUNTY OR PARISH
Uintah

13. STATE
UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
±28 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
649'
 (Also to nearest drlg. Unit line, if any)

16. NO. OF ACRES IN LEASE
676.8

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.
1861'

19. PROPOSED DEPTH
7275'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4739' GL

22. APPROX. DATE WORK WILL START*
August 1, 1996

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 8-5/8"	24#	600'	300 SX. CLASS A
7-7/8"	N-80 5-1/2"	17#	7275'	665 SX. HI-FILL STD. LEAD, 720 SX. CLASS H TAIL

Attachments: Certified Plat
 8 Point Drilling Plan
 13 Point Surface Use Plan
 Self-certification Statement

Note: A class II ER UIC permit application has been submitted to the U.S. Environmental Agency.

24. SIGNED *St. Culley* TITLE ASSET TEAM LEADER DATE 7-18-96

(This space for Federal or State office use)

PERMIT NO. 43-047-32772 APPROVAL DATE _____

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 *J. Matthews* TITLE Petroleum Engineer DATE 11/12/96

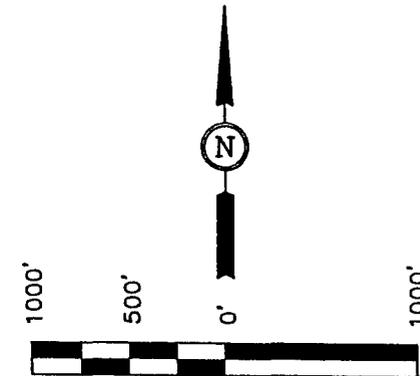
*See Instructions On Reverse Side

CHEVRON U.S.A., INC.

Well location, BRENNAN FEDERAL UNIT #11, located as shown in the SE 1/4 SW 1/4 of Section 18, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, 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 4698 FEET.



SCALE

CERTIFICATE

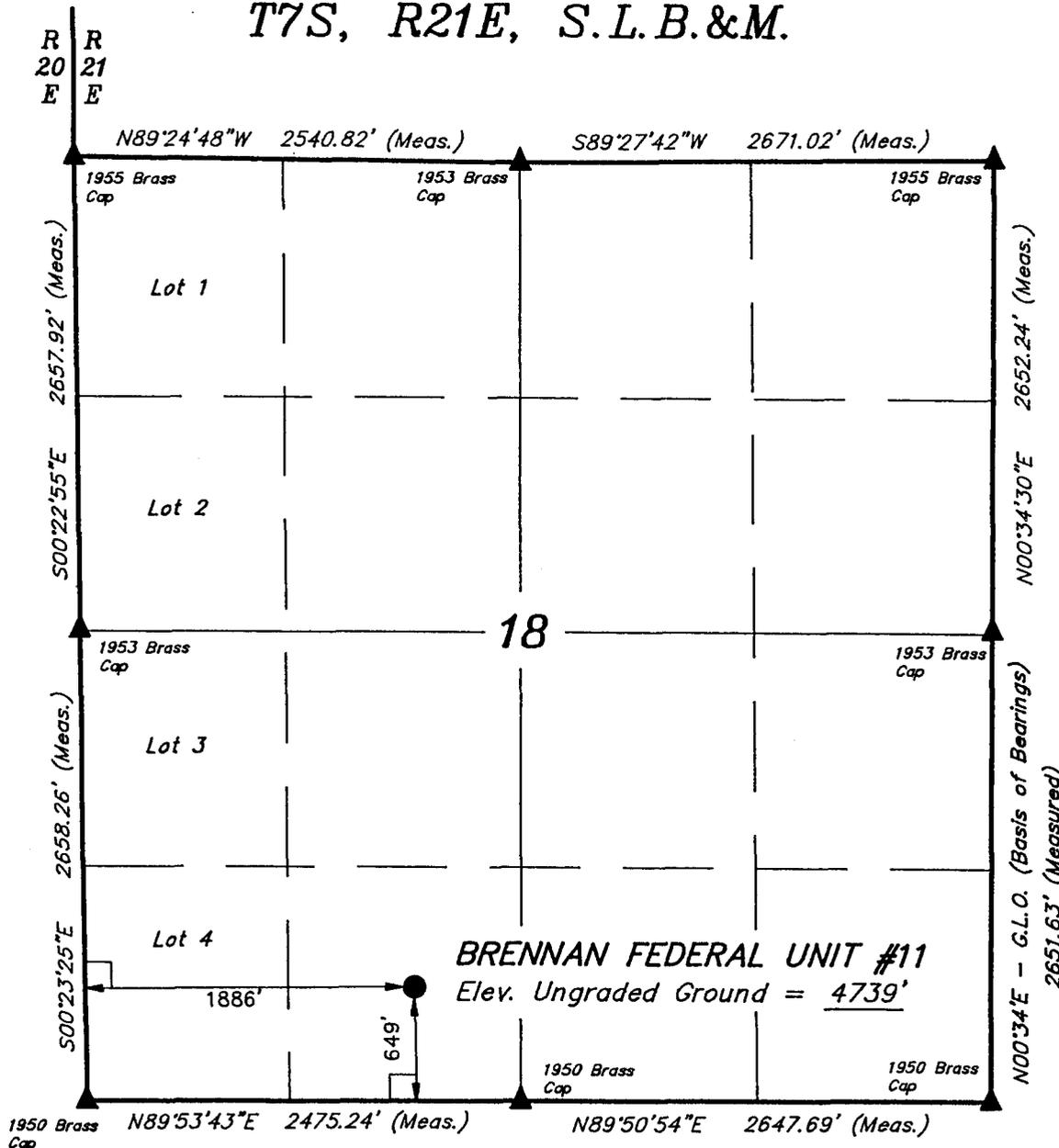
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 6-26-96 C.B.T.

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 6-19-96	DATE DRAWN: 6-20-96
PARTY B.B. M.C. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE CHEVRON U.S.A., INC.	

T7S, R21E, S.L.B.&M.



LEGEND:

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

BRENNAN FEDERAL #11 - EIGHT POINT DRILLING PLAN

For drilling through 8.625" surface casing to TD:

Maximum anticipated surface pressure <1600 psi

Pressure control equipment shall be in accordance with BLM minimum standards for 3000 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, 3000 psi working pressure. The choke and kill lines will be 2" or 3" bore, 3000 psi working pressure. Please refer to attached schematics.

Test procedure and frequency shall be in accordance with BLM minimum standards for 3000 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"	LTC	New	None	10' above shoe, every other 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.

BRENNAN FEDERAL #11 - 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 ~6100' (~500' above top of pay) with 312 cf (254 sx. or 233 sx.).

Lead slurry - Class A + extender + additives mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface using ~1602 cf (419 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.

BRENNAN FEDERAL #11 - 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 to 3500'
Sonic	None
Formation Micro Imager	None
Magnetic Resonance Imager	TD to 6447'

Coring: None

Testing: None planned.

7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H₂S, 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 @ 7275': ~3150 psi (~0.433 psi/ft.).

Maximum expected BHT @ 7275': ~165° F.

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

8. OTHER:

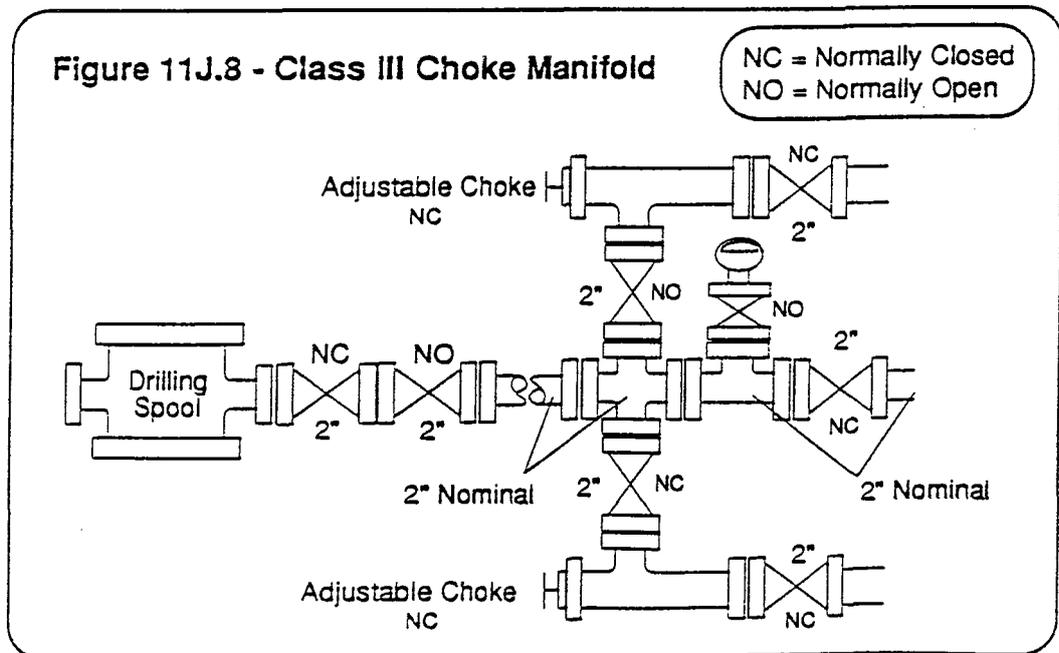
None.

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:

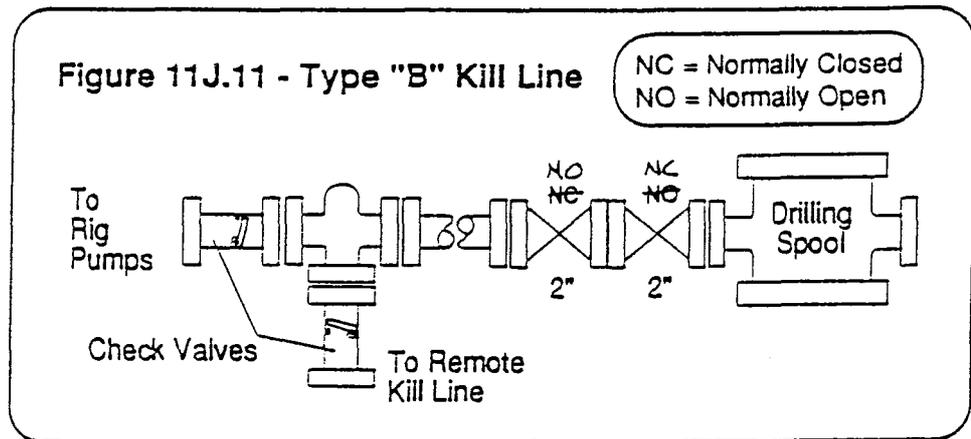
1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely 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 bleed 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

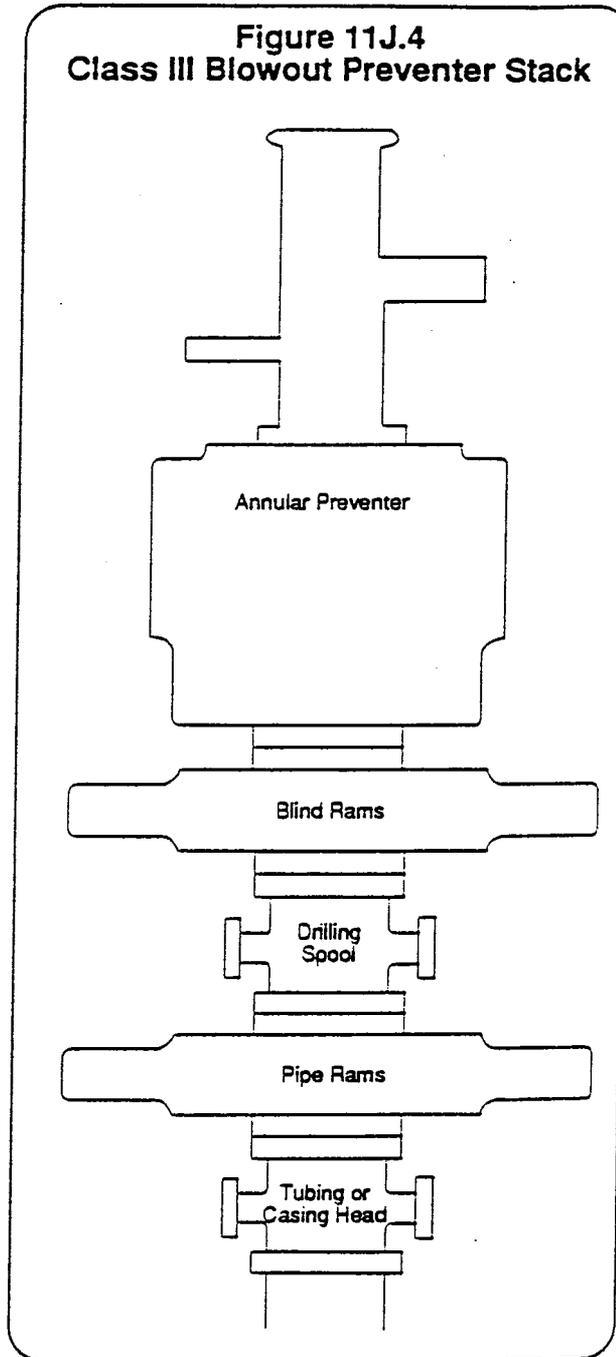
The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

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.



CHEVRON USA PRODUCTION CO.

**BRENNAN FEDERAL #11
649' FSL & 1886' FWL
SESW-S18-T7S-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. Proposed access road begins approximately 27.7 miles from Vernal, UT.

2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:

See Topographic Maps A and B. An access road approximately 0.1 mile 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. A water injection flow line to supply two class II ER wells will be constructed as shown. Location equipment will consist of metering, sampling, and pressure monitoring devices as required by the EPA.

C. 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 BLM.

D. A cathodic protection system will be installed on location following well completion.

BRENNAN FEDERAL #11 - THIRTEEN POINT SURFACE USE PLAN

5. LOCATION AND TYPE OF WATER SUPPLY:

Water from the following sources will be used:

A. Wonsits Valley Federal Unit water supply wells, July 2, 1965 Application #A-4646, paragraph 16.

1. 2471' South & 2122' East of the NW corner of Sec. 6-T8S-R21E, SLBM.
2. 2473' South & 2272' East of the NW corner of Sec. 6-T8S-R21E, SLBM.
3. 2474' South & 2422' East of the NW corner of Sec. 6-T8S-R21S, SLBM.

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

1. East 400'. North 200' from S1/4 Cor. Sec. 32-T4s-R3E, USBM, Uintah County, Utah.

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 reserve pit will be constructed to contain excess drilling fluids.

B. Excess reserve pit fluid will be disposed of via evaporation, percolation at pit abandonment or haul-off to a commercial disposal facility.

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

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

BRENNAN FEDERAL #11 - THIRTEEN POINT SURFACE USE PLAN

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.

G. In the event fluids are produced, any oil will be transferred to existing facilities within Brennan Bottom Unit and sold. Any water will be transferred to Red Wash Unit disposal facilities.

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.

B. Burn pit will not be lined.

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

BRENNAN FEDERAL #11 - THIRTEEN POINT SURFACE USE PLAN

10. PLAN FOR RESTORATION OF SURFACE:

A. All surface areas not required for injection 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 BLM.

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 1996. 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 production facilities are constructed on federal lands. The operator shall contact the BLM office at (801) 789-1362 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.

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 Brennan Federal Unit #11, SESW-Sec.18-T7S-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: 7-18-96

CHEVRON USA PRODUCTION CO.

**BRENNAN FEDERAL #11
649' FSL & 1886' FWL
SESW-S18-T7S-R21E
UINTAH COUNTY, UTAH**

EIGHT POINT DRILLING PLAN

1. ESTIMATED FORMATION TOPS:

Uinta	Surface
Green River	~3080'
Oil Shale	~4690'
G1 Lime	~6610'
H4a Marker	~6855'
Wasatch	~6928'

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

Deepest Fresh Water: ~1750', Uinta Formation.

Oil Shale: Oil shale is expected between depths of ~4690-5055'.

Oil: Oil is expected in several intervals between the depths of 6610' and 7028'.

Gas: Minor shows may be encountered below ~2500'.

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 600':

No BOP equipment required.

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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APPLICATION FOR PERMIT TO DRILL OR DEEPEN

7. UNIT AGREEMENT NAME
Brennan Bottom Unit

1a. TYPE OF WORK
DRILL **DEEPEEN**

b. TYPE OF WELL
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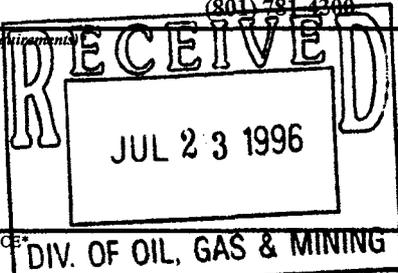
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(Also to nearest drlg. Unit line, if any)

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13 Point Surface Use Plan
Self-certification Statement**

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(This space for Federal or State office use)
PERMIT NO. *43-047-32772* APPROVAL DATE _____

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CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY *J.P. Matthews* TITLE *Petroleum Engineer* DATE *11/12/96*

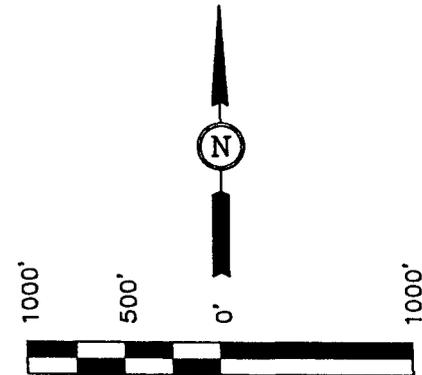
*See Instructions On Reverse Side

CHEVRON U.S.A., INC.

Well location, BRENNAN FEDERAL UNIT #11,
located as shown in the SE 1/4 SW 1/4 of
Section 18, T7S, R21E, S.L.B.&M. Uintah
County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION
18, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN
BASIN, 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 4698 FEET.



SCALE

CERTIFICATE

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

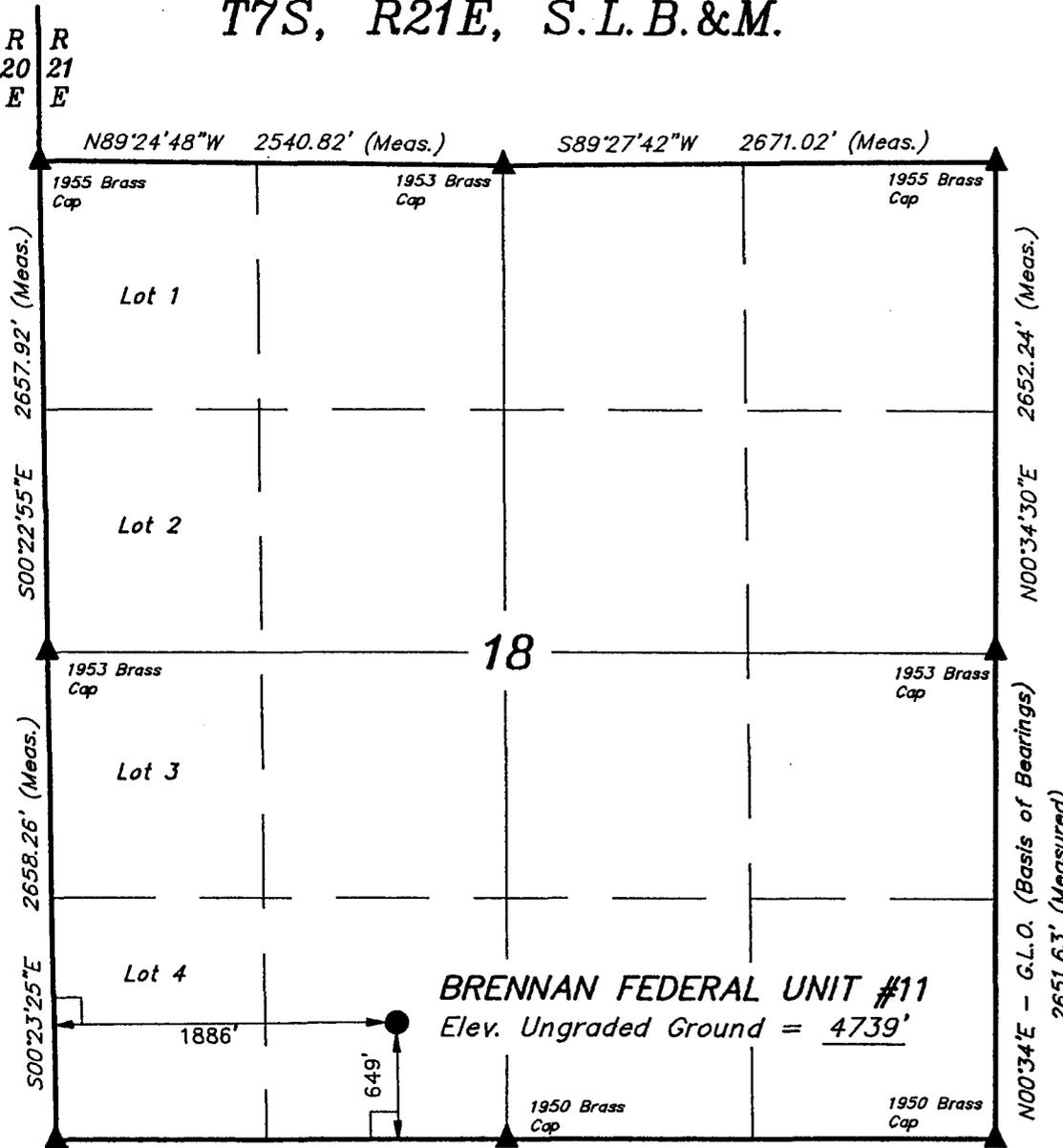
Robert J. Stopy
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 6-26-96 C.B.T.

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 6-19-96	DATE DRAWN: 6-20-96
PARTY B.B. M.C. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE CHEVRON U.S.A., INC.	

T7S, R21E, S.L.B.&M.

R
20
E



1950 Brass Cap N89°53'43"E 2475.24' (Meas.) N89°50'54"E 2647.69' (Meas.)

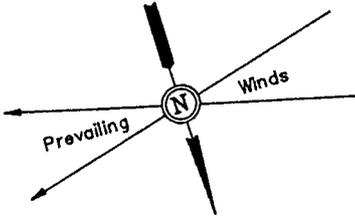
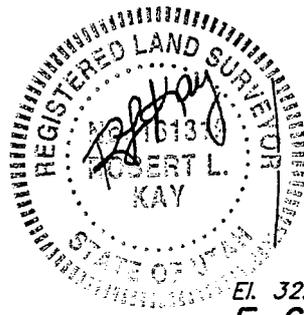
LEGEND:

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

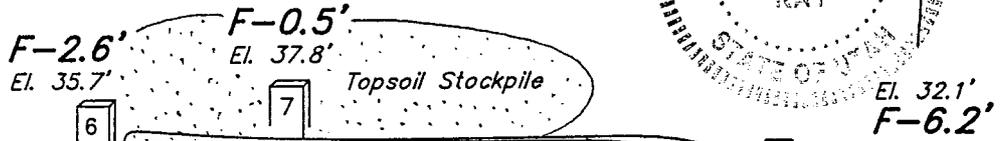
CHEVRON USA., INC.

LOCATION LAYOUT FOR

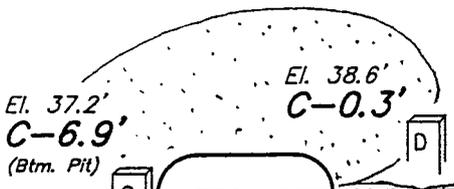
BRENNAN FEDERAL UNIT #11
SECTION 18, T7S, R21E, S.L.B.&M.
649' FSL 1886' FWL



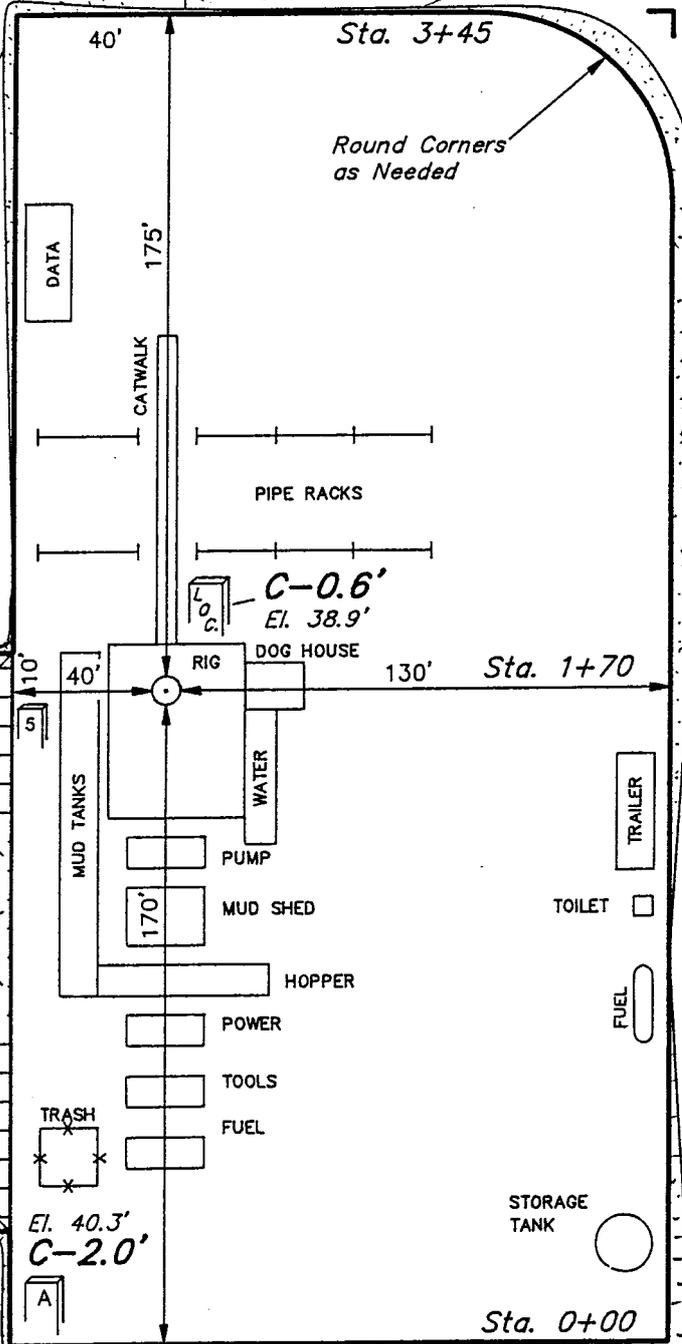
SCALE: 1" = 50'
DATE: 6-20-96
Drawn By: C.B.T.



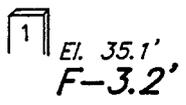
NOTE:
FLARE PIT IS TO BE LOCATED A MINIMUM OF 100' FROM THE WELL HEAD.



APPROX. TOP OF CUT SLOPE



APPROX. TOE OF FILL SLOPE



Existing Drainage

Proposed Access Road

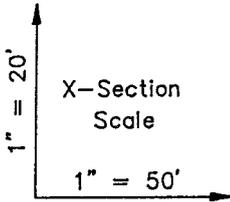
FIGURE #1

Elev. Ungraded Ground at Location Stake = 4738.9'
Elev. Graded Ground at Location Stake = 4738.3'

CHEVRON USA., INC.

TYPICAL CROSS SECTIONS FOR

BRENNAN FEDERAL UNIT #11
SECTION 18, T7S, R21E, S.L.B.&M.
649' FSL 1886' FWL



DATE: 6-20-96
Drawn By: C.B.T.

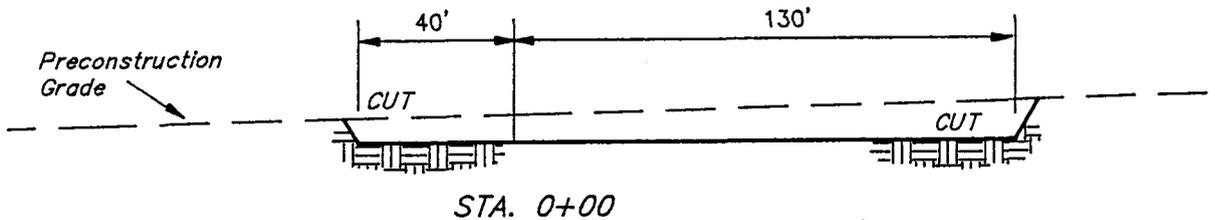
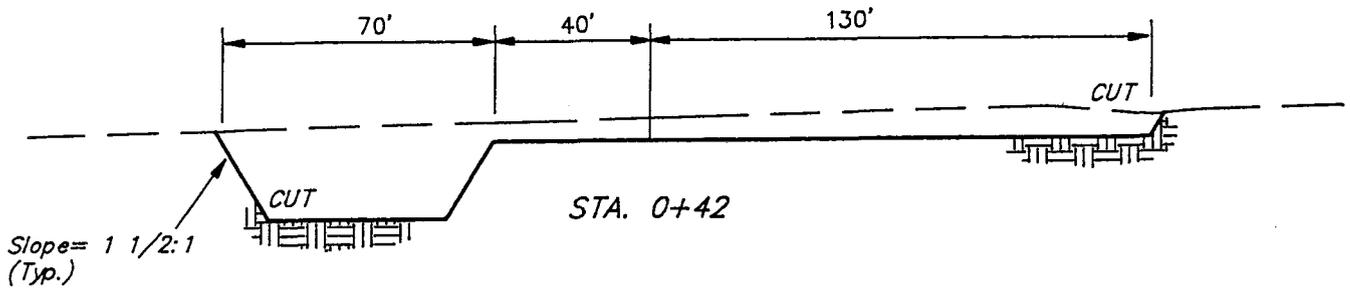
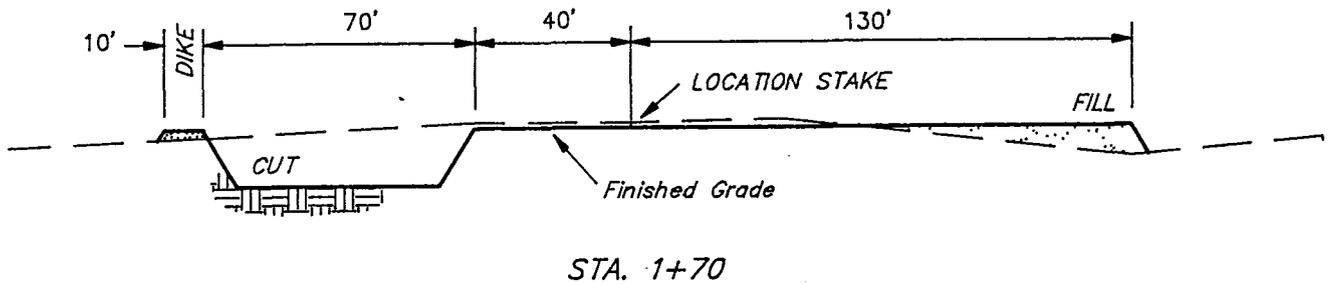
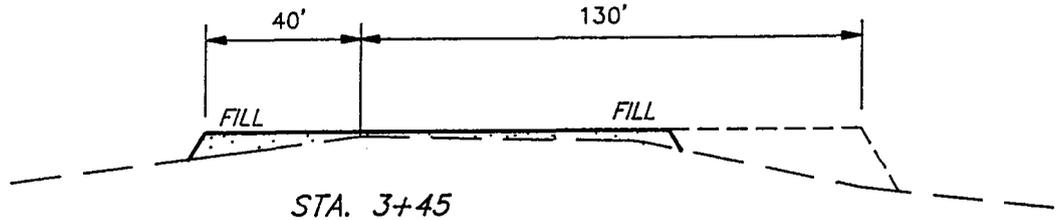


FIGURE #2

APPROXIMATE YARDAGES

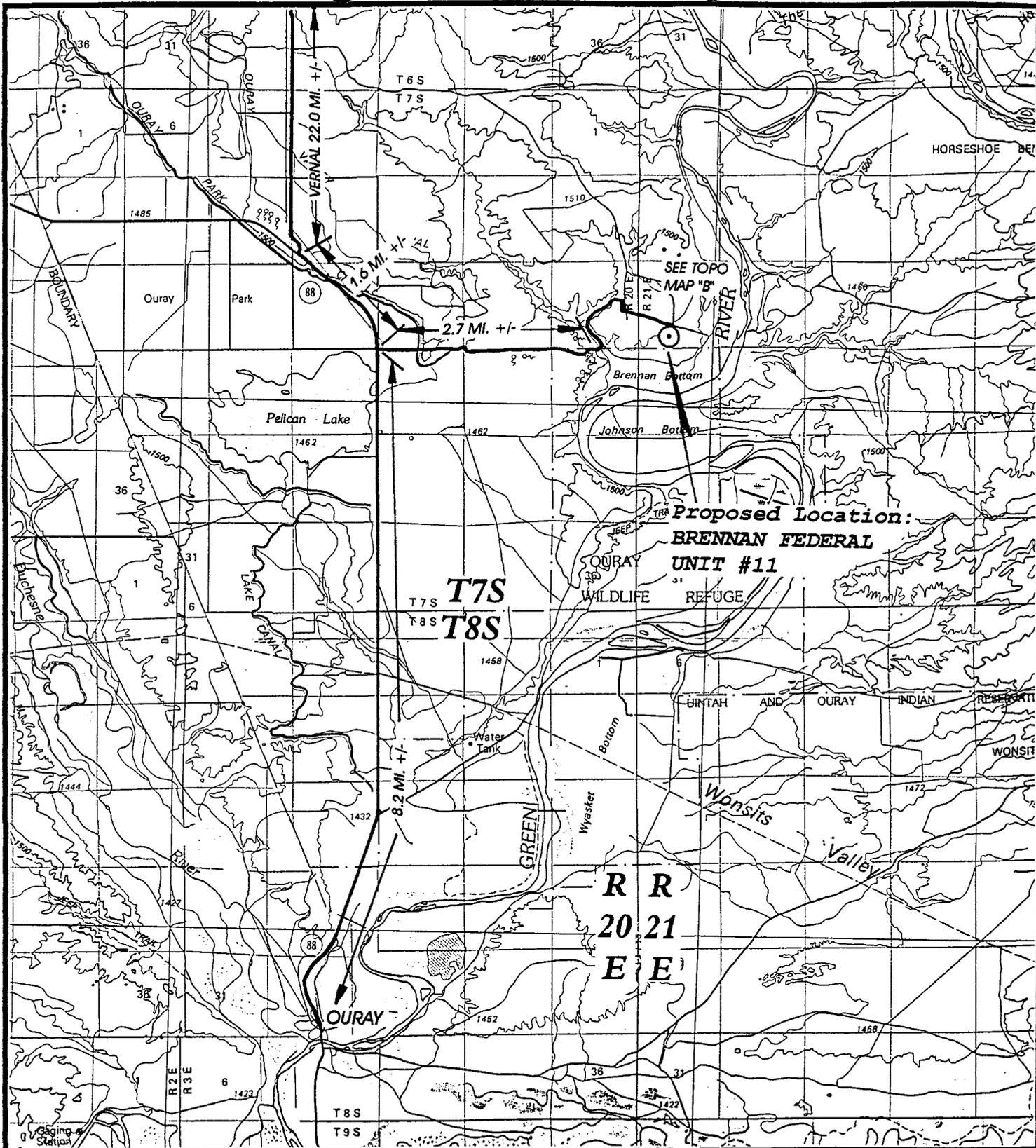
CUT

(6") Topsoil Stripping	= 1,280 Cu. Yds.
Remaining Location	= 3,880 Cu. Yds.
TOTAL CUT	= 5,160 CU.YDS.
FILL	= 2,170 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION

Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,880 Cu. Yds.
	= 2,480 Cu. Yds.
EXCESS CUT MATERIAL	= 400 Cu. Yds.

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



Proposed Location:
**BRENNAN FEDERAL
 UNIT #11**

WILDLIFE REFUGE

**T7S
 T8S**

**R R
 20 21
 E E**

UELS

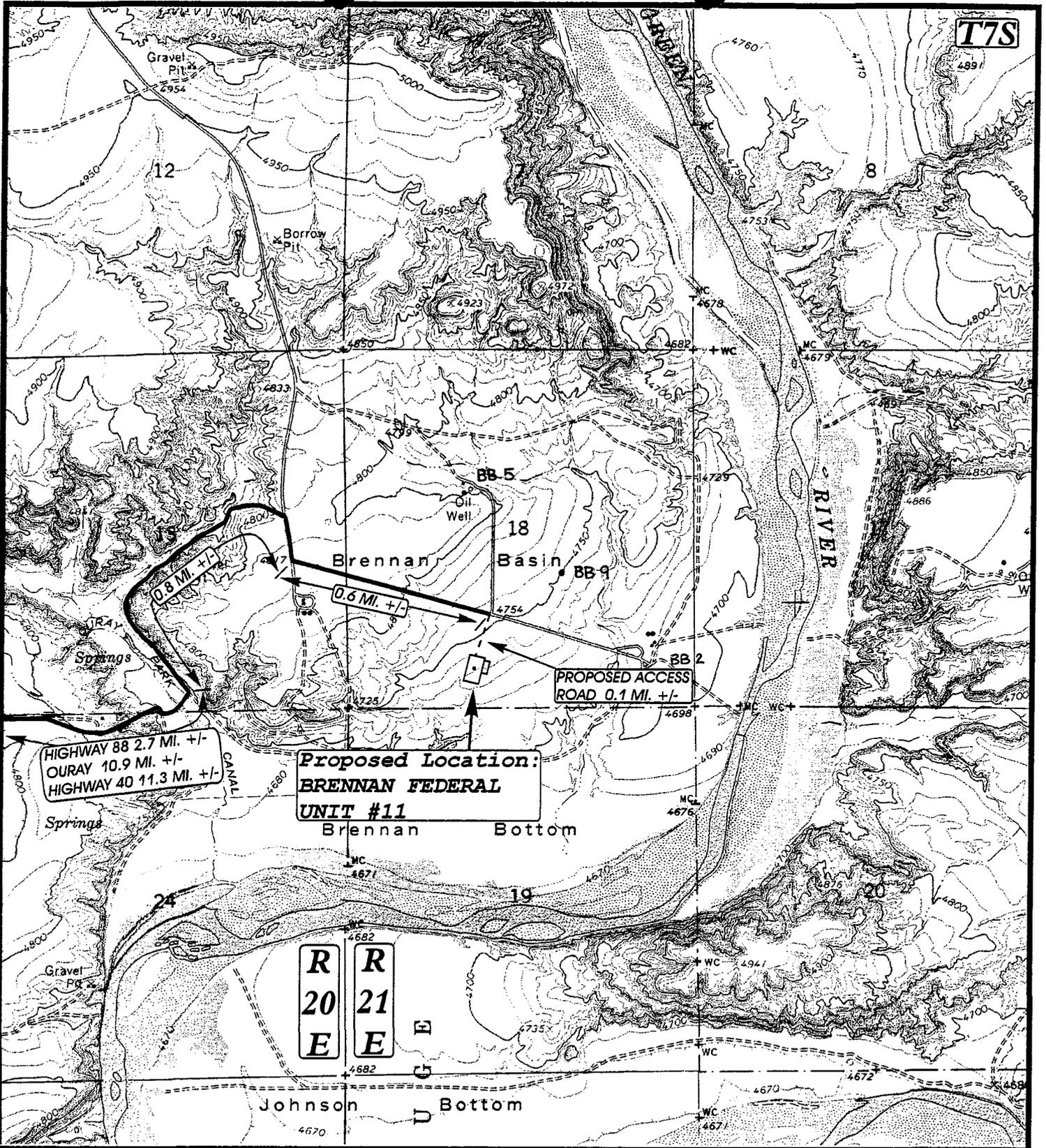
**TOPOGRAPHIC
 MAP "A"**

DATE: 6-20-96
 Drawn by: C.B.T.



CHEVRON USA, INC.

BRENNAN FEDERAL UNIT #11
 SECTION 18, T7S, R21E, S.L.B.&M.
 649' FSL 1886' FWL



**TOPOGRAPHIC
MAP "B"**

DATE: 6-20-96
Drawn by: C.B.T.

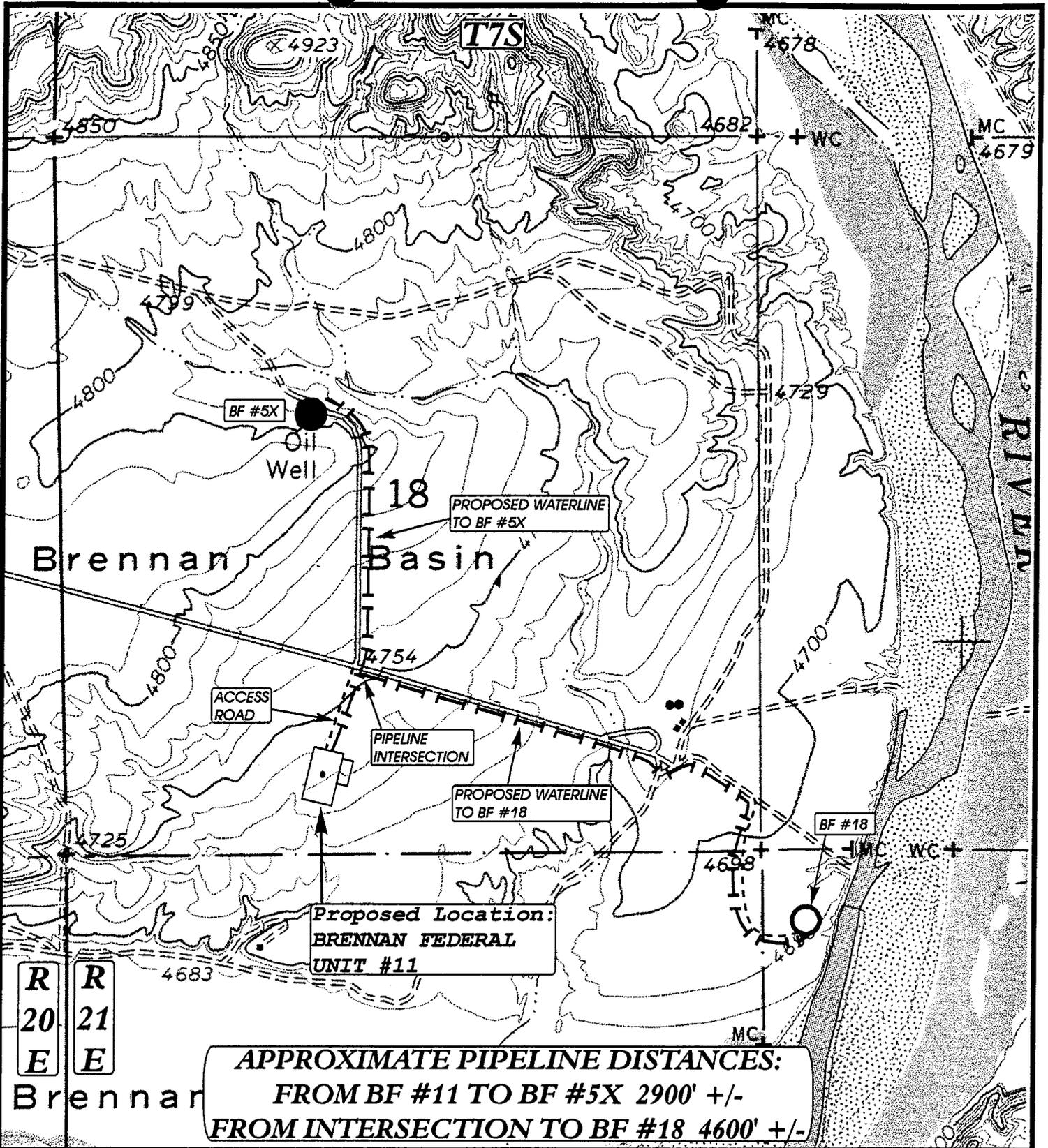
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

CHEVRON USA, INC.

BRENNAN FEDERAL UNIT #11
SECTION 18, T7S, R21E, S.L.B.&M.
649' FSL 1886' FWL



TOPOGRAPHIC MAP "C"

----- Existing Pipeline
 HHHHHHHH Proposed Pipeline

CHEVRON USA, INC.

BRENNAN FEDERAL UNIT #11
 SECTION 18, T7S, R21E, S.L.B.&M.

DATE: 6-20-96
 Drawn by: C.B.T.

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

SCALE: 1" = 1000'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/23/96

API NO. ASSIGNED: 43-047-32772

WELL NAME: BRENNAN FEDERAL #11
OPERATOR: CHEVRON (N0210)

PROPOSED LOCATION:
SESW 18 - T07S - R21E
SURFACE: 0649-FSL-1886-FWL
BOTTOM: 0649-FSL-1886-FWL
UINTAH COUNTY
BRENNAN BOTTOM FIELD (560)

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

LEASE TYPE: FED
LEASE NUMBER: U - 071745

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3. Unit: BRENNAN BOTTOM
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: CHEVRON USA PROD CO IN	Well Name: BRENNAN FEDERAL 11
Project ID: 43-047-32772	Location: SEC. 18 - T7S - R21E

Design Parameters:

Mud weight (9.50 ppg) : 0.494 psi/ft
 Shut in surface pressure : 3135 psi
 Internal gradient (burst) : 0.063 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet".

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	7,275	5.500	17.00	N-80	LT&C	7,275	4.767
	Collapse Load Strgth (psi) (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips) (kips)	S.F.
1	3590	6280	1.749	3590	7740	2.16	123.68 348 2.81 J

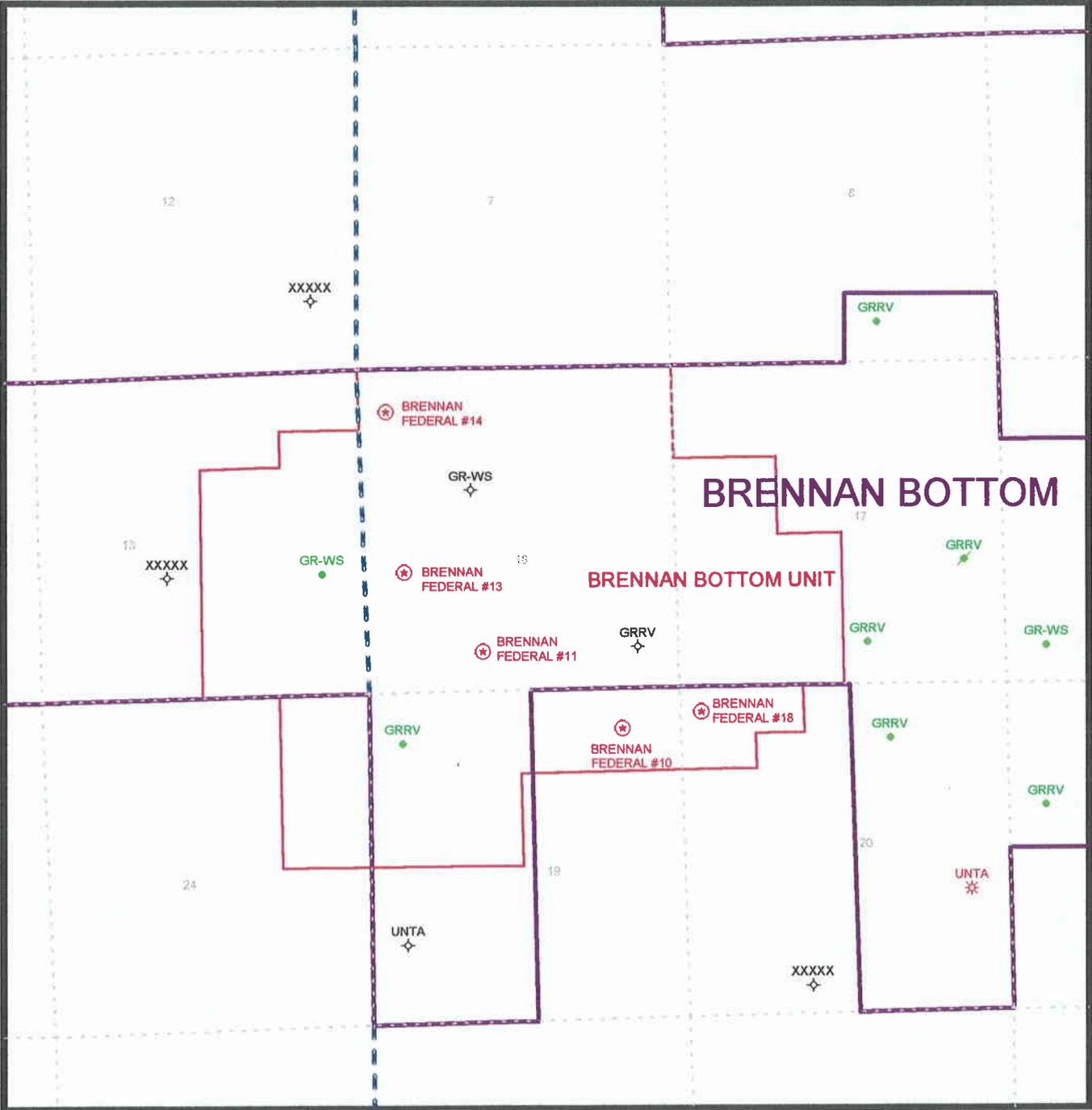
Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-12-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 7,275 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 116°F (Surface 74°F , BHT 176°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.494 psi/ft and 3,590 psi, respectively.

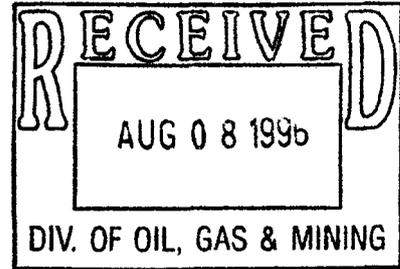
NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

OPERATOR: CHEVRON
FIELD: BRENNAN BOTTOM (560)
SEC, TWP, RNG: SEC. 18, 19, 20 T7S, R21E
COUNTY: UINTAH
UAC: R649-3-2



PREPARED:
DATE: 23-JULY-96

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR: **CHEVRON USA PRODUCTION CO., INC.**
ADDRESS: **11002 EAST 17500 SOUTH**
VERNAL, UT 84078-8526

(801) 781-4300

WELL NAME AND NUMBER:	BRENNAN FEDERAL # 11			
FIELD OR UNIT NAME:	BRENNAN BOTTOM UNIT			
WELL LOCATION:	SESW-SEC.18-T7S-R21E, SLBM, UINTAH COUNTY			
Is this application for expansion of an existing project?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Will the proposed well be used for:	Enhanced Recovery?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	Disposal?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
	Storage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Is this application for a new well to be drilled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
If this application is for an existing well, has a casing test been performed on the well?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	Date of test:	NA		
	API Number:	43-047-		
Proposed Injection Interval:	from 6713' to 7112'			
Proposed maximum injection:	Rate 500	Pressure 1897	psig	
Proposed injection zone contains <input checked="" type="checkbox"/> oil, <input checked="" type="checkbox"/> gas and/or <input type="checkbox"/> fresh water within 1/2 mile of the well.				
IMPORTANT: Additional information as required by R649-5-2 should accompany this form.				
List of Attachments:	Area UIC Permit Application package as submitted to United States Environmental Protection Agency.			
I certify that this report is true and complete to the best of my knowledge.				
Name:	Steven D. McPherson	Signature	<i>Steven D. McPherson</i>	
Title:	Petroleum Engineer	Date	8/6/96	
Phone No.	(801)781-4310			
(State use only)				
Application approved by	_____	Title	_____	
Approval Date	_____			

Complete Application in Brennan Unit File



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)

October 10, 1996

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Re: Notice of Agency Action - Cause No. UIC-181

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



Chevron USA, Inc.
Brennan Federal #5 and Brennan Federal #11 Wells
Cause No. UIC-181

Publication Notices were sent to the following:

Chevron USA, Inc.
11002 East 17500 South
Vernal, Utah 84078-8526

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn: Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Lorraine Platt

Lorraine Platt
Secretary

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF CHEVRON	:	ACTION
USA, INC. FOR ADMINISTRATIVE	:	
APPROVAL OF THE BRENNAN	:	CAUSE NO. UIC-181
FEDERAL 5 AND BRENNAN	:	
FEDERAL 11 WELLS LOCATED IN	:	
SECTION 18, TOWNSHIP 7 SOUTH,	:	
RANGE 21 EAST, S.L.M., UINTAH	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

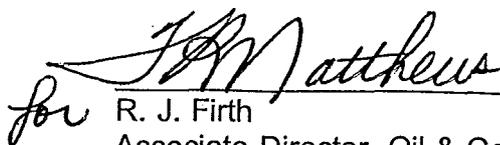
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA, Inc. for administrative approval of the Brennan Federal #5 and Brennan Federal #11 wells, located in Section 18, Township 7 South, Range 21 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 6713 feet to 7112 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1926 PSIG for the Brennan Federal #5 well and 1897 PSIG for the Brennan Federal #11 well with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of October 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


for R. J. Firth
Associate Director, Oil & Gas



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)

October 10, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

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Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure





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

Michael O. Leavitt
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Lorraine Platt
Secretary

Enclosure



5

Chevron USA, Inc.
Brennan Federal #5 and Brennan Federal #11 Wells
Cause No. UIC-181

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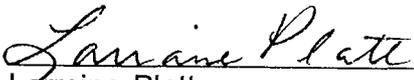
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Vernal, Utah 84078-8526

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn: Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-181 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC. FOR ADMINISTRATIVE APPROVAL OF THE BRENNAN FEDERAL 5 AND BRENNAN FEDERAL 11 WELLS LOCATED IN SECTION 18, TOWNSHIP 7 SOUTH, RANGE 21 EAST, S.L.M., UINTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA, Inc. for administrative approval of the Brennan Federal #5 and Brennan Federal #11 wells, located in Section 18, Township 7 South, Range 21 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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Dated this 10th day of October 1996.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

R.J. FIRTH
Associate Director, Oil & Gas

Published in the Vernal Express Oct. 16, 1996.

STATE OF UTAH,

} SS.

County of Uintah

I, SHEILA S. WHEELER,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for 1 publications,

the first publication having been made on

the 16th day of October, 1996 and the last

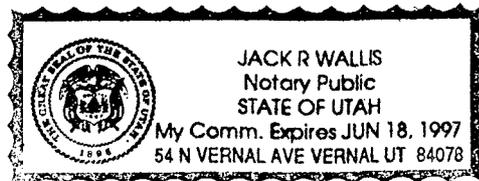
on the 16th day of October, 1996, that

said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By *Sheila S. Wheeler*
Manager

Subscribed and sworn to before me, this 16th day of October A.D. 1996.

Jack R. Wallis
Notary Public, Residence, Vernal, Utah



143 SOUTH MAIN ST.
P. O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I. D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL, GAS & MINING 1594 W NORTH TEMPLE STE # 1210 SALT LAKE CITY UT 84114	D5385340L-07	10/17/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TLAE8201461
SCHEDULE	
START 10/17/96 END 10/17/96	
CUST. REF. NO.	

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-181
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC. FOR ADMINISTRATIVE APPROVAL OF THE BRENNAN FEDERAL 5 AND BRENNAN FEDERAL 11 WELLS LOCATED IN SECTION 18, TOWNSHIP 7 SOUTH, RANGE 24 EAST, S.L.M., UTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA, Inc. for administrative approval of the Brennan Federal #5 and Brennan Federal #11 wells, located in Section 18, Township 7 South, Range 24 East, S.L.M., Utah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 6713 feet to 7112 feet (Green River Formation) will be selectively perforated for water injection. A maximum requested injection pressure will be limited to 1926 PSIG for the Brennan Federal #5 well and 1897 PSIG for the Brennan Federal #11 well with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 10th day of October, 1996.

STATE OF UTAH
DIV. OF OIL, GAS AND MINING
R. J. Firin
Associate Director, Oil & Gas
AE820140

UIC-181

CAPTION

NOTICE OF AGENCY ACTION CAUSE N

SIZE

74 LINES 1.00 COLUMN

TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	121.36
	TOTAL COST
	121.36

AFFIDAVIT OF PUBLICATION

NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED STATEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR DIVISION OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 10/17/96 END 10/17/96

SUBSCRIBED AND PUBLISHED BY

10/17/96



NOTARY PUBLIC
JOANNE MOONEY
2626 Hartford St.
Salt Lake City, UT 84108
My Commission Expires
March 31, 2000
STATE OF UTAH

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT.

OFFICE COPY



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)

November 12, 1996

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

Re: Brennan Federal 11 Well, 649' FSL, 1886' FWL, SE SW,
Sec. 18, T. 7 S., R. 21 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32772.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth".

R. J. Firth
Associate Director

lwp

Enclosures

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

Operator: Chevron USA Production Company, Inc.
Well Name & Number: Brennan Federal 11
API Number: 43-047-32772
Lease: U-071745
Location: SE SW Sec. 18 T. 7 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)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

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 TRIPlicate*
(Other instructions on reverse side)

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

RECEIVED

JUL 23 1996

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL DEEPEN

b. TYPE OF WELL

OIL WELL GAS-WELL OTHER **Water Injection** SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Chevron U.S.A. Production Company, Inc.

3. ADDRESS AND TELEPHONE NO.
11002 E. 17500 S. Vernal, Utah 84078 (801) 781-4300

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
649' FSL & 1886' FWL, SESW
At proposed prod. Zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
±28 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any)	649'	16. NO. OF ACRES IN LEASE	676.8	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.	1861'	19. PROPOSED DEPTH	7275'	20. ROTARY OR CABLE TOOLS	Rotary
---	--------------	--------------------	--------------	---------------------------	---------------

21. ELEVATIONS (Show whether DF, RT, GR, etc.)	4739' GL	22. APPROX. DATE WORK WILL START*	August 1, 1996
--	-----------------	-----------------------------------	-----------------------

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 8-5/8"	24#	600'	300 SX. CLASS A
7-7/8"	N-80 5-1/2"	17#	7275'	665 SX. HI-FILL STD. LEAD, 720 SX. CLASS H TAIL

**Attachments: Certified Plat
8 Point Drilling Plan
13 Point Surface Use Plan
Self-certification Statement**

RECEIVED
NOV 18 1996
DIV. OF OIL, GAS & MINING

Note: A class II ER UIC permit application has been submitted to the U.S. Environmental Agency.

24. SIGNED *[Signature]* TITLE ASSET TEAM LEADER DATE 7-18-96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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 Acting Assistant Field Manager DATE NOV 15 1996
Mineral Resources

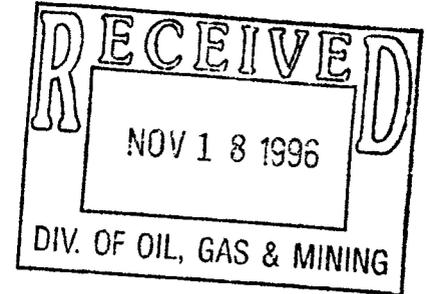
*See Instructions On Reverse Side

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

DOAN

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Chevron U.S.A. Production Company, Inc.

Well Name & Number: Brennan Fed. 11

API Number: 43-047-32772

Lease Number: SL-071745

Location: SESW Sec. 18 T. 07 S 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 to the field representative by the operator 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 **prior to setting the next casing string or requesting plugging orders**. Faxed 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.

3. Casing Program and Auxiliary Equipment

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

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

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 ± 1254 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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 from the production casing shoe to ± 1054 ft. and shall be utilized to determine the bond quality for the 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 approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
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
Conditions of Approval

Methods for Handling Waste Disposal:

If a plastic nylon reinforced liner is used for the reserve pit, it will be a minimum of 12 mil thickness with sufficient bedding material (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be constructed to hold excess drilling fluids without breaking or seepage.

After first production, produced water will be confined to the pit or to a storage tank for a period not to exceed 90 days. During that period, in accordance Onshore Order #7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officer's approval.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off of the location. The reserve pit will be reclaimed within 180 days from the date of well completion. Before the pit is reclaimed it must be completely dry and all cans, barrels, pipe etc. will be removed.

Other Additional Information:

a. The Operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate

If the operator wishes, at any time, to relocate activities to avoid expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- b. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered lands it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or hazardous chemicals.
- c. Powerlines will be designed to avoid electrical hazards to perching raptors.
- d. Roads will be watered and/or chemically stabilized in order to reduce fugitive dust.
- e. Facilities will be painted with colors that blend with the surrounding landscape after consultation with the BLM
- f. A complete copy of the approved APD with any applicable ROW grants and Conditions of Approval included in the approval for the APD shall be on location during the construction of the location and drilling activities.



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)

UNDERGROUND INJECTION CONTROL PERMIT

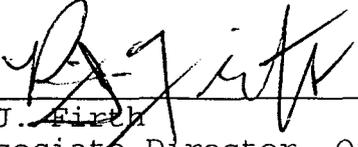
Cause No. UIC-181

Operator: Chevron USA, INC.
Wells: Brennan Federal 5 and Brennan Federal 11
Location: Section 18, Township 8 South, Range 21 East,
County: Uintah
API No.: 43-047-15420 and 43-047-32772
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 16, 1996
2. Maximum Allowable Injection Pressure: 1897 psig for the Brennan Federal 11 and 1926 psig for the Brennan Federal 5
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 6713 feet to 7112 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas



Date





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)

December 16, 1996

Chevron USA, Inc.
11002 East 17500 South
Vernal, Utah 84078-8526

Re: Brennan Federal 5 and Brennan Federal 11 wells, Section 18, Township 7 South, Range 21 East, Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Chevron USA, Inc.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R. J. Firth
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHEVRON USA

Well Name: BRENNAN FEDERAL # 11

Api No. 43-047-32772

Section 18 Township 7S Range 21E County UINTAH

Drilling Contractor COLORADO WELL SERVICE

Rig #: 78

SPUDDED:

Date: 12/31/96

Time: _____

How: DRY HOLE

Drilling will commence: _____

Reported by: D. HACKFORD

Telephone #: _____

Date: 1/2/97 Signed: FRM

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 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
649' FLS, 1886' FWL, se sw, Sec 18, T7S, R21E

5. Lease Designation and Serial No.
SL-071745

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

7. If Unit or CA, Agreement Designation
BRENNAN BOTTOM UNIT

8. Well Name and No.
BRENNAN FEDERAL 11

9. API Well No.
43-047-32772

10. Field and Pool, or Exploratory Area
BRENNAN BOTTOM-GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

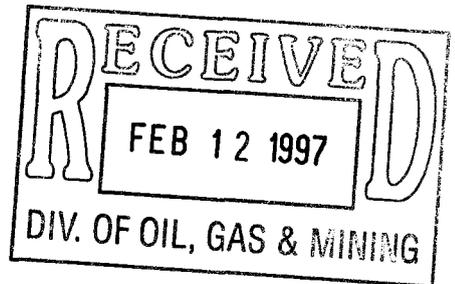
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

This well was spud on 2/9/97. Verbal notification was given to Jerry Barnes of the Bureau of Land Management and David Hackford of Utah State Division of Oil Gas and Mining.



14. I hereby certify that the foregoing is true and correct.
Signed DC Tanner Title Computer Systems Operator Date 2/10/97

(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
B	99999	05261	43-047-32772	Brennan Federal #11	SE SW	18	7S	21 E	Uintah	02/09/97	

WELL 1 COMMENTS:
New well to be drilled in Brennan Federal Unit. *Entity added 2-12-97. JLC*

--	--	--	--	--	--	--	--	--	--	--	--

WELL 2 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 3 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 5 COMMENTS:

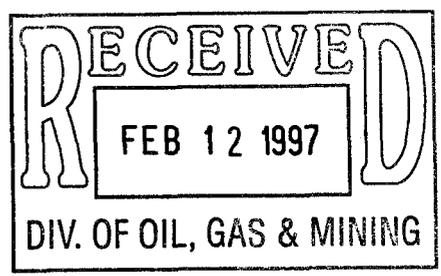
- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity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

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

J.C. Janner
Signature

Computer Systems Opr. 2/11/97
Title Date

Phone No. (801) 781-4300



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

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

5. LEASE DESIGNATION AND SERIAL NO.
SL-071745

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL OIL WELL GAS WELL DRY Other WATER INJECTION

7. UNIT AGREEMENT NAME
BRENNAN BOTTOM UNIT

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

8. FARM OR LEASE NAME

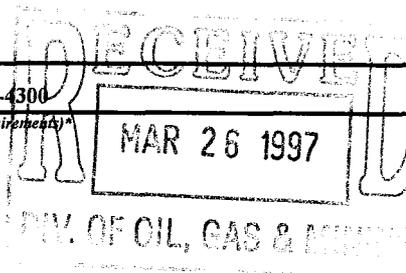
2. NAME OF OPERATOR
CHEVRON USA PRODUCTION CO., INC.

9. WELL NO.
BRENNAN FEDERAL #11

3. ADDRESS OF OPERATOR
11002 EAST 17500 SOUTH, VERNAL, UT 84078 801-781-4300

10. FIELD AND POOL, OR WILDCAT
BRENNAN BOTTOM - GREEN RIVER

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 649' FSL, 1886' FWL, SESW
At top rod. interval reported below SAME
At total depth SAME



11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 18-T7S-R21E, SLBM

14. PERMIT NO. 43-047-32772	DATE ISSUED 11/15/96	12. COUNTY OR PARISH UINTAH	13. STATE UT
--------------------------------	-------------------------	--------------------------------	-----------------

15. DATE SPUDDED 2/9/97	16. DATE T.D. REACHED 2/23/97	17. DATE COMPL. (Ready to prod.) 3/12/97	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4753' KB, 4739' GL	19. ELEV. CASINGHEAD
----------------------------	----------------------------------	---	---	----------------------

20. TOTAL DEPTH, MD & TVD 7183'	21. PLUG BACK T.D., MD & TVD 7132'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS
------------------------------------	---------------------------------------	-----------------------------------	---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
6625' TO 6867' GREEN RIVER

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN ^{CBL} COMPENSATED B-DEUSILOG COMP NEUTRON GR XY CALIPER WAS WELL CORED
DUAL INDUCTION FOCUSED LOG 6R CALIPER, MAGNETIC RESONANCE IMAGING LOG

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# K-55	660	12-1/4	400 SX. PREMIUM V	NA
5-1/2	17# L-80	7177	7-7/8	600 SX. CLASS H HI-FILL LEAD; 490 SX. CLASS H TAIL	NA

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	6550	6550

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6625-29' G1 LIME	6625-29'	2500 GAL. 28% HCL
6861-67' H4A LIME	6861-67'	2500 GAL. 28% HCL
ALL PERFORATIONS 4 JSPF, 90° PHASING		

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
	NOTE - SURFACE INJECTION FACILITIES STILL UNDER CONSTRUCTION.	SHUT-IN					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)	

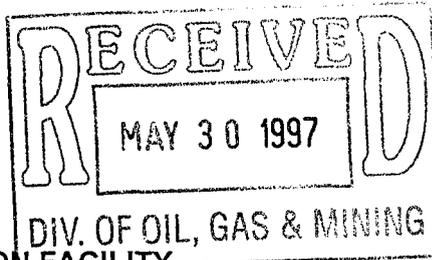
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

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 R.A.Griffin TITLE Geo-Tech DATE 24 March 1997

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, flowing and shut-in pressures, and recoveries):		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH
Uinta	Surface	3474	
Green River	3474	6970	4816 6623 6860
Wasatch	6970	TD	
			<p>No Core</p> <p>No DSTs</p> <p>LOG DESCRIPTION (From Page 1) GRFC.API 0 310 1 1:Gamma ray counts DRFC.G/C3 0 356 99 1:ZDL Correction CAFC.0 0 0 1:Calliper D275.PU 0 890 99 1:Porosity from ZDEN PEFC.BARN 0 995 99 1:Photo Electric cross section RBFC.G/C3 0 350 1 1:ZDL Bulk Density RDDI.OHMM 0 120 46 1:Resistivity from CILD RMDI.OHMM 0 120 44 1:Resistivity from CILM RSDI.OHMM 0 220 6 1:Resistivity from CFOC LMCN.PU 0 995 99 1:CNC corrected to Field Normalized transform SPDI.MV 0 10 1 1:Spontaneous Potential MRIL - Magnetic Resonance Image Log GR-CBL-CCL - Gamma Ray Cement Bond Log</p>



Chevron

MAY 29, 1997

COMPLETION OF INJECTION FACILITY
BRENNAN BOTTOM UNIT
UINTAH COUNTY, UTAH

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
Red Wash Asset Team
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

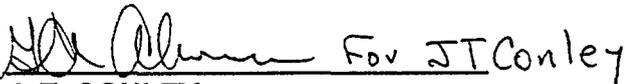
MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
EFT-T

Dear Mr. Carson:

Please be advised that water injection facilities at Brennan Bottom Unit were completed and placed in service on May 28, 1997. Initial water injection rates and surface injection pressures were as follows for the two Class II ER wells involved:

BRENNAN FED. #5	UT2807-04341	675 BWIPD	1300 PSI
BRENNAN FED. #11	UT2807-04342	680 BWIPD	1700 PSI

Sincerely,


J. T. CONLEY
RED WASH ASSET TEAM LEADER

Enclosure

cc: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

● Mechanical Integrity Test ● Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
333 18th Street, Suite 500, Denver, CO 80202-2466

CUSA
EPA Witness: GREG PATTMAN Date 7/2/97 Time ~ 11:00 am pm
Test conducted by: GREG PATTMAN (CUSA), ED GUDAC (GUDAC BROTHERS)
Others present: RANDY BYWATER (BUM)

Well: BRENNAN FED. #11 43-047-32772 Well ID: UT 2807-01342
Field: BRENNAN BOTTOM Company: CUSA
Well Location: SESW Sec 18-T7S-R21E Address: 11002 EAST 17500 South
VERNAL UTAH
82078-0526

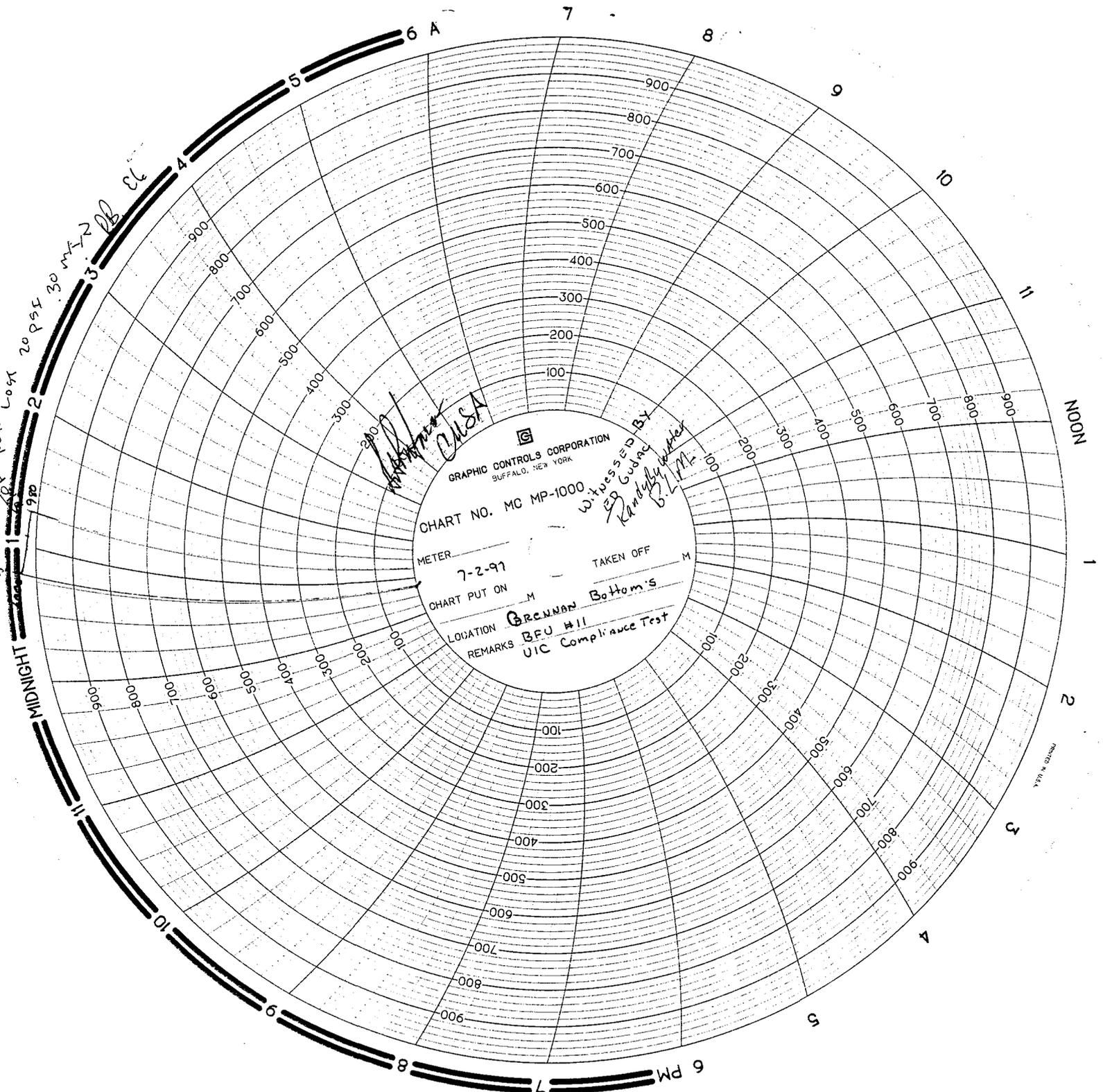
Time	Test #1	Test #2	Test #3
0 min	<u>1000</u> psig	_____ psig	_____ psig
5	<u>990</u>	_____	_____
10	<u>985</u>	_____	_____
15	<u>985</u>	_____	_____
20	<u>985</u>	_____	_____
25	<u>980</u>	_____	_____
30 min	<u>980</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____

Tubing press _____ psig _____ psig _____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: *CUSA* Greg A. Pattman 7/2/97 CUSA

See back of page for any additional comments & compliance followup.



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER 7-2-97

TAKEN OFF M

CHART PUT ON M

LOCATION **GREENAW Bottom's**

REMARKS **BFU #11
UIC Compliance Test**

WITNESSED BY
Ed Godac
Randy Bottom's
6/17/71

[Handwritten signature]
CLSA

Log
2
3
4
5
6
7
8
9
10
11
12
MIDNIGHT

17718-0200

JULY 7, 1997

BRENNAN FEDERAL #11
EPA ID# UT2807-04342
BRENNAN BOTTOM UNIT
UINTAH COUNTY, UTAH

MIT



43-047-32772
Chevron

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
Red Wash Asset Team
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
EFT-T

Dear Mr. Carson:

Recent UIC Compliance repairs for the subject well are documented by the enclosed. Hydrotesting revealed leaks at two collars in the injection string. The well successfully passed the MIT and is ready to resume injection pending your review. If you have any questions or comments, please contact Steven McPherson at 801-781-4310.

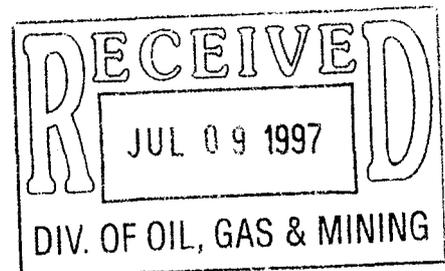
Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

Enclosure

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078





WELL REWORK RECORD

RECEIVED
JUL 09 1997

NAME AND ADDRESS OF PERMITTEE
CHEVRON USA PRODUCTION CO., INC.
11002 EAST 17500 SOUTH
VERNAL, UT 84078-8526

NAME AND ADDRESS OF CONTRACTOR
GUDAC BROTHERS, INC.
P. O. BOX 369
VERNAL, UT 84078

DEPT. OF OIL, GAS & MINING
PERMIT NUMBER
UT2807-04342

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT -- 640 ACRES

STATE
UTAH

COUNTY
UINTAH

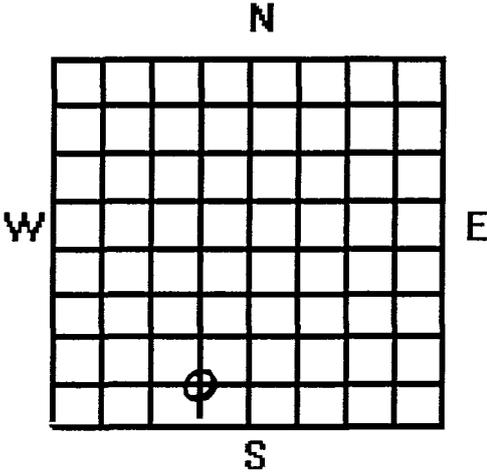
SURFACE LOCATION DESCRIPTION

SE 1/4 OF SW 1/4 OF 1/4 SECTION 18 TOWNSHIP 7S RANGE 21E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface
Location 649 ft. from (N/S) S Line of quarter section
and 1886 ft. from (E/W) W Line of quarter section

43-047-32772
Brennan Fed. 11



WELL ACTIVITY
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage

Total Depth Before Rework
7183'
 Total Depth After Rework
7183'

TYPE OF PERMIT
 Individual
 Area
 Number of Wells 2

Lease Name
BRENNAN FEDERAL
 Date Rework Commenced
7/1/97
 Date Rework Completed
7/2/97

Well Number
11

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	660'	400	H	N.A.		
5-1/2"	7177'	1090	H	6625'	6629'	2500 GAL. 28% HCL
				6861'	6867'	2500 GAL. 28% HCL

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

**DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY**

WIRE LINE LOGS. LIST EACH TYPE

- RELEASED PACKER AND PULLED EQUIPMENT.
 - HYDROTESTED EQUIPMENT BACK IN HOLE AS PULLED - I
- LEAKS FOUND AT TWO COLLARS.
RESET PACKER AND CONDUCTED MIT. RDMO.

Log Types Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)
J. T. CONLEY
RED WASH ASSET TEAM LEADER

SIGNATURE
J. T. Conley

DATE SIGNED
7-7-97

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
599 18th Street, Suite 500, Denver, CO 80202-2466

CUSA
EPA Witness: Greg Pittman Date 7/2/97 Time ~ 11:00 am/pm
Test conducted by: Greg Pittman (CUSA), Ed Gudac (Gudac Brothers)
Others present: Randy Bywater (BLM)

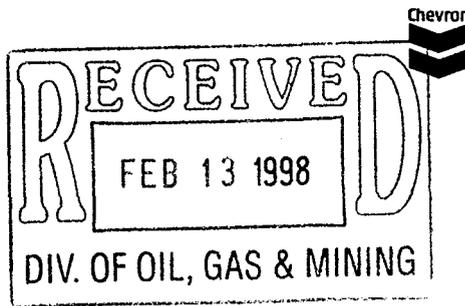
Well: <u>BRENNAN FED. #11</u>	Well ID: <u>UT 2807-01342</u>
Field: <u>BRENNAN BOTTOM</u>	Company: <u>CUSA</u>
Well Location: <u>SESW Sec 18-T 75 - R21E</u>	Address: <u>11002 EAST 17500 South</u> <u>VERMILION UTAH</u> <u>84078-0526</u>

Time	Test #1	Test #2	Test #3
0 min	<u>1000</u> psig	_____ psig	_____ psig
5	<u>990</u>	_____	_____
10	<u>985</u>	_____	_____
15	<u>985</u>	_____	_____
20	<u>985</u>	_____	_____
25	<u>980</u>	_____	_____
30 min	<u>980</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	_____ psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail
Signature of EPA Witness: Greg A Pittman 7/2/97 CUSA
See back of page for any additional comments & compliance followup.

FEBRUARY 11, 1998

BRENNAN FEDERAL #5
UT2807-04341
BRENNAN FEDERAL #11
UT2807-04342
BRENNAN BOTTOM UNIT
UINTAH COUNTY, UTAH



Chevron

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. CHUCK WILLIAMS
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW

Dear Mr. Williams:

The enclosed documents a step-rate test conducted on Brennan Federal #5. Injection rates have dropped significantly at the Unit's two water injectors during the past few months due to rising reservoir pressure. The fact that Brennan Federal #11 takes virtually no fluid at its current maximum injection pressure demonstrates that the fracture gradient needs adjusted. The system was shut-down for slightly more than 48 hours before the test, slightly increasing the proportion of produced formation water to fresh river supply. **Based on the following parameters, we calculate a current fracture gradient of approximately 0.783 psi/ft.:**

Water density used for test:	8.4 ppg
Fresh water gradient:	0.433 psi/ft.
Depth to top perforation:	6714'
Instantaneous shut-in pressure:	2325 psi

Based on this fracture gradient and a water specific gravity of 1.0013 during normal operations, we calculate revised maximum allowable injection pressures of 2346 psi for Brennan Federal #5 and 2315 psi for Brennan Federal #11 (top perforation at 6625'). We request EPA authorization to apply these values for daily operations at Brennan Bottom Unit.

Please contact Steven McPherson at (435) 781-4310 with any questions or additional information needs you may have.

Sincerely,

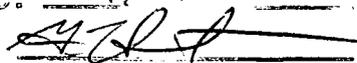


J. T. CONLEY
RED WASH ASSET TEAM LEADER

Enclosures

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 2-19-98

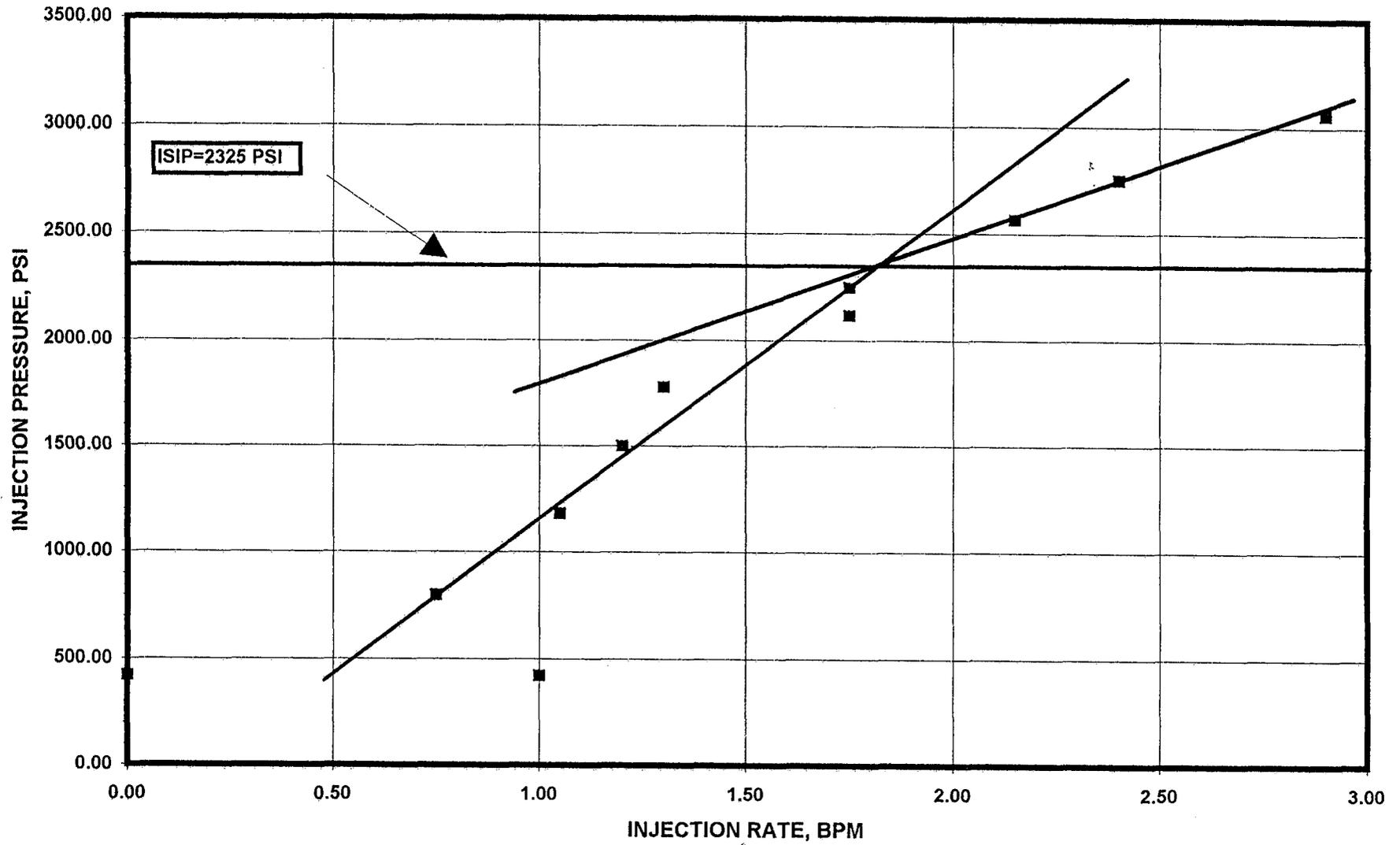
By: 

cc

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn: Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

BRENNAN FEDERAL #5
2/11/98 STEP-RATE TEST RESULTS



TICKET #	06226	TICKET DATE	2-11-98
BDA / STATE	UTAH	COUNTY	UTAH
PSL DEPARTMENT	5001		
CUSTOMER REF/PHONE	GREL/RUSSEL		
API / UWI #			
JOB PURPOSE CODE			

REGION	North America	NWA/COUNTRY	ROMANIA
MBU ID / EMP #	VE0104	EMPLOYEE NAME	JOHN DIRZWEIT
LOCATION	VERNAL	COMPANY	CHEVRON
TICKET AMOUNT		WELL TYPE	07
WELL LOCATION	PELICAN LAKE	DEPARTMENT	
LEASE / WELL #	ROEMMAN BOTTOMS #5	SEC / TWP / RNG	

| HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS |
|--|--|--|--|
| J DIRZWEIT | | | |
| M HARTY | | | |

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
2-11	0430							CALLED OUT
	0600							ON LOG - RIL UP
	0639					425		OPEN WELL TO IRR FOR INITIAL PRESS
	0831	1	0			425		START INJ TEST
	0851	1.5				800		PRESSURE + RATE
	0900	1.25				1100		"
	0931	1.2				1500		"
	0947	1.3				1700		"
	0957	1.35				2100		"
	1006	1.35				2250		"
	1021	1.35				2500		"
	1026	1.4				2550		"
	1110	1.4				2060		"
	1115	1				2335		ISIP
	1122	1				2060		15 MIN SWAT IN
	1125							END JOB

THANK

JOHN & MIKE



CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 984104

Date: 02/02/98

CUSTOMER: Chevron USA, Inc.

PROJECT: M6PR 071493

ATTN: MIKE ALEXANDER

Customer Sample ID: Brennan Bottom, Water Injection
Date Sampled.....:
Time Sampled.....:
Sample Matrix.....: Water

Laboratory Sample ID: 984104-2
Date Received.....: 01/23/98
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 160.1	Solids, Total Dissolved (TDS), Total	760		10	mg/L	01/26/98	mja
EPA 120.1	Specific Conductivity @ 25 degrees C, Total	1220		1	umhos/cm	01/27/98	mja
ASTM 1429-86	Specific Gravity, Total	1.0013		0.0001	g/cm3 @25C	01/29/98	adf
EPA 150.1	pH	7.38		0.01	pH Units	01/23/98	mja



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 17th Street, Suite 1000
Denver, Colorado 80202

Re: Brennan Bottom 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 Brennan Bottom 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 Brennan Bottom Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Brennan Bottom 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 - Brennan Bottom Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: _____ API no. _____

Well location: QQ _____ section _____ township _____ range _____ county _____

Effective Date of Transfer: _____

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski Company Chevron Production Co.

Signature [Signature] Address 100 Chevron Rd.

Title Unit Manager Rangely, Colo. 81648

Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.

Signature [Signature] Address 11002 E. 17500 S.

Title District Manager Vernal, UT 84078

Date 7-21-00 Phone (435) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-15-00

RECEIVED

AUG 9 2000

DIVISION OF
OIL, GAS AND MINING

SHENANDOAH ENERGY INC.

11002 E. 17500 S.
VERNAL, UT 84078
PHONE: (435) 781-4300
FAX: (435) 781-4329

RW #48 (32-19B)	SWNE-19-7S-23E	43-047-15174
RW #60 (43-30B)	NESE-30-7S-23E	43-047-15184
RW #213 (41-33B)	NENE-33-7S-23E	43-047-20060

WONSITS VALLEY FEDERAL UNIT

WVFU #120	NENW-22-8S-21E	43-047-32462
WVFU#140	NWNW-15-8S-21E	43-047-31707
WVFU #143	NWSE-10-8S-21E	43-047-31808
WVFU #16	NENE-15-8S-21E	43-047-15447
WVFU #21	NENE-16-8S-21E	43-047-15452
WVFU #28-2	NESW-11-8S-21E	43-047-31524
WVFU #31	NENW-14-8S-21E	43-047-15460
WVFU #35	NESW-14-8S-21E	43-047-15463
WVFU #36	NESW-10-8S-21E	43-047-15464
WVFU #40-2	NESE-10-8S-21E	43-047-31798
WVFU #41	NENW-15-8S-21E	43-047-15496
WVFU #50	SWNE-15-8S-21E	43-047-15477
WVFU #59	SWNW-14-8S-21E	43-047-20018
WVFU #60	SWSE-15-8S-21E	43-047-20019
WVFU #67	NESW-15-8S-21E	43-047-20043
WVFU #68	NESE-15-8S-21E	43-047-20047
WVFU #71-2	SWSW-15-8S-21E	43-047-32449
WVFU #73	NESE-16-8S-21E	43-047-20066
WVFU #97	NWSW-11-8S-21E	43-047-30014
WVFU #9	NESE-12-8S-21E	43-047-15440
WVFU #126	NWNE-21-8S-21E	43-047-30796
WVFU #72	SWSW-16-8S-21E	43-047-20058
WVFU #78	NESW-16-8S-21E	43-047-20115

GYPSUM HILLS UNIT

GHU #10	NWSE-21-8S-20E	43-047-32306
GHU #12	NESE-19-8S-21E	43-047-32458
GHU#15	SWSW-20-8S-21E	43-047-32648
GHU#17	SWSE-20-8S-21E	43-047-32649
GHU #3	NENE-20-8S-21E	43-047-20002
GHU #6	NENW-20-8S-21E	43-047-30099
GHU #8-1	SWNE-20-8S-21E	43-047-31932

COSTAS FEDERAL

COSTAS FED #1-20-4B	NESW-20-8S-21E	43-047-31006
COSTAS FED #2-20-3B	NESE-20-8S-21E	
COSTAS FED 33-21-1D	SWNW-21-8S-21E	43-047-31604

BRENNAN BOTTOM UNIT

BRENNAN FED #5	SENW-18-7S-21E	43-047-15420
BRENNAN FED #11	SESW-18-7S-21E	43-047-32772

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted on: _____

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: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/15/2000

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/15/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/15/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond on: 06/05/2000

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

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: 08/15/2000

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3-5-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS:

Well	Lease	API Number	Status	Type	Location for Sundry an
BRENNAN FEDERAL 1	U-065342	43-047-15417	A	OIL	1980' FSL & 660' FEL (NE SE) SECTION 13, T7S, R1E
BRENNAN FEDERAL 5	SL-071745	43-047-15420	A	INJ	1969' FNL & 1833' FWL (SE NW) SECTION 18, T7S, R1E
BRENNAN FEDERAL 6	FEE	43-047-30109	A	OIL	835' FNL & 591' FWL (NWNW) SECTION 19, T7S, R1E
BRENNAN FEDERAL 9	U-071745	43-047-32477	A	OIL	1980' FSL & 1980' FEL (NW SE) SECTION 18, T7S, R1E
BRENNAN FEDERAL 10	ML-3068	43-047-32771	A	OIL	660' FNL & 1980' FEL (NW NE) SECTION 19, T7S, R1E
BRENNAN FEDERAL 11	U-071745	43-047-32772	A	INJ	649' FSL & 1886' FWL (SE SW) SECTION 18, T7S, R1E
BRENNAN FEDERAL 12	U-046	43-047-32779	A	OIL	726' FNL & 2200' FEL (NWNW) SECTION 18, T7S, R1E
BRENNAN FEDERAL 14	U-046	43-047-32774	A	OIL	744' FNL & 461' FWL (NW NW) SECTION 18, T7S, R1E



Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

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

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JUN 02 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Brennan Bottom 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 Brennan Bottom 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 Brennan Bottom Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Brennan Bottom 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 – Brennan Bottom Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

OPERATOR CHANGE WORKSHEET

ROUTING

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:		2/1/2003
FROM: (Old Operator):	TO: (New Operator):	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	

CA No. Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
BRENNAN BOTTOM UNIT									
BRENNAN FED 5	18	070S	210E	4304715420	5261	Federal	WI	A	
BRENNAN FED 11	18	070S	210E	4304732772	5261	Federal	WI	A	
GLEN BENCH UNIT									
GLEN BENCH ST 12-16	16	080S	220E	4304732583	13727	State	WI	A	
GLEN BENCH ST 6-16	16	080S	220E	4304732549	13727	State	WI	A	
GLEN BENCH ST 7-16	16	080S	220E	4304732582	13727	State	WI	A	
GLEN BENCH U 15-19-8-22	19	080S	220E	4304732756	13727	Federal	WI	A	
GLEN BENCH FED 22-20	20	080S	220E	4304731356	13727	Federal	WI	A	
GYPSUM HILLS UNIT									
GYPSUM HILLS 12	19	080S	210E	4304732458	5355	Federal	WI	A	
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	
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-I	20	080S	210E	4304731932	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	

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

5. If NO, the operator was contacted 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: 9/10/2003

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 9/16/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/16/2003
- 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:

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th 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
MFO

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>	API Number
Location of Well Footage : County : <u>Wintah</u> QQ, Section, Township, Range:	Field or Unit Name <u>Brennan Bottom</u> Lease Designation and Number State : <u>UTAH</u>

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: <u>Shenandoah Energy Inc.</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u> <u>city Vernal state UT zip 84078</u>	Signature: <u>John Busch</u>
Phone: <u>(435) 781-4300</u>	Title: <u>District Foreman</u>
Comments:	Date: <u>9-02-03</u>

NEW OPERATOR

Company: <u>QEP Uinta Basin, Inc.</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u> <u>city Vernal state UT zip 84078</u>	Signature: <u>John Busch</u>
Phone: _____	Title: <u>District Foreman</u>
Comments:	Date: <u>9-02-03</u>

(This space for State use only)

Transfer approved by: [Signature]
Title: Field Services Manager

Approval Date: 9/10/03

Comments: Cause #236-01
Located in Indian Country, EPA
is primary UIC Agency.

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SEP 04 2003

DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
BRENNAN FED 5	18	070S	210E	4304715420	5261	Federal	WI	A	Brennan Bottom	1969 FNL, 1833' FWL
BRENNAN FED 11	18	070S	210E	4304732772	5261	Federal	WI	A	Brennan Bottom	649 FSL, 1886 FWL

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

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

CA No.		Unit:		BRENNAN BOTTOM UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
BRENNAN BOTTOM 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
BRENNAN FED 1	BRENNAN 1	NESE	13	070S	200E	4304715417	5261	Federal	OW	P
BRENNAN FED 3	BRENNAN 3	NESE	17	070S	210E	4304715419	10750	Federal	OW	P
BRENNAN FED 5	BRENNAN 5	SESW	18	070S	210E	4304715420	5261	Federal	WI	A
GULF BRENNAN FED 8	BRENNAN 8	SWSE	17	070S	210E	4304731509	5290	Federal	OW	P
BRENNAN FED 9	BRENNAN 9	NWSE	18	070S	210E	4304732477	5261	Federal	OW	P
BRENNAN FED 11	BRENNAN 11	SESW	18	070S	210E	4304732772	5261	Federal	WI	A
BRENNAN 14	BRENNAN 14	NWNW	18	070S	210E	4304732774	5261	Federal	OW	P
BRENNAN FED 12	BRENNAN 12	NWNE	18	070S	210E	4304732779	5261	Federal	OW	S
BBW 11G-20-7-21	BBW 11G-20-7-21	NESW	20	070S	210E	4304736516	15176	Federal	OW	P
BRENNAN FED 6	BRENNAN 6	NWNW	19	070S	210E	4304730109	5261	Fee	OW	P
BRENNAN FED 10	BRENNAN 10	NWNE	19	070S	210E	4304732771	5261	State	OW	P

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.

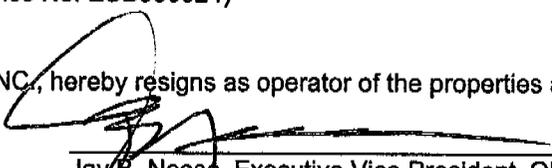
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street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

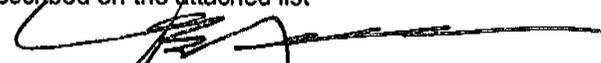
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

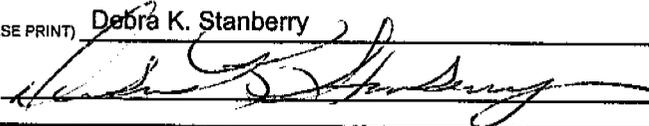
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/>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

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

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
 Utah State Bond Number: 965003033
 Fee Land Bond Number: 965003033
 Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.
 Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list


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

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

(This space for State use only)

RECEIVED
APR 19 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.

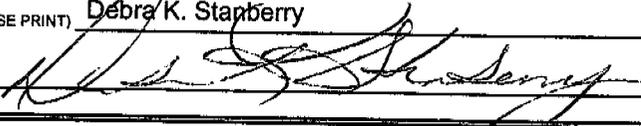
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street 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. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>4/17/2007</u>

(This space for State use only)

RECEIVED
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: Brennan Bottom 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 Brennan Bottom 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 Brennan Bottom Unit Agreement.

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

UT922:TAThompson:tt:4/23/07

RECEIVED

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

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

CA No. Unit: BRENNAN BOTTOM

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BRENNAN 5	18	070S	210E	4304715420	5261	Federal	WI	A
BRENNAN 11	18	070S	210E	4304732772	5261	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached

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

7. UNIT or CA AGREEMENT NAME:
See attached

8. WELL NAME and NUMBER:
See attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See attached

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

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

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

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

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

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

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

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

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

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst
SIGNATURE *Morgan Anderson* DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010

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



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

Roger 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

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

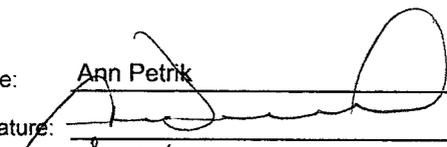
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

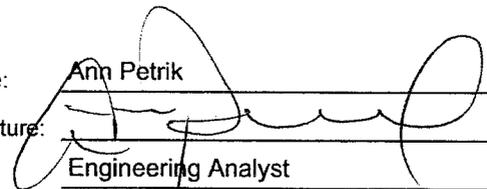
Well Name and Number See Attached List	API Number Attached
Location of Well Footage : Attached County : QQ. Section, Township, Range:	Field or Unit Name Attached Lease Designation and Number Attached
	State : UTAH

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: Questar Exploration and Production Company Name: Ann Petrik
Address: 1050 17th Street, Suite 500 Signature: 
city Denver state CO zip 80265 Title: Engineering Analyst
Phone: (303) 672-6900 Date: 6/28/2010
Comments:

NEW OPERATOR

Company: QEP Energy Company Name: Ann Petrik
Address: 1050 17th Street, Suite 500 Signature: 
city Denver state CO zip 80265 Title: Engineering Analyst
Phone: (303) 672-6900 Date: 6/28/2010
Comments:

(This space for State use only)

Transfer approved by: _____

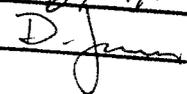
Approval Date: _____

Title: _____

Comments:

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 6/29/10

By: 

EPA approved well

RECEIVED

JUN 28 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-071745
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: BRENNAN BOTTOM
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: BRENNAN 11
2. NAME OF OPERATOR: QEP ENERGY COMPANY		9. API NUMBER: 43047327720000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext	9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0649 FSL 1886 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 07.0S Range: 21.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP Energy Company has moved the packer on the Brennan #11 well to isolate injection to a single injection zone, rather than the dual injection zone approved on the original permit. The new packer was set at 6,545 feet. Please see the attached revised wellbore diagram and Pressure Test Chart and Casing or Annulus Pressure Test form recorded from the MIT performed on 10/20/2014.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 27, 2014		
NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 303 260-6745	TITLE Sr. Regulatory Affairs Analyst
SIGNATURE N/A		DATE 10/21/2014

MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NONE DATE: 10/20/2014 TIME: 12:00 AM PM

TEST CONDUCTED BY: TONY JENNE QEP ENERGY COMPANY

OTHERS PRESENT: SCOTT EBELING K&E HOT OIL
API NUMBER- 43-047-32772 EPA ID NUMBER- UT2807-04342

WELL NAME: <u>BRENNAN 11</u>		TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input type="checkbox"/> TA <input checked="" type="checkbox"/> UC
FIELD: <u>BRENNAN BOTTOMS</u>		LEASE: <u>UTSL 071745</u>	
WELL LOCATION: <u>SE/4, SW/4, SEC. 18, T7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S		UNIT: <u>89100556A</u>	
OPERATOR: <u>QEP ENERGY COMPANY</u>		<input checked="" type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
LAST MIT: <u>2/15/2012</u>	MAXIMUM ALLOWABLE PRESSURE: <u>2325</u>	PSIG	

IS THIS A REGULAR SCHEDULED TEST? YES NO

INITIAL TEST FOR PERMIT? YES NO

TEST AFTER WELL WORK? YES NO

WELL INJECTING DURING TEST? YES NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: _____ 0 :PSIG

MIT DATA TABLE TUBING	TEST #1 PRESSURE	TEST #2	TEST #3
INITIAL PRESSURE	<u>930</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>935</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	<u>1109.9</u> PSIG	<u>935.8</u> PSIG	PSIG
5 MINUTES	<u>1105.4</u> PSIG	<u>935.4</u> PSIG	PSIG
10 MINUTES	<u>1103.6</u> PSIG	<u>935.4</u> PSIG	PSIG
15 MINUTES	<u>1102.4</u> PSIG	<u>935.6</u> PSIG	PSIG
20 MINUTES	<u>1101.5</u> PSIG	<u>935.8</u> PSIG	PSIG
25 MINUTES	<u>1100.8</u> PSIG	<u>936</u> PSIG	PSIG
30 MINUTES	<u>1100.3</u> PSIG	<u>936.2</u> PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG

RESULT PASS FAIL PASS FAIL PASS FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? YES NO

QEP ENERGY COMPANY**BRENNAN 11****OCTOBER 20, 2014**

3000 PSIG

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:13:42	0		87
10/20/2014	12:13:58	0		89
10/20/2014	12:14:14	0		89
10/20/2014	12:14:30	72.83		89
10/20/2014	12:14:46	341.68		89
10/20/2014	12:15:02	345.27		89
10/20/2014	12:15:18	334.86		89
10/20/2014	12:15:34	336.72		89
10/20/2014	12:15:50	337.34		89
10/20/2014	12:16:06	336.72		89
10/20/2014	12:16:22	336.19		89
10/20/2014	12:16:38	336.07		89
10/20/2014	12:16:54	336.01		89
10/20/2014	12:17:10	329.87		89
10/20/2014	12:17:26	13.635		89
10/20/2014	12:17:42	0		89
10/20/2014	12:17:58	0		89
10/20/2014	12:18:14	0		89
10/20/2014	12:18:30	0		89
10/20/2014	12:18:46	0		89
10/20/2014	12:19:02	0		89
10/20/2014	12:19:18	0		89
10/20/2014	12:19:34	0		89
10/20/2014	12:19:50	0		91
10/20/2014	12:20:06	0		91
10/20/2014	12:20:22	0		91
10/20/2014	12:20:38	0		91
10/20/2014	12:20:54	0		91
10/20/2014	12:21:10	0		91
10/20/2014	12:21:26	0		91
10/20/2014	12:21:42	0		91
10/20/2014	12:21:58	0		91
10/20/2014	12:22:14	0		91
10/20/2014	12:22:30	0		91
10/20/2014	12:22:46	0		91
10/20/2014	12:23:02	0		93
10/20/2014	12:23:18	0		93
10/20/2014	12:23:34	0		93
10/20/2014	12:23:50	0		93
10/20/2014	12:24:06	6.231		93
10/20/2014	12:24:22	191.79		93
10/20/2014	12:24:38	418.16		93

QEP ENERGY COMPANY**BRENNAN 11****OCTOBER 20, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:24:54	71.04		93
10/20/2014	12:25:10	0		93
10/20/2014	12:25:26	0		93
10/20/2014	12:25:42	0		93
10/20/2014	12:25:58	0		93
10/20/2014	12:26:14	0		93
10/20/2014	12:26:30	0		93
10/20/2014	12:26:46	0		93
10/20/2014	12:27:02	132.91		93
10/20/2014	12:27:18	386.74		93
10/20/2014	12:27:34	549.5		93
10/20/2014	12:27:50	531.1		93
10/20/2014	12:28:06	518		93
10/20/2014	12:28:22	509.9		93
10/20/2014	12:28:38	502.2		93
10/20/2014	12:28:54	518		93
10/20/2014	12:29:10	715.8		93
10/20/2014	12:29:26	953.9		93
10/20/2014	12:29:42	1117.7		93
10/20/2014	12:29:58	1119.1		93
10/20/2014	12:30:14	1109		93
10/20/2014	12:30:30	1110.4		93
10/20/2014	12:30:46	1111.4		93
10/20/2014	12:31:02	1109.9	935.8	93
10/20/2014	12:31:18	1109.5		93
10/20/2014	12:31:34	1109.4		93
10/20/2014	12:31:50	1108.9		93
10/20/2014	12:32:06	1108.6		93
10/20/2014	12:32:22	1108.3		93
10/20/2014	12:32:38	1108		93
10/20/2014	12:32:54	1107.8		93
10/20/2014	12:33:10	1107.5		93
10/20/2014	12:33:26	1107.3		93
10/20/2014	12:33:42	1107.1		93
10/20/2014	12:33:58	1106.9		93
10/20/2014	12:34:14	1106.7		93
10/20/2014	12:34:30	1106.5		93
10/20/2014	12:34:46	1106.3		93
10/20/2014	12:35:02	1106.2		93
10/20/2014	12:35:18	1106		93
10/20/2014	12:35:34	1105.9		93
10/20/2014	12:35:50	1105.7		93
10/20/2014	12:36:06	1105.6		93
10/20/2014	12:36:22	1105.4	935.4	93

QEP ENERGY COMPANY**BRENNAN 11****OCTOBER 20, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:36:38	1105.3		93
10/20/2014	12:36:54	1105.2		93
10/20/2014	12:37:10	1105.1		93
10/20/2014	12:37:26	1105		93
10/20/2014	12:37:42	1104.8		93
10/20/2014	12:37:58	1104.7		93
10/20/2014	12:38:14	1104.6		93
10/20/2014	12:38:30	1104.5		93
10/20/2014	12:38:46	1104.4		93
10/20/2014	12:39:02	1104.3		93
10/20/2014	12:39:18	1104.2		93
10/20/2014	12:39:34	1104.1		93
10/20/2014	12:39:50	1104.1		93
10/20/2014	12:40:06	1104		93
10/20/2014	12:40:22	1103.9		93
10/20/2014	12:40:38	1103.8		93
10/20/2014	12:40:54	1103.7		93
10/20/2014	12:41:10	1103.6		93
10/20/2014	12:41:26	1103.6	935.4	93
10/20/2014	12:41:42	1103.5		93
10/20/2014	12:41:58	1103.4		93
10/20/2014	12:42:14	1103.3		93
10/20/2014	12:42:30	1103.3		93
10/20/2014	12:42:46	1103.2		93
10/20/2014	12:43:02	1103.2		93
10/20/2014	12:43:18	1103.1		93
10/20/2014	12:43:34	1103		93
10/20/2014	12:43:50	1102.9		93
10/20/2014	12:44:06	1102.9		93
10/20/2014	12:44:22	1102.8		93
10/20/2014	12:44:38	1102.8		93
10/20/2014	12:44:54	1102.7		93
10/20/2014	12:45:10	1102.7		93
10/20/2014	12:45:26	1102.6		93
10/20/2014	12:45:42	1102.6		93
10/20/2014	12:45:58	1102.5		93
10/20/2014	12:46:14	1102.4		95
10/20/2014	12:46:30	1102.4	935.6	95
10/20/2014	12:46:46	1102.3		95
10/20/2014	12:47:02	1102.3		95
10/20/2014	12:47:18	1102.2		95
10/20/2014	12:47:34	1102.2		95
10/20/2014	12:47:50	1102.1		95
10/20/2014	12:48:06	1102.1		95

QEP ENERGY COMPANY**BRENNAN 11****OCTOBER 20, 2014**

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:48:22	1102		95
10/20/2014	12:48:38	1102		95
10/20/2014	12:48:54	1101.9		95
10/20/2014	12:49:10	1101.9		95
10/20/2014	12:49:26	1101.8		95
10/20/2014	12:49:42	1101.8		95
10/20/2014	12:49:58	1101.8		95
10/20/2014	12:50:14	1101.7		95
10/20/2014	12:50:30	1101.7		95
10/20/2014	12:50:46	1101.6		95
10/20/2014	12:51:02	1101.6		95
10/20/2014	12:51:18	1101.6		95
10/20/2014	12:51:34	1101.5	935.8	95
10/20/2014	12:51:50	1101.5		95
10/20/2014	12:52:06	1101.4		95
10/20/2014	12:52:22	1101.4		95
10/20/2014	12:52:38	1101.3		95
10/20/2014	12:52:54	1101.3		95
10/20/2014	12:53:10	1101.3		95
10/20/2014	12:53:26	1101.2		95
10/20/2014	12:53:42	1101.2		95
10/20/2014	12:53:58	1101.2		95
10/20/2014	12:54:14	1101.1		95
10/20/2014	12:54:30	1101.1		93
10/20/2014	12:54:46	1101.1		93
10/20/2014	12:55:02	1101.1		93
10/20/2014	12:55:18	1101		93
10/20/2014	12:55:34	1101		93
10/20/2014	12:55:50	1100.9		93
10/20/2014	12:56:06	1100.9		93
10/20/2014	12:56:22	1100.9		93
10/20/2014	12:56:38	1100.8	936	93
10/20/2014	12:56:54	1100.8		93
10/20/2014	12:57:10	1100.8		93
10/20/2014	12:57:26	1100.7		93
10/20/2014	12:57:42	1100.7		93
10/20/2014	12:57:58	1100.7		93
10/20/2014	12:58:14	1100.6		93
10/20/2014	12:58:30	1100.6		93
10/20/2014	12:58:46	1100.6		93
10/20/2014	12:59:02	1100.6		93
10/20/2014	12:59:18	1100.5		93
10/20/2014	12:59:34	1100.5		93
10/20/2014	12:59:50	1100.5		93

QEP ENERGY COMPANY**BRENNAN 11****OCTOBER 20, 2014**

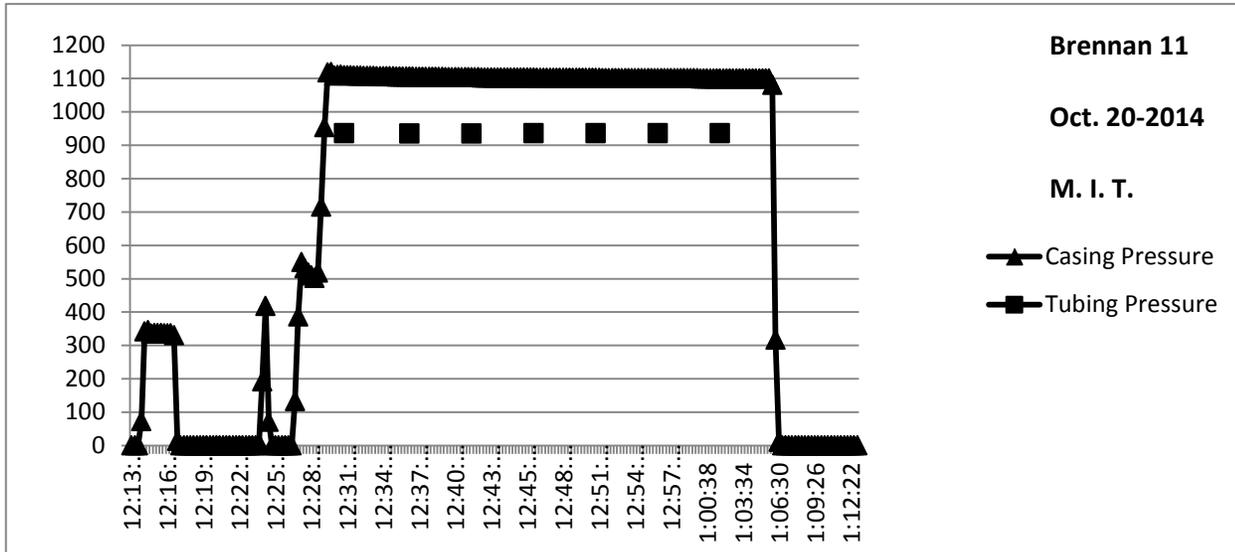
Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	1:00:06	1100.4		93
10/20/2014	1:00:22	1100.4		93
10/20/2014	1:00:38	1100.4		93
10/20/2014	1:00:54	1100.3		93
10/20/2014	1:01:10	1100.3		93
10/20/2014	1:01:26	1100.3		93
10/20/2014	1:01:42	1100.3	936.2	93
10/20/2014	1:01:58	1100.2		93
10/20/2014	1:02:14	1100.2		93
10/20/2014	1:02:30	1100.2		93
10/20/2014	1:02:46	1100.2		93
10/20/2014	1:03:02	1100.1		93
10/20/2014	1:03:18	1100.1		93
10/20/2014	1:03:34	1100.1		93
10/20/2014	1:03:50	1100		93
10/20/2014	1:04:06	1100		93
10/20/2014	1:04:22	1100		93
10/20/2014	1:04:38	1100		93
10/20/2014	1:04:54	1099.9		93
10/20/2014	1:05:10	1099.9		93
10/20/2014	1:05:26	1099.9		93
10/20/2014	1:05:42	1099.9		93
10/20/2014	1:05:58	1080.8		93
10/20/2014	1:06:14	316.57		93
10/20/2014	1:06:30	11.174		93
10/20/2014	1:06:46	0		93
10/20/2014	1:07:02	0		93
10/20/2014	1:07:18	0		93
10/20/2014	1:07:34	0		93
10/20/2014	1:07:50	0		93
10/20/2014	1:08:06	0		93
10/20/2014	1:08:22	0		93
10/20/2014	1:08:38	0		93
10/20/2014	1:08:54	0		93
10/20/2014	1:09:10	0		93
10/20/2014	1:09:26	0		95
10/20/2014	1:09:42	0		95
10/20/2014	1:09:58	0		95
10/20/2014	1:10:14	0		95
10/20/2014	1:10:30	0		95
10/20/2014	1:10:46	0		95
10/20/2014	1:11:02	0		95
10/20/2014	1:11:18	0		95
10/20/2014	1:11:34	0		95

QEP ENERGY COMPANY

BRENNAN 11

OCTOBER 20, 2014

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	1:11:50	0		96
10/20/2014	1:12:06	0		96
10/20/2014	1:12:22	0		96
10/20/2014	1:12:38	0		96
10/20/2014	1:12:54	0		96





QEP Energy Company

DIV. OF OIL, GAS & MINING

OCT 27 2014

RECEIVED

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel: 303.672.6900
Fax: 303.294.9632

October 21, 2014

U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

Attn: Don Breffle

RE: Request to Resume Injection
Brennan #11
UIC# UT2807-04342
API# 43-047-32772
Location: Sec. 18, T7S, R21E, Uintah County, UT

Dear Mr. Breffle:

Please be advised that QEP Energy Company has moved the packer on the above captioned Brennan #11 SWD well to isolate injection to the G1 formation. The new packer was set at 6,545 feet and was not set below any perforations in the wellbore. No remedial work was performed on the wellbore. Please see the enclosed wellbore diagram and a Pressure Test Chart and a Casing or Annulus Pressure Test form recorded from the Mechanical Integrity Test performed on October 20, 2014.

QEP Energy Company respectfully requests authorization to resume injection on the Brennan #11 SWD.

If you have any additional questions or concerns, please don't hesitate to contact me at (303) 260-6745 or via email at laura.abrams@qepres.com.

Sincerely,

Laura Abrams
Sr. Regulatory Affairs Analyst

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart
Wellbore Diagram

cc: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, UT 84078

MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NONE DATE: 10/20/2014 TIME: 12:00 AM PM

TEST CONDUCTED BY: TONY JENNE QEP ENERGY COMPANY

OTHERS PRESENT: SCOTT EBELING K&E HOT OIL

API NUMBER- 43-047-32772 EPA ID NUMBER- UT2807-04342

WELL NAME: <u>BRENNAN 11</u>		TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input type="checkbox"/> TA <input checked="" type="checkbox"/> UC
FIELD: <u>BRENNAN BOTTOMS</u>		LEASE: <u>UTSL 071745</u>	UNIT: <u>89100556A</u>
WELL LOCATION: <u>SE/4, SW/4, SEC. 18, T7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S		<u>R21</u> <input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP ENERGY COMPANY</u>			
LAST MIT: <u>2/15/2012</u>		MAXIMUM ALLOWABLE PRESSURE: <u>2325</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST? YES NO

INITIAL TEST FOR PERMIT? YES NO

TEST AFTER WELL WORK? YES NO

WELL INJECTING DURING TEST? YES NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: _____ 0 .PSIG

MIT DATA TABLE TUBING	TEST #1	TEST #2	TEST #3
	PRESSURE		
INITIAL PRESSURE	930 PSIG	PSIG	PSIG
END OF TEST PRESSURE	935 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1109.9 PSIG	935.8 PSIG	PSIG
5 MINUTES	1105.4 PSIG	935.4 PSIG	PSIG
10 MINUTES	1103.6 PSIG	935.4 PSIG	PSIG
15 MINUTES	1102.4 PSIG	935.6 PSIG	PSIG
20 MINUTES	1101.5 PSIG	935.8 PSIG	PSIG
25 MINUTES	1100.8 PSIG	936 PSIG	PSIG
30 MINUTES	1100.3 PSIG	936.2 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG

RESULT PASS FAIL PASS FAIL PASS FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? YES NO

3000 PSIG

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:13:42	0		87
10/20/2014	12:13:58	0		89
10/20/2014	12:14:14	0		89
10/20/2014	12:14:30	72.83		89
10/20/2014	12:14:46	341.68		89
10/20/2014	12:15:02	345.27		89
10/20/2014	12:15:18	334.86		89
10/20/2014	12:15:34	336.72		89
10/20/2014	12:15:50	337.34		89
10/20/2014	12:16:06	336.72		89
10/20/2014	12:16:22	336.19		89
10/20/2014	12:16:38	336.07		89
10/20/2014	12:16:54	336.01		89
10/20/2014	12:17:10	329.87		89
10/20/2014	12:17:26	13.635		89
10/20/2014	12:17:42	0		89
10/20/2014	12:17:58	0		89
10/20/2014	12:18:14	0		89
10/20/2014	12:18:30	0		89
10/20/2014	12:18:46	0		89
10/20/2014	12:19:02	0		89
10/20/2014	12:19:18	0		89
10/20/2014	12:19:34	0		89
10/20/2014	12:19:50	0		91
10/20/2014	12:20:06	0		91
10/20/2014	12:20:22	0		91
10/20/2014	12:20:38	0		91
10/20/2014	12:20:54	0		91
10/20/2014	12:21:10	0		91
10/20/2014	12:21:26	0		91
10/20/2014	12:21:42	0		91
10/20/2014	12:21:58	0		91
10/20/2014	12:22:14	0		91
10/20/2014	12:22:30	0		91
10/20/2014	12:22:46	0		91
10/20/2014	12:23:02	0		93
10/20/2014	12:23:18	0		93
10/20/2014	12:23:34	0		93
10/20/2014	12:23:50	0		93
10/20/2014	12:24:06	6.231		93
10/20/2014	12:24:22	191.79		93
10/20/2014	12:24:38	418.16		93

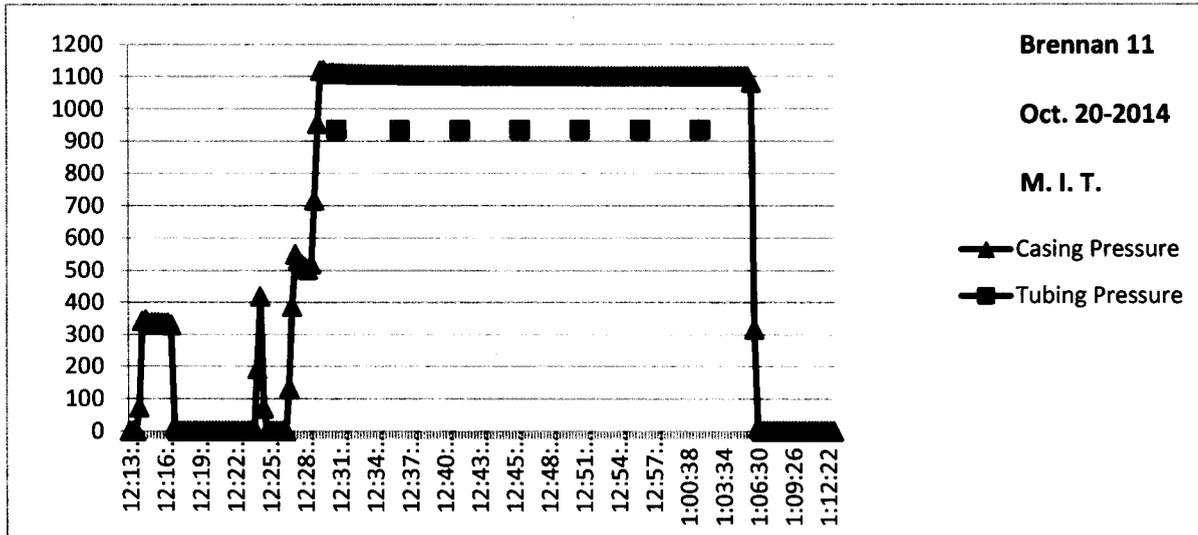
Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:24:54	71.04		93
10/20/2014	12:25:10	0		93
10/20/2014	12:25:26	0		93
10/20/2014	12:25:42	0		93
10/20/2014	12:25:58	0		93
10/20/2014	12:26:14	0		93
10/20/2014	12:26:30	0		93
10/20/2014	12:26:46	0		93
10/20/2014	12:27:02	132.91		93
10/20/2014	12:27:18	386.74		93
10/20/2014	12:27:34	549.5		93
10/20/2014	12:27:50	531.1		93
10/20/2014	12:28:06	518		93
10/20/2014	12:28:22	509.9		93
10/20/2014	12:28:38	502.2		93
10/20/2014	12:28:54	518		93
10/20/2014	12:29:10	715.8		93
10/20/2014	12:29:26	953.9		93
10/20/2014	12:29:42	1117.7		93
10/20/2014	12:29:58	1119.1		93
10/20/2014	12:30:14	1109		93
10/20/2014	12:30:30	1110.4		93
10/20/2014	12:30:46	1111.4		93
10/20/2014	12:31:02	1109.9	935.8	93
10/20/2014	12:31:18	1109.5		93
10/20/2014	12:31:34	1109.4		93
10/20/2014	12:31:50	1108.9		93
10/20/2014	12:32:06	1108.6		93
10/20/2014	12:32:22	1108.3		93
10/20/2014	12:32:38	1108		93
10/20/2014	12:32:54	1107.8		93
10/20/2014	12:33:10	1107.5		93
10/20/2014	12:33:26	1107.3		93
10/20/2014	12:33:42	1107.1		93
10/20/2014	12:33:58	1106.9		93
10/20/2014	12:34:14	1106.7		93
10/20/2014	12:34:30	1106.5		93
10/20/2014	12:34:46	1106.3		93
10/20/2014	12:35:02	1106.2		93
10/20/2014	12:35:18	1106		93
10/20/2014	12:35:34	1105.9		93
10/20/2014	12:35:50	1105.7		93
10/20/2014	12:36:06	1105.6		93
10/20/2014	12:36:22	1105.4	935.4	93

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:36:38	1105.3		93
10/20/2014	12:36:54	1105.2		93
10/20/2014	12:37:10	1105.1		93
10/20/2014	12:37:26	1105		93
10/20/2014	12:37:42	1104.8		93
10/20/2014	12:37:58	1104.7		93
10/20/2014	12:38:14	1104.6		93
10/20/2014	12:38:30	1104.5		93
10/20/2014	12:38:46	1104.4		93
10/20/2014	12:39:02	1104.3		93
10/20/2014	12:39:18	1104.2		93
10/20/2014	12:39:34	1104.1		93
10/20/2014	12:39:50	1104.1		93
10/20/2014	12:40:06	1104		93
10/20/2014	12:40:22	1103.9		93
10/20/2014	12:40:38	1103.8		93
10/20/2014	12:40:54	1103.7		93
10/20/2014	12:41:10	1103.6		93
10/20/2014	12:41:26	1103.6	935.4	93
10/20/2014	12:41:42	1103.5		93
10/20/2014	12:41:58	1103.4		93
10/20/2014	12:42:14	1103.3		93
10/20/2014	12:42:30	1103.3		93
10/20/2014	12:42:46	1103.2		93
10/20/2014	12:43:02	1103.2		93
10/20/2014	12:43:18	1103.1		93
10/20/2014	12:43:34	1103		93
10/20/2014	12:43:50	1102.9		93
10/20/2014	12:44:06	1102.9		93
10/20/2014	12:44:22	1102.8		93
10/20/2014	12:44:38	1102.8		93
10/20/2014	12:44:54	1102.7		93
10/20/2014	12:45:10	1102.7		93
10/20/2014	12:45:26	1102.6		93
10/20/2014	12:45:42	1102.6		93
10/20/2014	12:45:58	1102.5		93
10/20/2014	12:46:14	1102.4		95
10/20/2014	12:46:30	1102.4	935.6	95
10/20/2014	12:46:46	1102.3		95
10/20/2014	12:47:02	1102.3		95
10/20/2014	12:47:18	1102.2		95
10/20/2014	12:47:34	1102.2		95
10/20/2014	12:47:50	1102.1		95
10/20/2014	12:48:06	1102.1		95

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	12:48:22	1102		95
10/20/2014	12:48:38	1102		95
10/20/2014	12:48:54	1101.9		95
10/20/2014	12:49:10	1101.9		95
10/20/2014	12:49:26	1101.8		95
10/20/2014	12:49:42	1101.8		95
10/20/2014	12:49:58	1101.8		95
10/20/2014	12:50:14	1101.7		95
10/20/2014	12:50:30	1101.7		95
10/20/2014	12:50:46	1101.6		95
10/20/2014	12:51:02	1101.6		95
10/20/2014	12:51:18	1101.6		95
10/20/2014	12:51:34	1101.5	935.8	95
10/20/2014	12:51:50	1101.5		95
10/20/2014	12:52:06	1101.4		95
10/20/2014	12:52:22	1101.4		95
10/20/2014	12:52:38	1101.3		95
10/20/2014	12:52:54	1101.3		95
10/20/2014	12:53:10	1101.3		95
10/20/2014	12:53:26	1101.2		95
10/20/2014	12:53:42	1101.2		95
10/20/2014	12:53:58	1101.2		95
10/20/2014	12:54:14	1101.1		95
10/20/2014	12:54:30	1101.1		93
10/20/2014	12:54:46	1101.1		93
10/20/2014	12:55:02	1101.1		93
10/20/2014	12:55:18	1101		93
10/20/2014	12:55:34	1101		93
10/20/2014	12:55:50	1100.9		93
10/20/2014	12:56:06	1100.9		93
10/20/2014	12:56:22	1100.9		93
10/20/2014	12:56:38	1100.8	936	93
10/20/2014	12:56:54	1100.8		93
10/20/2014	12:57:10	1100.8		93
10/20/2014	12:57:26	1100.7		93
10/20/2014	12:57:42	1100.7		93
10/20/2014	12:57:58	1100.7		93
10/20/2014	12:58:14	1100.6		93
10/20/2014	12:58:30	1100.6		93
10/20/2014	12:58:46	1100.6		93
10/20/2014	12:59:02	1100.6		93
10/20/2014	12:59:18	1100.5		93
10/20/2014	12:59:34	1100.5		93
10/20/2014	12:59:50	1100.5		93

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	1:00:06	1100.4		93
10/20/2014	1:00:22	1100.4		93
10/20/2014	1:00:38	1100.4		93
10/20/2014	1:00:54	1100.3		93
10/20/2014	1:01:10	1100.3		93
10/20/2014	1:01:26	1100.3		93
10/20/2014	1:01:42	1100.3	936.2	93
10/20/2014	1:01:58	1100.2		93
10/20/2014	1:02:14	1100.2		93
10/20/2014	1:02:30	1100.2		93
10/20/2014	1:02:46	1100.2		93
10/20/2014	1:03:02	1100.1		93
10/20/2014	1:03:18	1100.1		93
10/20/2014	1:03:34	1100.1		93
10/20/2014	1:03:50	1100		93
10/20/2014	1:04:06	1100		93
10/20/2014	1:04:22	1100		93
10/20/2014	1:04:38	1100		93
10/20/2014	1:04:54	1099.9		93
10/20/2014	1:05:10	1099.9		93
10/20/2014	1:05:26	1099.9		93
10/20/2014	1:05:42	1099.9		93
10/20/2014	1:05:58	1080.8		93
10/20/2014	1:06:14	316.57		93
10/20/2014	1:06:30	11.174		93
10/20/2014	1:06:46	0		93
10/20/2014	1:07:02	0		93
10/20/2014	1:07:18	0		93
10/20/2014	1:07:34	0		93
10/20/2014	1:07:50	0		93
10/20/2014	1:08:06	0		93
10/20/2014	1:08:22	0		93
10/20/2014	1:08:38	0		93
10/20/2014	1:08:54	0		93
10/20/2014	1:09:10	0		93
10/20/2014	1:09:26	0		95
10/20/2014	1:09:42	0		95
10/20/2014	1:09:58	0		95
10/20/2014	1:10:14	0		95
10/20/2014	1:10:30	0		95
10/20/2014	1:10:46	0		95
10/20/2014	1:11:02	0		95
10/20/2014	1:11:18	0		95
10/20/2014	1:11:34	0		95

Date	Time	Casing Pressure	Tubing Pressure	Temp
10/20/2014	1:11:50	0		96
10/20/2014	1:12:06	0		96
10/20/2014	1:12:22	0		96
10/20/2014	1:12:38	0		96
10/20/2014	1:12:54	0		96





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 24 2014

RECEIVED

OCT 29 2014

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-0323-0003-0724-9394
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Ms. Laura Abrams
Regulatory Affairs Analyst
QEP Energy Company
1050 17th Street, Suite 500
Denver, CO 80265

18 7S 21E

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Brennan #11 Well Name
EPA ID# UT20807-04342
API # 43-047-32772
Brennan Bottom Oil Field
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Ms. Abrams:

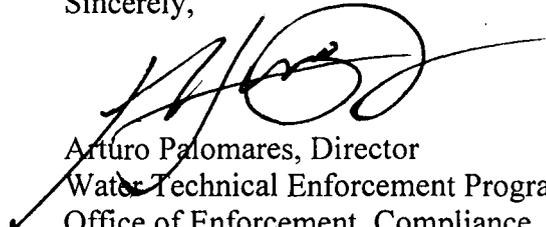
On October 21, 2014, the Environmental Protection Agency received information from QEP Energy Company on the above referenced well concerning the workover to change the injection configuration and the followup mechanical integrity test (MIT) conducted on October 20, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before October 20, 2019.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Don Breffle at (303) 312-6198. Please direct all correspondence to the attention of Don Breffle at Mail Code 8ENF-UFO.

Sincerely,



Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

cc: Gordon Howell, Chairman, Uintah & Ouray Business Committee
Ronald Wopsock, Vice-Chairman, Uintah & Ouray Business Committee
Reannin Tapoof, Executive Assistant, Uintah & Ouray Business Committee
Stewart Pike, Councilman, Uintah & Ouray Business Committee
Tony Small, Councilman, Uintah & Ouray Business Committee
Bruce Ignacio, Councilman, Uintah & Ouray Business Committee
Phillip Chimburas, Councilman, Uintah & Ouray Business Committee
Manuel Myore, Director of Energy, Minerals and Air Programs
John Rogers, Associate Director, Oil & Gas, Utah Division of Oil, Gas and Mining



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF EXISTING PERMITTEE

QEP Energy Company
1050 17th Street, Ste. 800
Denver, CO 80265

NAME AND ADDRESS OF CONTRACTOR

Weatherford
410 17th Street, Ste. 250
Denver, CO 80202

43 047 32772

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE
UT

COUNTY
Uintah

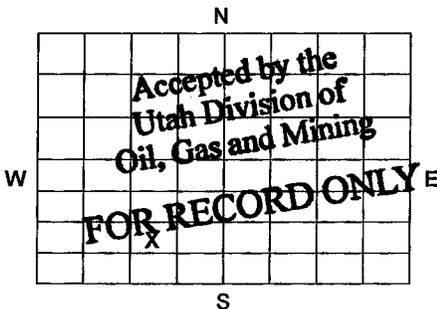
PERMIT NUMBER
UT20807-04341

SURFACE LOCATION DESCRIPTION

SE 1/4 of SW 1/4 of 1/4 of 1/4 of Section 18 Township 7S Range 21E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 619' ft. from (N/S) FSL Line of quarter section
and 1886' ft. from (E/W) FWL Line of quarter section



Enhanced Recovery
 Hydrocarbon Storage

Total Depth After Rework
7183'

Area

Lease Name

Date Rework Commenced
7/29/15

Well Number

Date Rework Completed
7/30/15

Brennan 11

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	660'	400 sx	Premium	6625'	6629'	
5-1/2"	7177'	600 sx	Class H	6861'	6867'	

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	660'	400 sx	Premium	6625'	6629'	1,700 gal of 15% HCL (entire wellbore)
5-1/2"	7177'	600 sx	Class H	6861'	6867'	

DESCRIBE REWORK OPERATIONS IN DETAIL

USE ADDITIONAL SHEETS IF NECESSARY

The Brennan 11 well was acidized with 1,700 gallons of 15% HCL in an effort to clean the wellbore and increase performance.

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

N/A

N/A

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED

Laura Abrams, Sr. Regulatory Affairs Analyst