

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

9/11/23 Re-entry of 11.20.96
GRCC 3-20-97

(Have file) Well Log of 3 C. Curtis logs

DATE FILED 8-21-57

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. SL071745

INDIAN

DRILLING APPROVED: ~~8-1-57~~ 7-16-57 * 11.20.96

SPUDED IN: 8-21-57 * 2.28.97

COMPLETED: ~~12-2-57~~ 10-14-57 * 3.24.97 WIW

O. 47,395

INITIAL PRODUCTION: 133 BOPD & 23 BWPD *

G. 150,693

GRAVITY A. P. I. *

W. 6,882

GOR: *

PRODUCING ZONES: Gr. Rr: 6712-22'; 6914-26'; 6950-70'; 7036-48'; Wasatch: 7102-12' * L07K-7055

TOTAL DEPTH: ~~7225'~~ Wasatch 7225' * 7225'

GRRV

WELL ELEVATION: 4821 DF * 4821' KB

DATE ABANDONED: 3-2-6'

FIELD OR DISTRICT: Brennan Bottom (Field) 3/86

COUNTY: Uintah

WELL NO. BRENNAN - FEDERAL 5

AD 43-047-15420

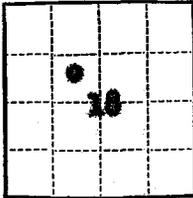
LOCATION: 1980 FT. FROM (N) LINE, 1830 FT. FROM (E) (W) LINE. SE 1/4 NW 1/4 QUARTER - QUARTER SEC. 18

6

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
7 S	21 E	18	Chevron USA GULF OIL CORPORATION				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaitè tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonsen dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta Surface * 3505	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River 3050' * 7025	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch 7058' * TD	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 071745
Unit Brennan Bottom

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 16, 19 57

Well No. 5 is located 1900 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 1030 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 18

SE 1/4 NW 1/4 of Sec. 18 7 South 21 East S. 1. N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Brennan Bottom Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - - ft. (Will furnish later)

DETAILS OF WORK

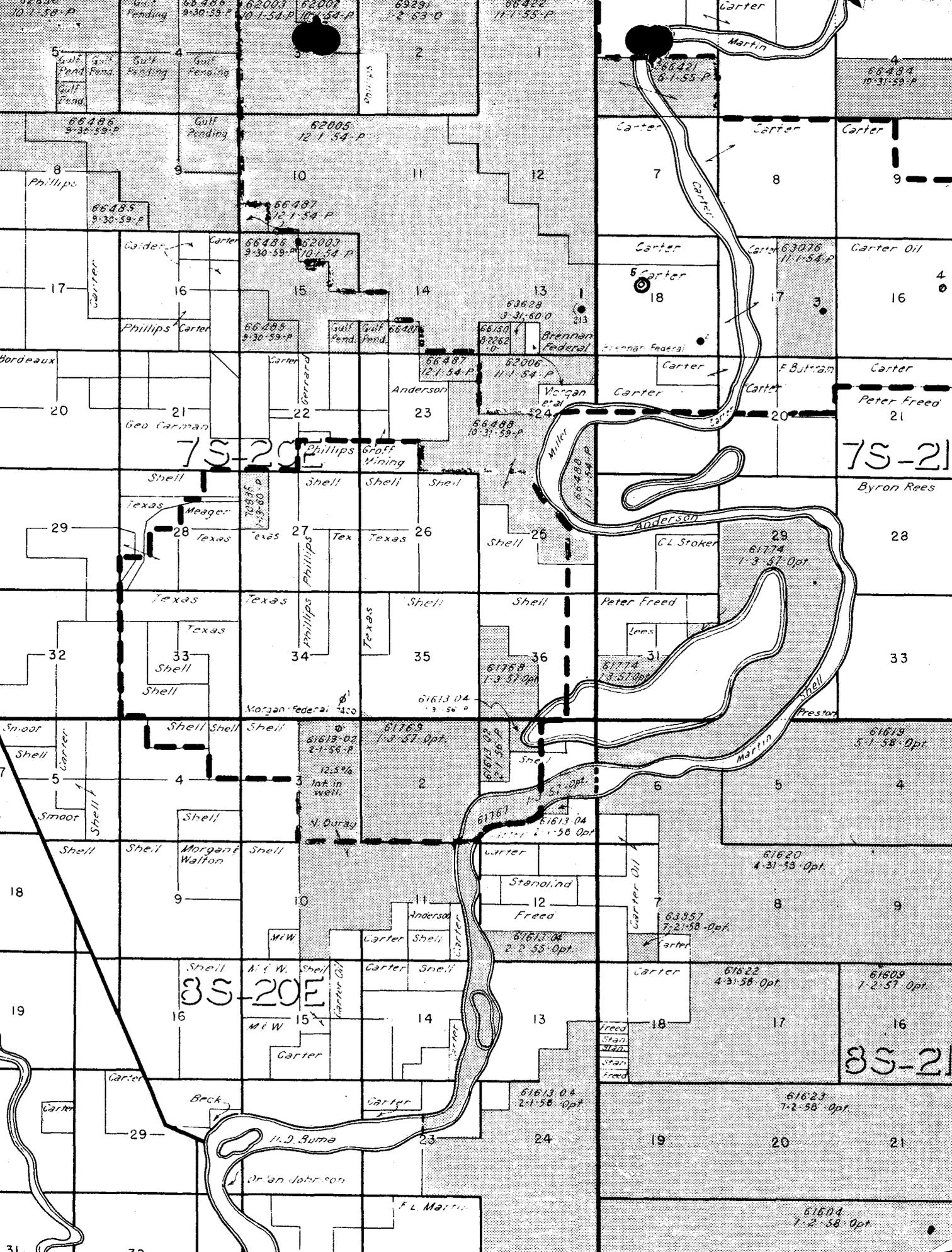
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Gulf Designation: Brennan-Federal No. 5

It is proposed to drill a development well to test the Green River formation to an approximate total depth of 7300'. Approximately 300' of 10-3/4" OD surface casing will be set and cemented to surface. If commercial production is encountered, 7" OD production casing will be set at approximately 7300'. All possible producing horizons will be adequately cored and/or tested.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Gulf Oil Corporation
Address Production Department
P. O. Box 2097
Denver, Colorado
By [Signature]
Title Asst. Zone Prod. Supt.



75-20E

75-21

35-20E

35-21

10-1-58-P

Phillips

Bordeaux

Smoor

18

19

31

Pending

Phillips

Geo Carman

Shell

9

16

29

62003

62005

62007

62008

62006

62009

61613-02

61613-01

61613-03

61613-04

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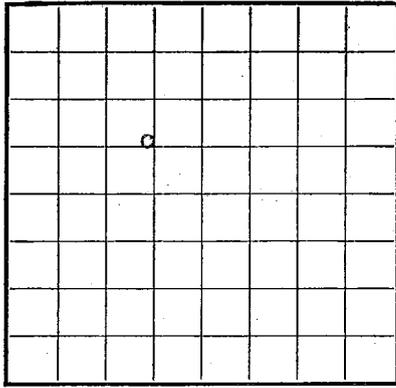
61613-42

61613-43

61613-44

Form 9-330

U. S. LAND OFFICE Salt Lake
 SERIAL NUMBER SL-071745
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P. O. Box 1010, Casper, Wyoming
 Lessor or Tract Brennan-Federal Field _____ State Utah
 Well No. 5 Sec. 18 T. 7S R. 21E Meridian Salt Lake County Uintah
 Location 1280 ft. SW of N Line and 1830 ft. EW of W Line of Section 18 Elevation 4821'
(Correct this relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date January 22, 1958 Title Area Production Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling August 21, 1957 Finished drilling October 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6712 to 6722 No. 4, from 7036 to 7048
 No. 2, from 6914 to 6926 No. 5, from 7102 to 7112
 No. 3, from 6950 to 6970 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
10-3/1"	32.75#	8RD	A	263	Baker	-	-	-	Surface
7"	20 & 23	8RD	A	7212	"		7101	7112	Production
							7036	7048	
							6950	6970	
							6914	6926	
							6712	6722	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/1"	276'	250	HONCO	-	-
7"	7225'	250	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	276'	250	HONCO	-	-
7"	7225'	250	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 7225 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing December 20____, 19 57.
 The production for the first 24 hours was 157 barrels of fluid of which 85% was oil; _____% emulsion; 15% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3050'	3050'	Uinta
3050'	7058'	4008'	Green River
7058'	TD	167'	Wasatch
Core #1, from 6670' to 6710', cut 40' recovered 38', barrel jammed.	37.6'	Shale	
	.4'	Limestone, good brown oil staining, good odor.	
Core #2, from 6710' to 6722', cut 12' recovered 12'.	2.8'	Shale	
	8.2'	Limestone, bleeding oil and gas, vertical and horizontal fractures, good porosity.	
	1.0'	Shale	
Core #3, from 6907' to 6956', cut 49' recovered 49'.	1'	Sandstone, no show, porosity 10%	
	7-1/2'	Shale	
	11-1/2'	Limestone, good odor, tight, very little visible stain, porosity less than 5%, no fluorescence.	
	24-1/2'	Shale	
	4-1/2'	Limestone, good odor, tight, porosity less than 5%, no oil stain, no fluorescence.	
Core #4, from 6956' to 6971', cut 15' recovered 10'.	10'	Siltstone, hard, tight, some odor, no stain or fluorescence.	
Core #5, from 6988' to 7018', cored 60' recovered 60'.	41.5'	Black, soft, sandy shale	
	15.5'	Sandstone, no visible staining, slight odor, no fluorescence, good porosity and permeability, vertical and horizontal fractures.	

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
Core #6, from 7048'	to 7058', 7.3' 2.2'	cored 10'	recovered 9.5'. Sandstone, no visible staining, no fluorescence, slight odor. Black shale.
Perforated	7101' - 12' 7036' - 48')	Treated with 6000 gallons #5 burner fuel and 6000# sand.	Acidized with 7000 gallons XFW.
	6950' - 70' 6914' - 26')	Treated with 8000 gallons #5 burner fuel and 8000# sand.	Acidized with 8000 gallons XFW.
	6712' - 22'	Treated with 3000 gallons #5 burner fuel and 3000# sand.	Acidized with 3000 gallons XFW.

8961 2 2 NWC
JAN 2 1958

FORM 1-57

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City

LEASE NUMBER _____

UNIT Brennan-Bottom

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Brennan-Bottom

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEPTEMBER, 1965,

Agent's address 600 Oklahoma Mortgage Building Company Gulf Oil Corporation
Oklahoma City, Oklahoma 73102 Signed N. M. McKel

Phone CE-6-3071 Agent's title Unit Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE 13	7S	20E	1	30	490	32.6	2,293		40	
SE SE 18	7S	21E	2	21	819	33.3	983		30	
NE SE 17	7S	21E	3	3	174	31.0	147		19	
SE NW 18	7S	21E	5	0	0		0		0	SHUT IN
TOTAL					1,483		3,423		89	

2-U.S.G.S., Casper
2-Utah Oil & Gas Cons. Comm., Salt Lake City
1-Oklahoma City District
1-Casper Area
1-Phillips Petroleum co., Bartlesville

Brennan-Federal

NOTE.—There were 2,114.73 runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Haif's Bremen Station #5

Pull

Super Well #2

Casey top of base of Bremen

- (1) Plug over perfor.
- (2) Plug over stub
- (3) Plug over top of Bremen (2000' above stub)
- (4) One at base of surface pipe
- (5) Filled with 9# mud between plugs.

hyzel mud



Above plugging program reviewed & approved with G. L. L. 2 3/2/67 - JMB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42 10-4-5
LAND OFFICE
LEASE NUMBER
UNIT Brennan, Bolton

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Hintah Field Brennan-Bolton

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1952, 1952

Agent's address P.O. Box 2619 Company Gulf Oil Corporation
Casper, Wyoming 82501 Signed Pauline Whiteledge
Phone 232-235-5733 Agent's title Senior Clerk

SEC AND CORN	TWP	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (IN THOUSANDS)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drainage department is furnished, date and volume of water for the current year)
<u>PARTICIPATING AREA</u>										
NE SE 13	7S	20E	1	30	518	30.9	177	est.	705	
SE SE 18	7S	21E	2	0	0		-		None	T.A.
SE NW 18	7S	21E	5	0	0		-		None	T.A.
TOTAL					518		177		705	
					<u>WATER</u>			<u>OIL</u>		
					Disposition	<u>705</u>	On hand at beginning of month			247
					Pit	<u>705</u>	Produced during month			518
					Injected	<u>0</u>	Sold during month			218
							Unavoidably lost			0
							Reason			
							On hand at end of month			547
					<u>GAS</u>					
							Sold			0
							Flared/Vented			0
							Used On/Off Lease			177
2 - U.S.G.S., SLC 2 - Utah Oil & Gas Cons. Comm., SLC 2 - Exxon, Midland 2 - Phillips Petroleum Co., Bartlesville 1 - CC 2 - File 1 - <i>Inspection</i>										Brennan/Federal

NOTE.—There were 218.14 runs or sales of oil; No M cu. ft. of gas sold;
..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. _____
Communitization Agreement No. _____
Field Name Brennan-Bottom
Unit Name Brennan-Bottom
Participating Area _____
County Uintah State Utah
Operator Gulf Oil Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
PARTICIPATING AREA									
1	NE SE13	7S	20E	P	30	720	90 est.	789	
2	SE SE18	7S	21E	T.A.					
5	SE NW 18	7S	21E	T.A.					
	total					720	90	789	
2-USGS, SLC									
2-Utah Oil & Gas Cons. Comm., SLC									
2-Exxon, Midland									
2-Phillips Petroleum Co., Bartlesville									
1-OC									
2-File	Brennan/Federal								



1-Houston
Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month.	312	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	720	90	789
Sold	895	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	90	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	789
*Other (Identify)	0	0	0
*On hand, End of Month	305	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	31.2	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX

*SALES INCLUDE 168 BBLs TRFD FROM BRENNAN FEDERAL #7 TO BE TREATED AND SOLD
 Address: P. O. Box 2619
Casper, Wyoming 82F

Authorized Signature: Pauline Whittle
 Title: Senior Clerk
 Page 1 of 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL - 071745

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Brennan Bottoms Unit	
2. NAME OF OPERATOR Gulf Oil Exploration and Production Company		8. FARM OR LEASE NAME Brennan Federal	
3. ADDRESS OF OPERATOR P. O. Box 2619, Casper, Wyoming 82602		9. WELL NO. 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4, NE 1/4, 1980' SNL, 1830' EWL		10. FIELD AND POOL, OR WILDCAT Brennan Bottoms	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4809' GR	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

17. 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.)*

Propose to reenter and plug and abandon TA'd oil well. Brennan Federal Unit Well No. 5 has been TA'd since 1965. No additional surface disturbance will be required. The location will be restored and reseeded as required by the BLM.

See attached procedure.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 6-19-79

BY: M.G. Minder

al Pref
Make, note on
step 9, note
entire hole is
to be displaced
with mud.

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

SIGNED *R.C. Kersey* TITLE Petroleum Engineer DATE May 23, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

*GPO 782-830

United States Geological Survey
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Utah Oil & Gas Commission
1588 West North Temple
Salt Lake City, Utah 84116

Buttram Texhoma Company
6421 Avondale
Oklahoma City, OK 73116

Paul Walton
1102 Walker Bank Bldg.
Salt Lake City, UT 84111

George P. Caulkins, Jr.
2100 Colorado State Bank Bldg.
1620 Broadway
Denver, CO 80202

N. G. Morgan, Jr., Estate
c/o Stephen G. Morgan
345 South State Street
Salt Lake City, UT 84111

N. G. Morgan, Sr.
c/o Zion's First National Bank
Box 30880
Salt Lake City, UT 84125

Duncan Miller
c/o Crocker National Bank
Barstow, CA 92311

8. Pull tubing to 6300 ft KB and reverse out cement. Fill hole with 9.0 ppg mud (USGS requirement), POOH and lay down all but 200 ft of tubing.
9. MIZU wireline unit. Install lubricator. RIH with decentralized circulating charge (5-8 gm) and perforate 7" casing at \pm 301 ft KB with 2 holes. POOH with wireline.
10. PU Howco 7" E-Z drill permanent cement retainer (# 802.319) and run on 2 7/8 OD tubing. Set packer at 176 ft KB.
11. Open surface casing (use caution as there may be some pressure) and cement through packer as follows:
 - a) Pump 2 bbl fresh water spacer
 - b) Pump 62 sx class H cement with 0.6% Haked-9 followed by 1 bbl fresh water
 - c) Sting out of packer and spot 1 sx on top of packer. PU tubing and reverse out with mud.
12. POOH and lay down tubing. TDMO rig.
13. Cut wellhead off and place a 10 ft cement plug in surface casing - production casing annulus and production casing I-D.
14. Contact USGS and BLM as to placement of P&A marker and location restoration.

Approved HSS

Date 9/1/78

Approved WRM

Date 10/12/78

Approved [Signature]

Date 10-12-78

RCK

9/1/78

Procedure

Brennan Federal No. 5

Plug and Abandon

1B-75-21E

Uintah County, Utah

TD: 7225 ft

KB: 4821 ft

Casing:

PBTD: 7190 ft

GD: 4809 ft

10³/₄" 32.75# @ 276 ft

H: 13 ft

TOC: 6420 ft

7" 20+23# @ 7225 ft

Perforations: 6712-22, 6914-26, 6950-70, 7036-48, 7101-12

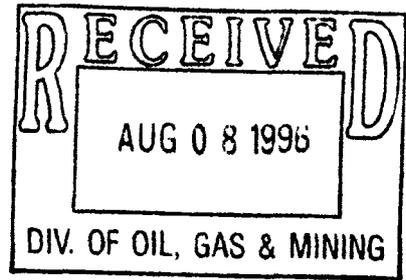
1. MIRMU pulling unit. Kill well with salt water, install BOP.
2. PU and GIH with 6¹/₄ inch steel tooth junk bit, 7 inch size 14B Baker model "C" rotocut casing scraper and 2⁷/₈" OD tubing.
3. Run bit and scraper to 7180 ft KB (PBTD 7190 ft) and reverse out with salt water. Pool with tubing, scraper and bit.
4. GIH with 2⁷/₈" OD tubing open ended and run to 7137 ft KB.
5. Spot 335 ft cement plug as follows:
with hole full,
 - a) Pump 25 bbl fresh water spacer
 - b) Pump 73 sx class H cement with 0.2% LWL retarder.
 - c) Pump 4.5 bbl fresh water spacer
 - d) Pump 35 bbl salt water to balance plug.
6. Pull tubing, to 6747 ft KB and reverse out cement with salt water. Calc TOC 6802 ft KB.
7. Spot 135 ft cement plug as follows:
 - a) Pump 25 bbl fresh water spacer
 - b) Pump 30 sx class H cement with .2% LWL retarder.
 - c) Pump 4.5 bbl fresh water spacer
 - d) Pump 34 bbl salt water down tubing to balance plug. Calc TOC 6612 ft KB.

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 #5		
FIELD OR UNIT NAME:	BRENNAN BOTTOM UNIT		
WELL LOCATION:	SENW-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 type="checkbox"/> Yes	<input checked="" 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 checked="" type="checkbox"/> No
	Date of test:	NA	
	API Number:	43-047-15420	
	Proposed Injection Interval:	from 6713' to 7112'	
Proposed maximum injection:	Rate 500	Pressure 1926	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

**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

5. LEASE DESIGNATION AND SERIAL NO.
SL-071745

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
RE-ENTER **DRILL** **DEEPEEN**

b. TYPE OF WELL

OIL WELL GAS-WELL OTHER **WATER INJECTOR** SINGLE ZONE MULTIPLE ZONE

7. UNIT AGREEMENT NAME
**BRENNAN BOTTOM
UNIT**

8. FARM OR LEASE NAME, WELL NO.
BRENNAN FEDERAL #5 (RE)

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

9. API WELL NO.
43-047-15420

3. ADDRESS AND TELEPHONE NO.
11002 E. 17500 S., VERNAL, UT 84078-8526 **(801) 781-4300**

10. FIELD AND POOL, OR WILDCAT
BRENNAN BOTTOM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1969' FNL, 1833' FWL, SENW

At proposed prod. zone
SAME

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
27.7 MILES FROM VERNAL, UT

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **665'**

16. NO. OF ACRES IN LEASE
751

17. NO. OF ACRES ASSIGNED TO THIS WELL
NA

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, 1893' OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
7190'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4782' GR

22. APPROX. DATE WORK WILL START*
11/1/96

PROPOSED CASING AND CEMENTING PROGRAM

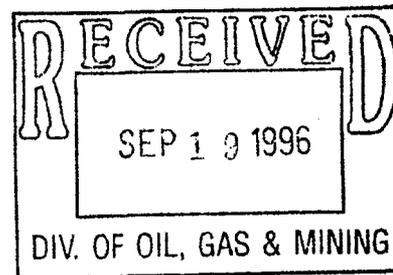
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10.75" H-40	32.75	276'	250 SX.
9"	7" J-55/N-80	20&23	7225'	250 SX.

We propose to re-enter this P&A'd oil well and complete it as a water injection well as part of the Brennan Bottom Unit waterflood development.

Attachments:

- Certified plat
- Thirteen Point Surface Use Plan
- Eight Point Drilling Plan
- Self Certification Statement
- Current wellbore schematic

A related UIC Permit Application has been submitted to the EPA for this well. Approval is requested.



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

24. SIGNED *[Signature]* TITLE Red Wash Asset Team Leader DATE 9-16-96

(This space for Federal or State office use)

PERMIT NO. 43-047-15420 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:

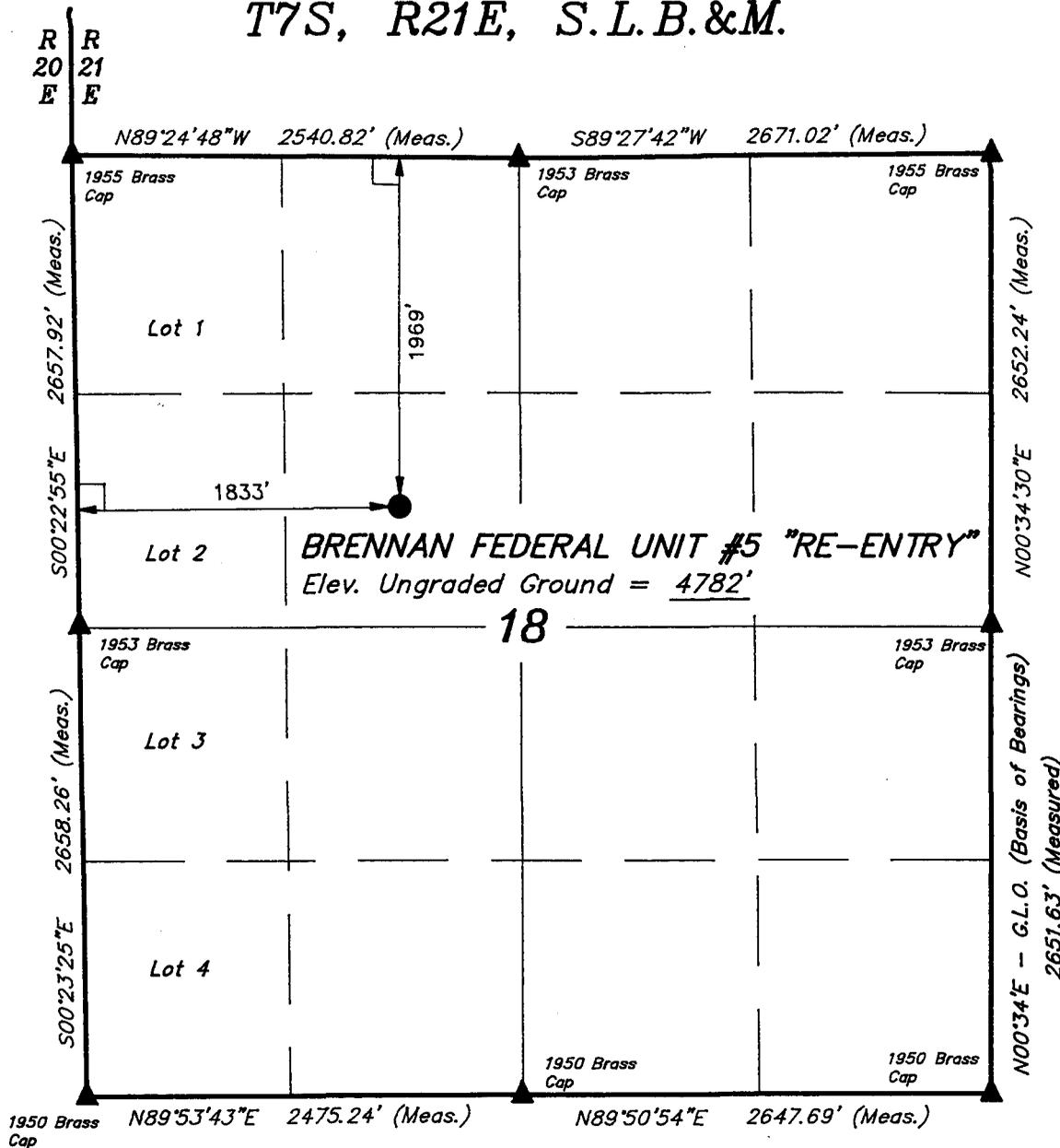
APPROVED BY *[Signature]* TITLE Petroleum Engineer DATE 11/20/96

*See Instructions On Reverse Side

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.

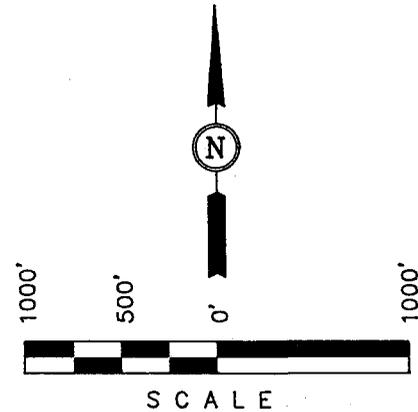
Well location, BRENNAN FEDERAL UNIT #5 "RE-ENTRY" located as shown in the SE 1/4 NW 1/4 of Section 18, T7S, R21E, S.L.B.&M. Uintah County, Utah.

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



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.



CERTIFICATE

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

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

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 7-22-96	DATE DRAWN: 7-29-96
PARTY B.B. C.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE CHEVRON U.S.A., INC.	

LEGEND:

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

43-047-15420

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 #5, SENW-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: 9-16-96

CHEVRON USA PRODUCTION CO.

BRENNAN FEDERAL #5
1969' FNL, 1833' FWL
SENW-S18-T7S-R21E
UINTAH COUNTY, UTAH

EIGHT POINT DRILLING PLAN

1. ESTIMATED FORMATION TOPS:

Uinta	Surface
Green River	3550'
Oil Shale	4860'
G1 Lime	6713'
H Marker	6916'
Wasatch	7058'

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

Deepest Fresh Water: ~870', Uinta Formation.

Oil Shale: Oil shale is between depths of 4860-5205'.

Oil: Oil is in several intervals between the depths of 6713-7034' in the Green River Formation.

Gas: None expected.

Protection of oil, gas, water, or other mineral bearing formations: Protection is assured by surface casing set at 276' with cement to surface and production casing set at 7225' and cemented to 6420'.

3. PRESSURE CONTROL EQUIPMENT:

Maximum anticipated surface pressure <1600 psi. Pressure control equipment shall be in accordance with BLM minimum standards for 2000 psi equipment.

4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:

Refer to Well Completion Report dated 1/22/58 for casing details. Chevron plans to re-enter the subject well using a conventional well servicing rig.

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

Chevron plans to use fresh water and/or brine during this re-entry. No minimum quantity of weight material will be required to be kept on location.

BRENNAN FEDERAL #5 - EIGHT POINT DRILLING PLAN

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

Logging: Openhole logs are already available for the subject well. Chevron plans to run a GR-CBL-CCL to confirm the cement top from the primary cementing job.

Coring: Not applicable.

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 intervals may be slightly pressure depleted.

Maximum expected BHP @ 7190': ~3115 psi (~0.433 psi/ft.).

Maximum expected BHT @ 7190': ~165° F.

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

8. OTHER:

None.

ACTUAL P&A WELLBORE DIAGRAM

WELL: BRENNAN FEDERAL # 5
 LOCATION: 1980' FNL & 1830' FWL
SENW-SEC. 18-T7S-R21E
UINTAH COUNTY, UTAH

KBE: 4821'
 GLE: 4809'
 TD: 7225'
 PBTD: NA

LEASE: SL-071745
 API #: 43-047-15420

WELLBORE PLUGS:

PLUG #4: SURFACE PLUG
 10' OF CLASS H CEMENT IN
 PROD. CASING AND
 PROD./SURF. CASING ANNULUS

PLUG #3: PERF. @ 301', CICR
 @ 176', 62 SX. CLASS H
 SQUEEZED BELOW
 TOP @ 169'
 BOTTOM @ 301'

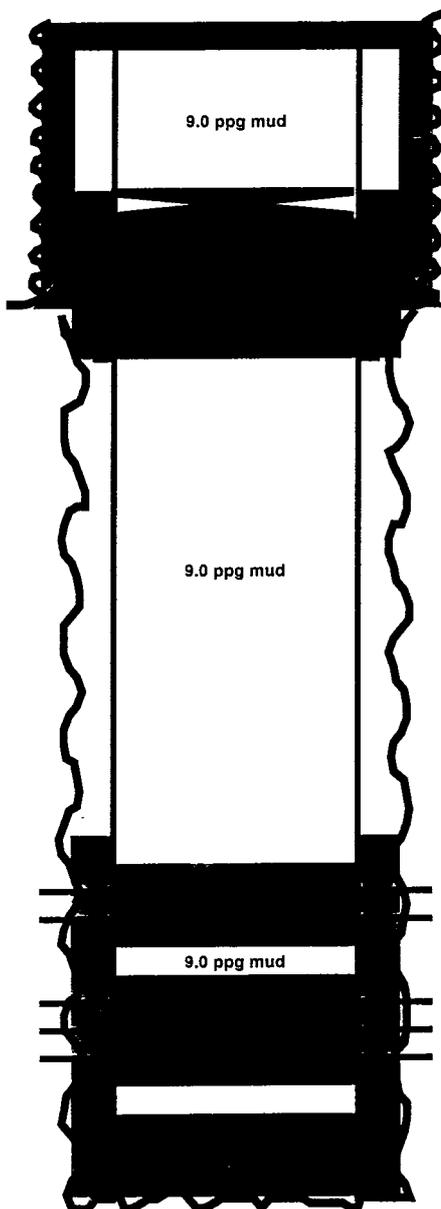
ORIGINAL TOC @ 6420' BY TEMP.

PLUG #2: 30 SX. CLASS H
 BALANCED PLUG,
 6612-6747'

PLUG #1: 73 SX. CLASS H
 BALANCED PLUG,
 6802-7137'

ORIGINAL PBTD: 7190'
 TD: 7225'

BY: S.D. McPHERSON
 9/16/96



SURFACE HOLE & CASING:

HOLE SIZE: 15"
 CSG. TYPE & SIZE: 10-3/4" 32.75# H-40
 SETTING DEPTH: 276'
 CEMENT: 250 SX. REGULAR
 CEMENT TOP: SURFACE

GEOLOGIC MARKERS:

UINTA	SURFACE
GREEN RIVER	3550'
OIL SHALE	4860-5205'
G1 LIME	6713'
H2 LIME	6916'
H4 LIME	6952'
I SAND	7034'
WASATCH	7058'
W1 SAND	NP

PERFORATIONS:

6712-22'
 6914-26'
 6950-70'
 7036-48'
 7101-12'

PRODUCTION HOLE AND CASING:

HOLE SIZE: 9"
 CSG. TYPE & SIZE: 7" 20/23# J-55/N-80
 SETTING DEPTH: 7225'
 CEMENT: 250 SX. REGULAR
 CEMENT TOP: 6420' BY TEMPERATURE

CHEVRON USA PRODUCTION CO.

**BRENNAN FEDERAL #5
1969' FNL & 1833' FWL
SENW-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. Original access road begins approximately 27.7 miles from Vernal, UT.

2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:

See Topographic Maps A and B. The original access road is approximately 0.4 mile in length. Upgrading is proposed.

3. LOCATION OF EXISTING WELLS WITHIN ONE MILE:

See Topographic Map B.

4. LOCATION OF EXISTING OR PROPOSED FACILITIES:

- A. See Topographic Map B.
- B. Injection metering and monitoring equipment will be installed.
- C. Cathodic protection will be installed within two years of activating the well.
- D. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BLM.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Wonsits Valley water supply wells, Uintah County, Utah, are as follows:
 - #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-R21E, SLBMRefer to Application #36125, Change Application #A-4646, Paragraph 16, approved July 2, 1965.
- B. A-1 Tank & Brine/Dalbo water well in Ouray, Utah. East 400 ft. North 200 ft. from S1/4 Cor. Sec. 32-T4S-R3E, USBM, Uintah County, Utah.
Refer to Application #53617.

BRENNAN FEDERAL #5 - THIRTEEN POINT SURFACE USE PLAN

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.

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 10,000 lb. 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.

10. PLAN FOR RESTORATION OF SURFACE:

BRENNAN FEDERAL #5 - THIRTEEN POINT SURFACE USE PLAN

A. All surface areas not required for operations will be graded to as near original condition as possible and contoured to maintain erosion to a minimum. Any excavated rock will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth. Topsoil will be evenly distributed over disturbed areas. Reseeding will be performed as directed by the BLM.

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

C. 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.

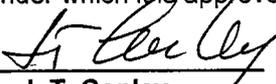
B. Surface use activities other than the oil and gas well facilities consist of grazing. There are no occupied dwellings near the wellsite.

13. COMPANY REPRESENTATIVE:

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

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron USA Production Co., Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

9-16-96
Date



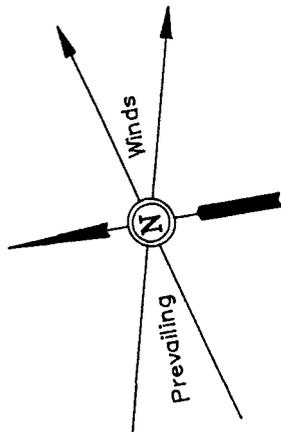
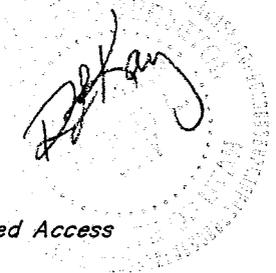
J. T. Conley
Red Wash Asset Team Leader

CHEVRON U.S.A., INC.

LOCATION LAYOUT FOR

BRENNAN FEDERAL UNIT #5 "RE-ENTRY"
SECTION 18, T7S, R21E, 6th P.M.

1969' FNL 1833' FWL



SCALE: 1" = 50'
DATE: 9-12-96
Drawn By: D.R.B.

FLARE PIT
Min. 100' from rig substructure.
Min. 30' from reserve pit fence.

NOTE:
Total Pit Capacity
W/2' of Freeboard
= 800 Bbls. ±
(40'x20'x8')

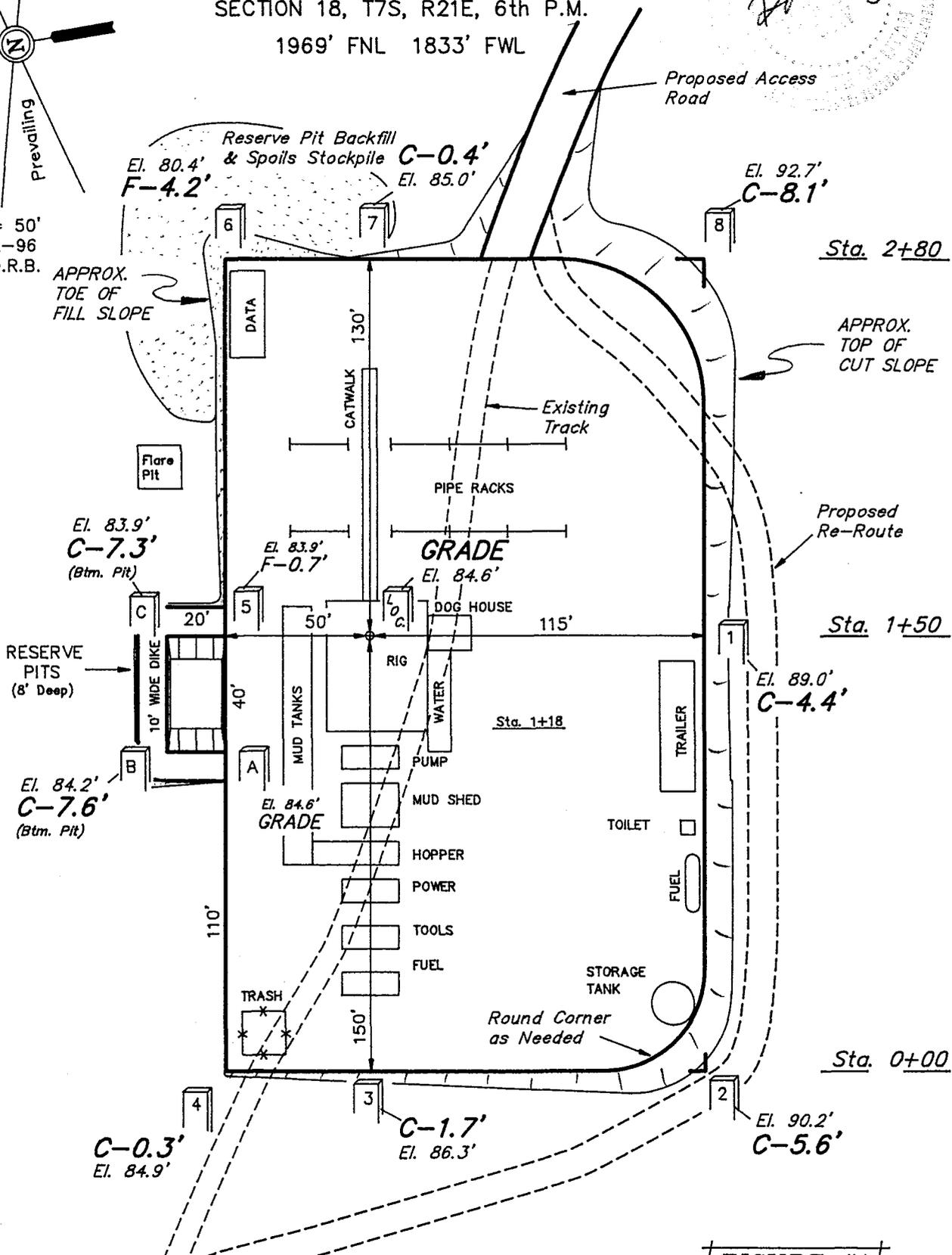


FIGURE #1

Elev. Ungraded Ground at Location Stake = 4784.6'

Elev. Graded Ground at Location Stake = 4784.6'

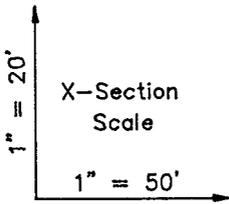
CHEVRON U.S.A., INC.

TYPICAL CROSS SECTIONS FOR

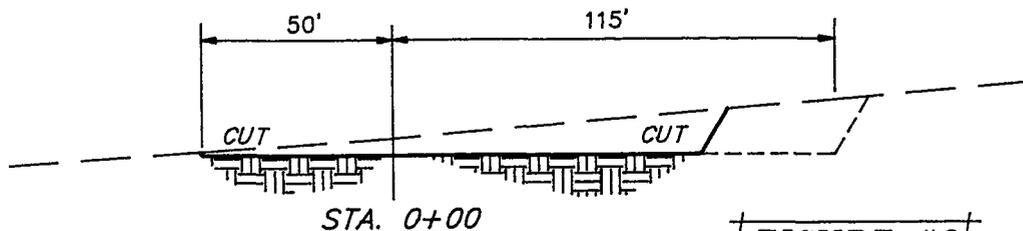
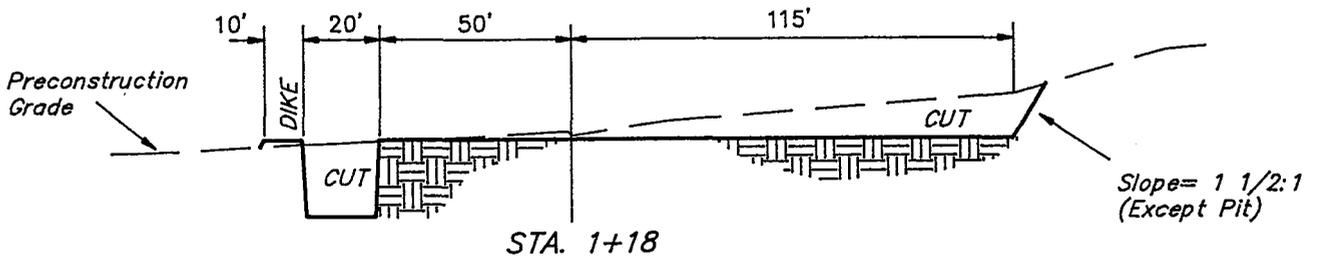
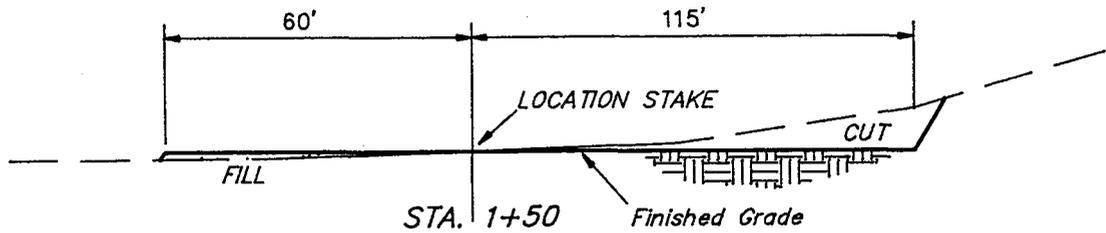
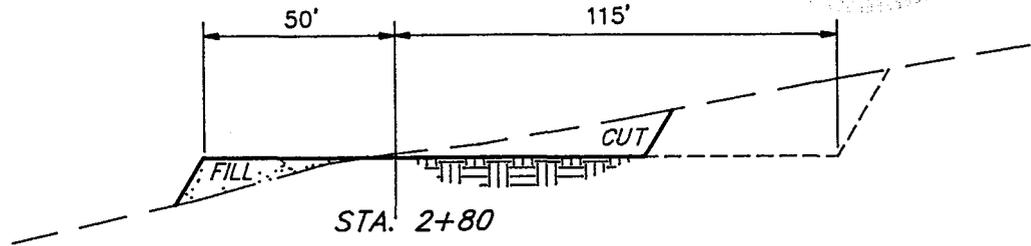
BRENNAN FEDERAL UNIT #5 "RE-ENTRY"

SECTION 18, T7S, R21E, 6th P.M.

1969' FNL 1833' FWL



DATE: 9-12-96
Drawn By: D.R.B.



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

FIGURE #2

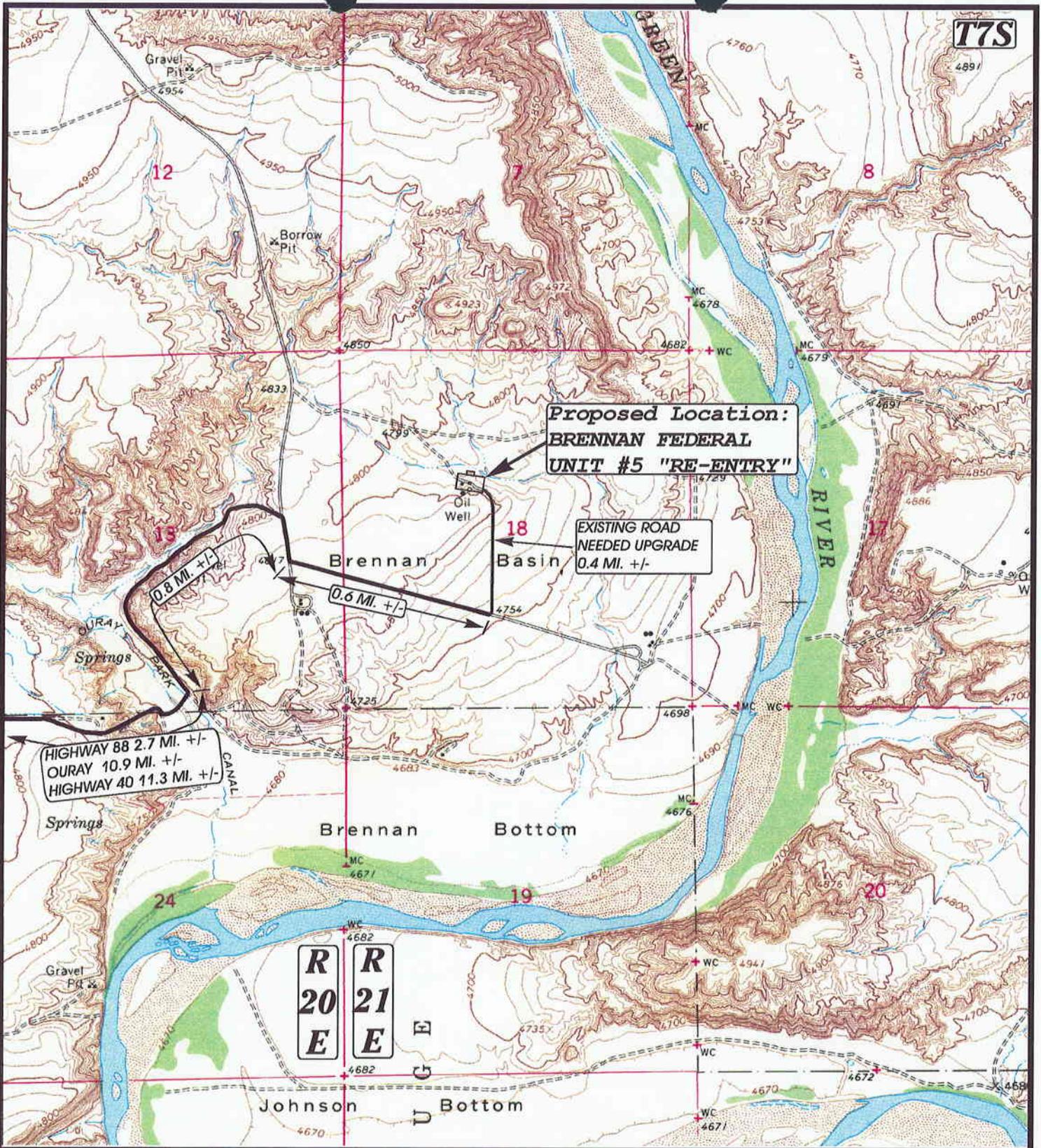
APPROXIMATE YARDAGES

CUT		
(NO) Topsoil Stripping	=	0 Cu. Yds.
Remaining Location	=	3,980 Cu. Yds.
TOTAL CUT	=	3,980 CU.YDS.
FILL	=	570 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 3,380 Cu. Yds.

Pit Backfill
(1/2 Pit Vol.) = 90 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 3,290 Cu. Yds.



**TOPOGRAPHIC
MAP "B"**

DATE: 9-12-96
Drawn by: D.R.B.

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

CHEVRON USA, INC.

BRENNAN FEDERAL UNIT #5 "RE-ENTRY"
SECTION 18, T7S, R21E, S.L.B.&M.
1969' FNL 1833' FWL

**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

5. LEASE DESIGNATION AND SERIAL NO.
SL-071745

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
RE-ENTER **DRILL** **DEEPEN**

b. TYPE OF WELL

OIL WELL GAS-WELL OTHER **WATER INJECTOR** SINGLE ZONE MULTIPLE ZONE

7. UNIT AGREEMENT NAME
**BRENNAN BOTTOM
UNIT**

8. FARM OR LEASE NAME, WELL NO.
BRENNAN FEDERAL #5

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

9. API WELL NO.
43-047-15420

3. ADDRESS AND TELEPHONE NO.
11002 E. 17500 S., VERNAL, UT 84078-8526 **(801) 781-4300**

10. FIELD AND POOL, OR WILDCAT
BRENNAN BOTTOM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1969' FNL, 1833' FWL, SENW

At proposed prod. zone
SAME

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
560
SEC. 18-T7S-R21E, SLBM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
27.7 MILES FROM VERNAL, UT

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
665'

16. NO. OF ACRES IN LEASE
751

17. NO. OF ACRES ASSIGNED TO THIS WELL
NA

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, 1893' OR APPLIED FOR, ON THIS LEASE, FT.
1893'

19. PROPOSED DEPTH
WSIC 7190'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4782' GR

22. APPROX. DATE WORK WILL START*
11/1/96

PROPOSED CASING AND CEMENTING PROGRAM

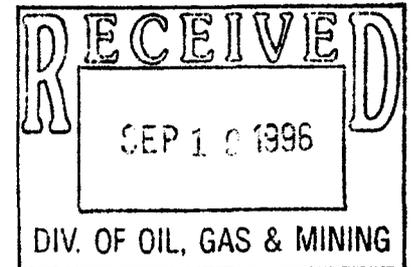
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10.75" H-40	32.75	276'	250 SX.
9"	7" J-55/N-80	20&23	7225'	250 SX.

We propose to re-enter this P&A'd oil well and complete it as a water injection well as part of the Brennan Bottom Unit waterflood development.

Attachments:

- Certified plat
- Thirteen Point Surface Use Plan
- Eight Point Drilling Plan
- Self Certification Statement
- Current wellbore schematic

A related UIC Permit Application has been submitted to the EPA for this well. Approval is requested.



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

24. SIGNED *St. C...* TITLE Red Wash Asset Team Leader DATE 9-16-96

(This space for Federal or State office use)

PERMIT NO. 43-047-15420 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 11/20/96

*See Instructions On Reverse Side

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.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/19/96

API NO. ASSIGNED: 43-047-15420

WELL NAME: BRENNAN FEDERAL 5 (RE-ENTRY)
 OPERATOR: CHEVRON USA INC (N0210)

PROPOSED LOCATION:
 SENW 18 - T07S - R21E
 SURFACE: 1969-FNL-1833-FWL
 BOTTOM: 1969-FNL-1833-FWL
 UINTAH COUNTY
 BRENNAN BOTTOM FIELD (560)

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

LEASE TYPE: FED
 LEASE NUMBER: SL-071745

PROPOSED PRODUCING FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number _____)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number A-4646)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: _____

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: CHEVON USA INC.	Well Name: BRENNAN FED 5
Project ID: 43-047-15420	Location: SEC. 18 - T7S - R21E

Design Parameters:

Mud weight (8.33 ppg) : 0.433 psi/ft
 Shut in surface pressure : 2635 psi
 Internal gradient (burst) : 0.068 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed 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)

*** WARNING *** Design factor for joint strength exceeded in design!

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	4,000	7.000	20.00	J-55	ST&C	4,000	6.331	
2	3,225	7.000	23.00	N-80	LT&C	7,225	6.250	

	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load (kips)	Tension Strgth (kips)	S.F.
1	1731	2104	1.215	2907	3740	1.29	134.54	234	1.74 J
2	3126	3830	1.225	3126	6340	2.03	64.73	442	6.83 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 09-19-1996
 Remarks :

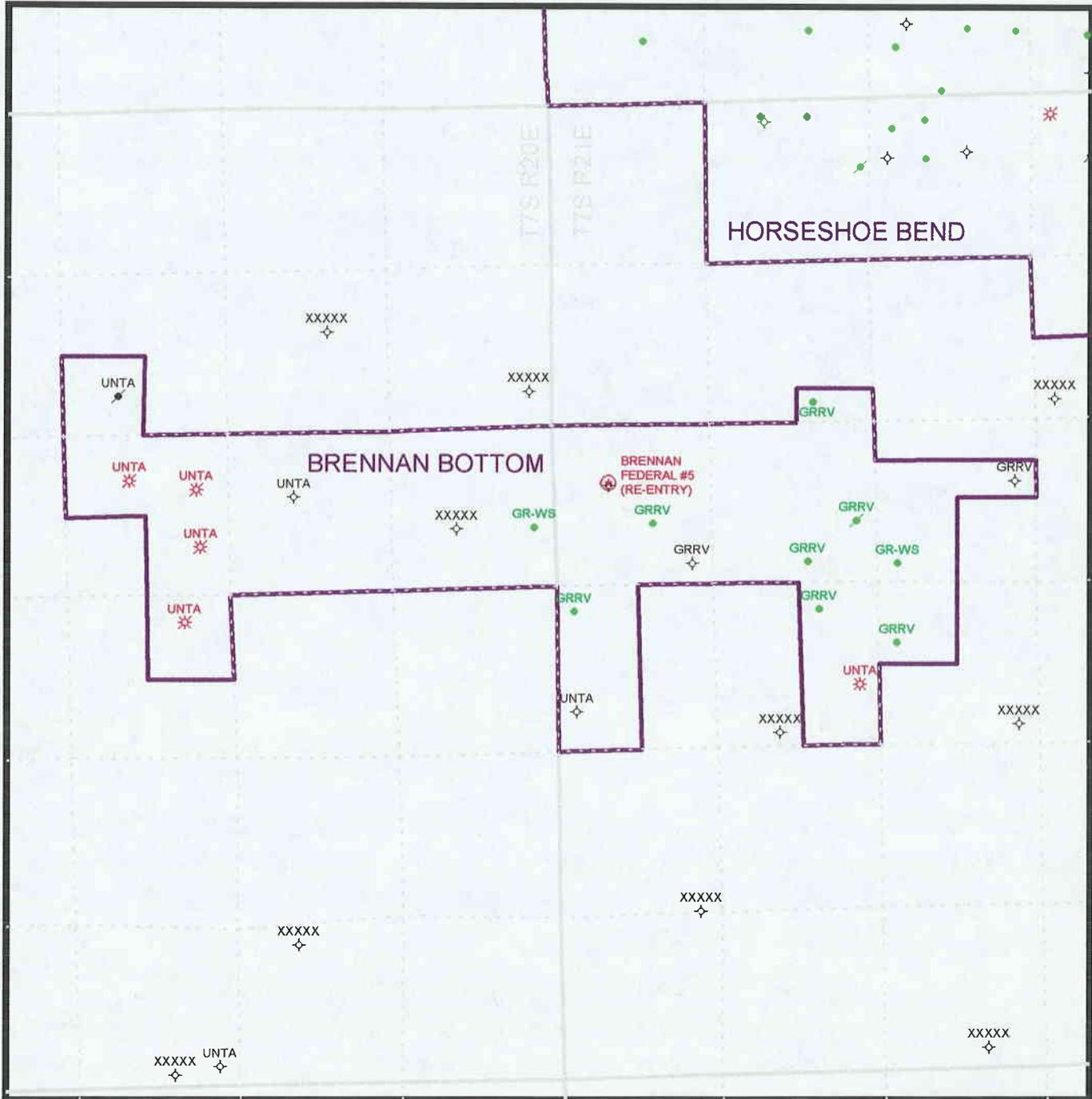
RE ENTRY
 WASATCH

Minimum segment length for the 7,225 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 125°F (Surface 74°F , BHT 175°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.433 psi/ft and 3,126 psi, respectively.

*Per Sally
 Shon Vernal
 UTSK 07179
 Fed. Lease*

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
SEC, TWP, RNG: 18, T7S, R21E
COUNTY: UINTAH
UAC:R649-3-2



PREPARED:
DATE: 23-SEPT-96



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

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,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure



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.

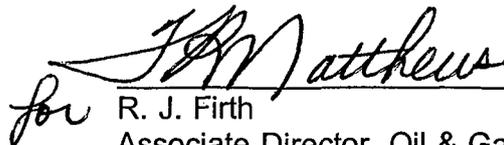
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Chevron USA, Inc. for administrative approval of the Brennan Federal #5 and Brennan Federal #11 wells, located in Section 18, Township 7 South, 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

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, Ranger 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.

PROOF OF PUBLICATION

ORIGINAL COPY

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

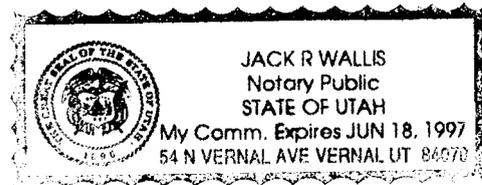
on the 16th day of October, 1996, that

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 APPLICA-
 TION OF CHEVRON USA, INC.
 FOR ADMINISTRATIVE APPROVAL
 OF THE BRENNAN FEDERAL #5 AND
 BRENNAN FEDERAL #11 WELLS LO-
 CATED 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 PER-
 SONS INTERESTED IN THE ABOVE
 ENTITLED MATTER.

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

The interval from 6743 feet to
 7112 feet (Green River Forma-
 tion) will be selectively perforat-
 ed for water injection. A maxi-
 mum requested injection
 pressure will be limited to 1926
 PSIG for the Brennan Federal #5
 well and 1897 PSIG for the Bren-
 nan 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 no-
 tice of intervention with the Divi-
 sion within fifteen days follow-
 ing publication of this notice. If
 such a protest or notice of inter-
 vention is received, a hearing
 will be scheduled before the
 Board of Oil, Gas and Mining.
 Protestants and/or intervenors
 should be prepared to demon-
 strate at the hearing how this
 matter affects their interests.

DATED this 10th day of Octo-
 ber, 1996.

STATE OF UTAH
 DIV. OF OIL, GAS AND MINING
 R. J. Firth
 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
 PUBLICATION 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

SIGNED BY *John Money*
 DATE 10/17/96

**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT.**

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING
 143 SOUTH MAIN STREET
 SALT LAKE CITY, UTAH 84145

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

Publication Notices were sent to the following:

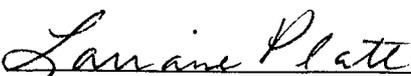
Chevron USA, Inc.
11002 East 17500 South
Vernal, Utah 84078-8526

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
Secretary



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 20, 1996

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

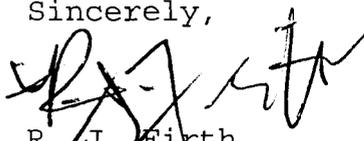
Re: Brennan Federal #5 (Re-entry) Well, 1969' FNL, 1833' FWL,
SE NW, Sec. 18, T. 7 S., R. 21 E., Uintah County, Utah

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 43-047-15420.

Sincerely,



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 #5 (Re-entry)
API Number: 43-047-15420
Lease: SL-071745
Location: SE NW 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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
RE-ENTER DRILL DEEPEN

b. TYPE OF WELL
OIL WELL GAS-WELL OTHER WATER INJECTOR SINGLE ZONE MULTIPLE ZONE

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

3. ADDRESS AND TELEPHONE NO.
11002 E. 17500 S., VERNAL, UT 84078-8526 (801) 781-4300

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1969' FNL, 1833' FWL, SENW
At proposed prod. zone: SAME

5. LEASE DESIGNATION AND SERIAL NO.
SL-071745

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
BRENNAN BOTTOM UNIT

8. FARM OR LEASE NAME, WELL NO.
BRENNAN FEDERAL #5

9. API WELL NO.
43-047-15420

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** UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
27.7 MILES FROM VERNAL, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 665'

16. NO. OF ACRES IN LEASE 751

17. NO. OF ACRES ASSIGNED TO THIS WELL NA

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, 1893' OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 7190'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4782' GR

22. APPROX. DATE WORK WILL START* 11/1/96

SEP 1996
RECEIVED
BUREAU OF LAND MANAGEMENT
VERNAL, UTAH

RECEIVED
SEP 19 1996

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10.75" H-40	32.75	276'	250 SX.
9"	7" J-55/N-80	20&23	7225'	250 SX.

We propose to re-enter this P&A'd oil well and complete it as a water injection well as part of the Brennan Bottom Unit waterflood development.

Attachments:

- Certified plat
- Thirteen Point Surface Use Plan
- Eight Point Drilling Plan
- Self Certification Statement
- Current wellbore schematic

A related UIC Permit Application has been submitted to the EPA for this well. Approval is requested.

RECEIVED
OCT 13 1996
BUREAU OF LAND MANAGEMENT
OIL, GAS & MINING

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

24. SIGNED [Signature] **TITLE** Red Wash Asset Team Leader **DATE** 9-16-96

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

PERMIT NO. **NOTICE OF APPROVAL** **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 Mineral Resources **DATE** NOV 23 1996

*See Instructions On Reverse Side

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.

11-080-600-213

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

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

Well Name & Number: Brennan Bottom Federal 5

API Number: 43-047-15420

Lease Number: UTSL - 071745

Location: SENW Sec. 18 T. 7S R. 21E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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

A. DRILLING PROGRAM

1. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable **3M** system installed and function tested prior to initiating drill out of any plugs.

2. Casing Program

As a minimum, the usable water shall be isolated and/or protected by remedial cementing of the production by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 1,797 ft.

3. 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.

4. .Coring, Logging and Testing Program

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

A cement bond log (CBL) will be run from the production casing shoe to \pm 1,576 ft. cement 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.

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.

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.

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 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) 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 3162.7-4.

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 onlease 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 on initial meter installations 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 Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
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 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. All powerlines constructed on Bureau of Land Management Lands will require prior Bureau of Land Management Approval.

d. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved unit plan of operations, and any applicable Notices to Lessees. The operator is fully responsible for the actions of his subcontractors. 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)

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,

A handwritten signature in black ink, appearing to read 'R. K. Firth'.

R. K. Firth
Associate Director

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





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

Michael O. Leavitt
Governor
Ted Stewart
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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

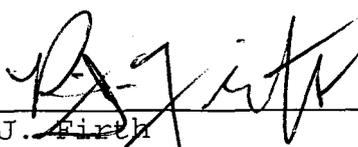
Cause No. UIC-181

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



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHEVRON USA

Well Name: BRENNAN FEDERAL # 5 (RE-ENTRY)

Api No. 43-047-15420

Section: 18 Township: 7S Range: 21E County: UINTAH

Drilling Contractor COLORADO WELL SERVICE

Rig # 78

SPUDDED:

Date 2/28/97

Time _____

How ROTARY

Drilling will commence _____

Reported by D. HACKFORD

Telephone # _____

Date: 3/3/97 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other WATER INJECTOR

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)
1969' FNL & 1833' FWL (SE NW) SECTION 18, T7S, R21E, SLBM

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 5

9. API Well No.
43-047-15420

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

11. County or Parish, State
UINTAH, UTAH

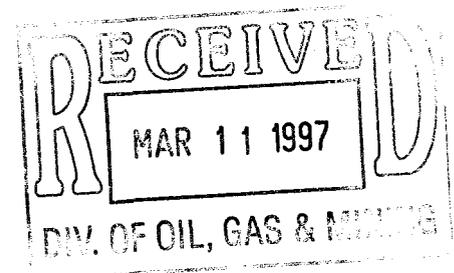
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <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 3/1/97. Jerry Kenczka at Bureau of Land Management and David Hackford at Utah State DOGM were given verbal notification on 2/28/97.



14. I hereby certify that the foregoing is true and correct.
Signed DC Janner Title COMPUTER SYSTEMS OPERATOR Date 3/6/97

(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 15420	Brennan Federal #5	SE NW	18	7S	21 E	Uintah	3/6/97	
WELL 1 COMMENTS: New well to be drilled in Brennan Federal Unit. Entity added 3-12-97. <i>for</i> (Brennan Bottom / CERV P.A.)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

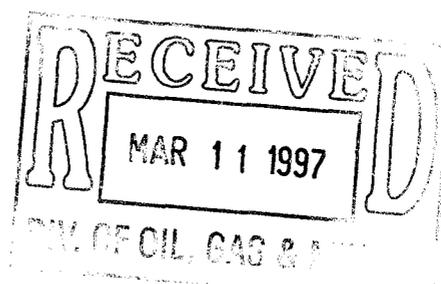
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

DC Janner
Signature

Computer Systems Opr. 3/6/97
Title Date

Phone No. (801) 781-4300



Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: N/A Date 3/24/97 Time 7:15 am/pm

Test conducted by: Gudac Bros

Others present: S.W. Helbert Chevron USA INC
Jerry Barnes B.L.M. - 3/24/97
Jesly Crinklan BLM 3/24/97

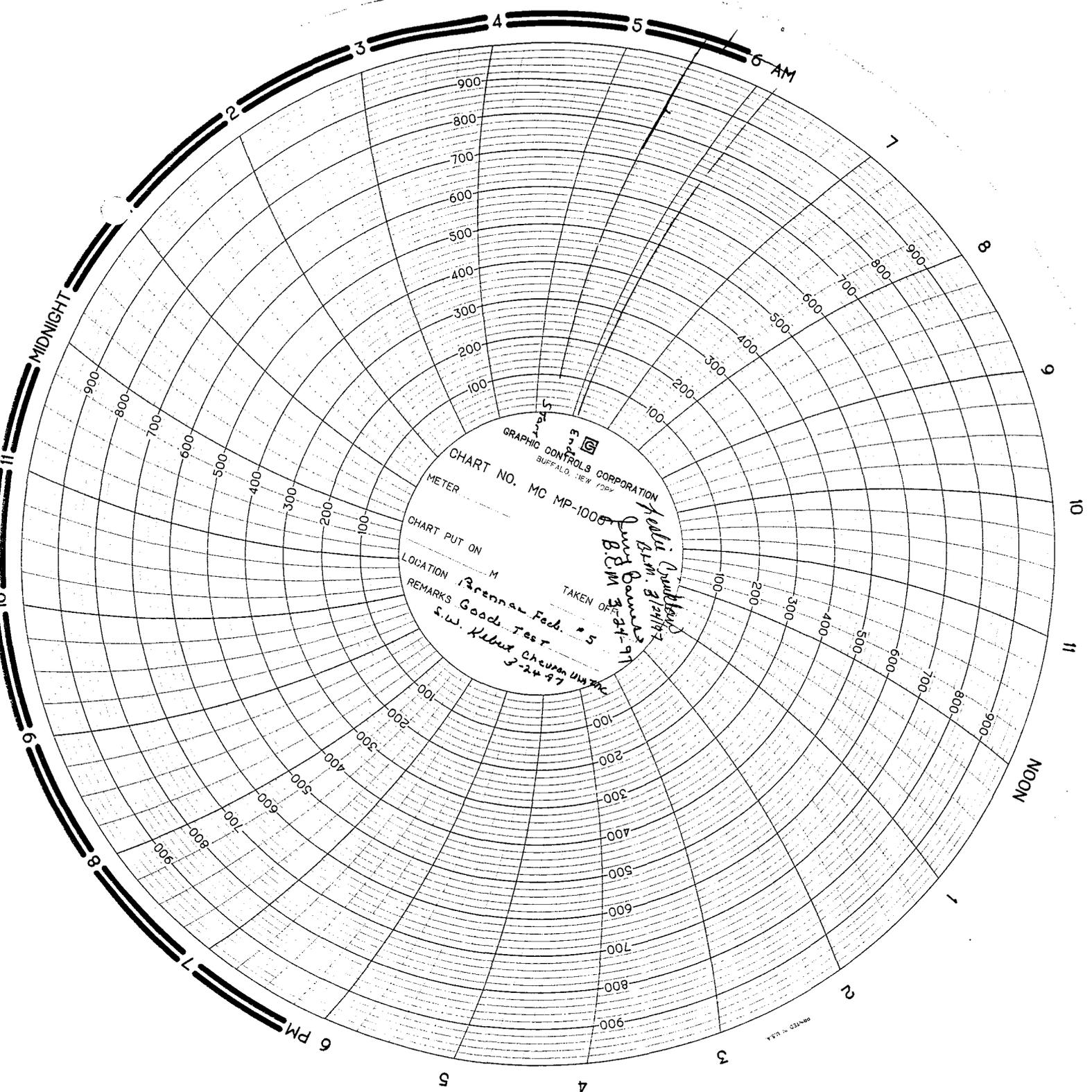
Well: Brennan Fed. #5 <u>43-047-15420</u>	Well ID: <u>S.L. - 071745</u> <u>UT2807-04341</u>
Field: Brennan Bottom	Company: Chevron USA INC
Well Location: Uintah County	Address: 11,002 East 17500 South
SE NW Sec. 18 - T7S - R21E	Vernal, UT. 84078-8526

Time	Test #1	Test #2	Test #3
0 min	<u>1050</u> psig	_____ psig	_____ psig
5	<u>1050</u>	_____	_____
10	<u>1050</u>	_____	_____
15	<u>1050</u>	_____	_____
20	<u>1050</u>	_____	_____
25	<u>1050</u>	_____	_____
30 min	<u>1050</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: S.W. Helbert Chevron USA INC. 3-24-97
Jerry Barnes B.L.M. Jesly Crinklan BLM 3/24/97

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



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000
METER

CHART PUT ON

LOCATION

REMARKS
P. Brennan Fed. # 5
Goods Test
S.W. Kibut Chemist
3-24-47

TAKEN OFF

Public (unreadable)
B. B. M. 3-24-47

**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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

7. UNIT AGREEMENT NAME
BRENNAN BOTTOM UNIT

8. FARM OR LEASE NAME

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

9. WELL NO.
BRENNAN FEDERAL #5

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

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

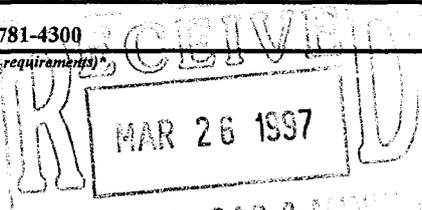
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

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

At surface **1980' FNL, 1830' FWL, SENW**

At top rod. interval reported below **SAME**

At total depth **SAME**



14. PERMIT NO. **43-047-15420** DATE ISSUED **11/25/96**
12. COUNTY OR PARISH **UINTAH** 13. STATE **UT**

15. DATE SPUNDED **3/1/97** 16. DATE T.D. REACHED **3/5/97** 17. DATE COMPL. (Ready to prod.) **3/24/97** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4821' KB, 4809' GL** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **7225'** 21. PLUG BACK T.D., MD & TVD **7082'** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **X** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6714' TO 7055' GREEN RIVER 25. WAS DIRECTIONAL SURVEY MADE **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL 3-20-97** 27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75# H-40	276'	15"	250 SX. REGULAR	NA
7"	20&23# J-55&N-80	7225'	9"	250 SX. REGULAR	NA
4-1/2"	11.6# L-80	7114'	NA - INSIDE 7"	190 SX. CLASS H HI-FILL LEAD, 160 SX. CLASS H TAIL	NA

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
				2-3/8	6663'	6663'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
OPEN - 6714-20', 6952-60', 7050-55'		6714-20'	2500 GAL. 28% HCL
EXCLUDED DURING P&A OR REMEDIAL CEMENTING - 301', 1800', 6712-13', 6721-22', 6914-26', 6950-51', 6961-70', 7036-48', 7101-12'		6952-60'	2500 GAL. 28% HCL
ALL PERFORATIONS 4 JSPF, 90° PHASING		7050-55'	750 GAL. 7-1/2% HCL

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.)

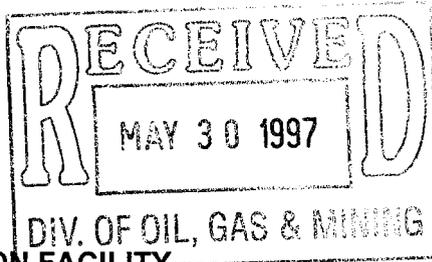
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

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, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Uinta	Surface	3505	No Core No DSTs LOG DESCRIPTION (From Page 1) GR-CBL-CCL - Gamma Ray Cement Bond Log	Green River - Oil Shale	4805	
Green River	3505	7025		Green River - G1 Lime	6713	
Wasatch	7025	TD		Green River - H4a	6952	



Chevron

MAY 29, 1997

**COMPLETION OF INJECTION FACILITY
BRENNAN BOTTOM UINT
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**

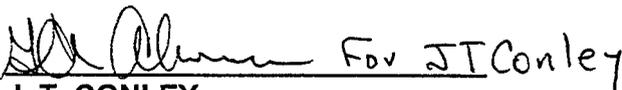
**MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
EFT-T**

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,


For J.T. Conley

**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**



Chevron

FEBRUARY 11, 1998

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

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

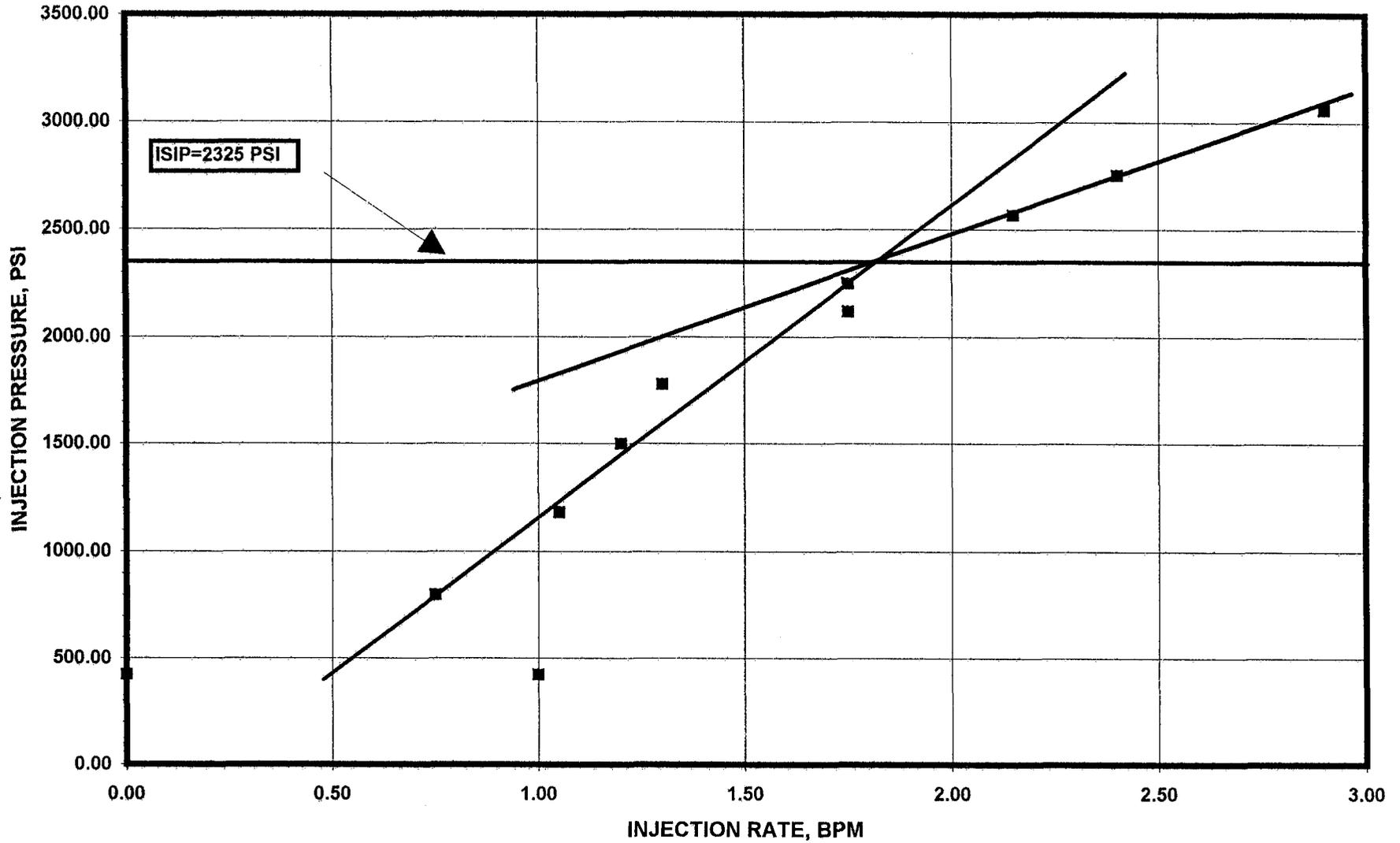
Enclosures

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





JOB LOG

ORDER NO. 70006

TICKET #

06226

TICKET DATE

2-11-98

REGION North America
 MBU ID / EMP # VE0104
 LOCATION VERNAL
 TICKET AMOUNT
 WELL LOCATION PELICAN LAKE
 LEASE / WELL # RICHMAN BASINS #5

NWA/COUNTRY PANAMA
 EMPLOYEE NAME JOHN DIRZWEIT
 COMPANY CHEVRON
 WELL TYPE 07
 DEPARTMENT
 SEC / TWP / RNG

BDA / STATE UTAH
 COUNTY UTAH
 PSL DEPARTMENT 5001
 CUSTOMER REP / PHONE GREG / RUSSELL
 API / UWI #
 JOB PURPOSE CODE

| 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 8.4 pp9
	0600							ON LOC - RIG UP
	0809					425		OPEN WELL TO JOB FOR INITIAL PRESS
	0831	1	0			425		START JOB TEST
	0851	25				800		PRESSURE + RATE
	0906	125				1150		"
	0921	125				1300		"
	0937	125				1380		"
	0951	125				2100		"
	1006	125				2250		"
	1021	215				2500		"
	1036	215				2500		"
	1110	104				2060		"
	1116	1				2350		151P
	1122	1				2060		15 MIN SHUT IN
	1122							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/cm ³ @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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

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

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

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

5. Lease Designation and Serial No.

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

7. If Unit or CA, Agreement Designation
**BRENNAN BOTTOM UNIT
 14-08-001-556**

8. Well Name and No.

9. API Well No.

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 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 CHANGE OF OPERATOR
	<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)

As of January 1, 2000 Chevron U.S.A. Inc. resigns as Operator of the Brennan Bottoms Unit.
The Unit number is 14-08-001-556 effective June 12, 1953.

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

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

Shenandoah Energy Inc.

By: Mitchell L. Solich
Mitchell L. Solich
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

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

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
 Conditions of approval, if any _____

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 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

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 (NWNE) SECTION 18, T7S, R1E
BRENNAN FEDERAL 14	U-046	43-047-32774	A	OIL	744' FNL & 461' FWL (NW NW) SECTION 18, T7S, R1E

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 Public 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

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:

May 28, 2003

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

Attention: John Baza/Jim Thompson

Gentlemen:

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

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

Yours truly,



Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & 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

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 Unita Basin
MFO

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>		API Number
Location of Well		Field or Unit Name <u>Brennan Bottom</u>
Footage :	County : <u>Wintah</u>	Lease Designation and Number
QQ, Section, Township, Range:	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>	Signature: <u>John Busch</u>
<u>city Vernal state UT zip 84078</u>	Title: <u>District Foreman</u>
Phone: <u>(435) 781-4300</u>	Date: <u>9-02-03</u>
Comments:	

NEW OPERATOR

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

(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.

RECEIVED

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 ^{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
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

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

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

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

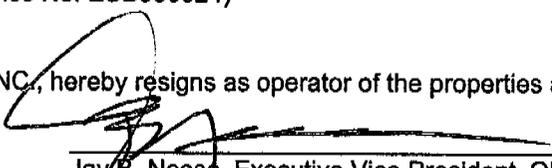
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible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

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

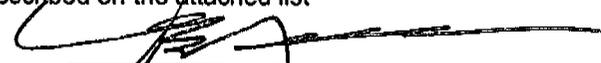
Utah State Bond Number: 965003033

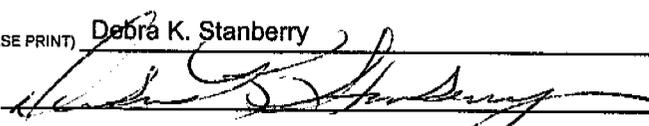
Fee Land Bond Number: 965003033

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


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) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE  DATE 3/16/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

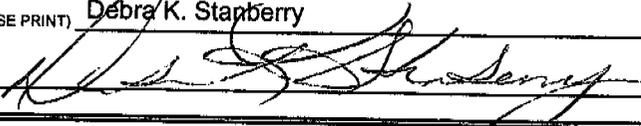
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street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

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

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

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

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

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

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APR 19 2007
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

April 23, 2007

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

Re: 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

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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

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AUG 16 2010

DIV. OF OIL, GAS & MINERALS

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

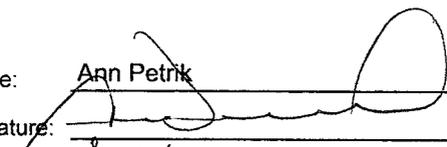
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

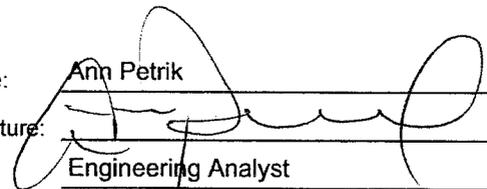
Well Name and Number See Attached List	API Number Attached
Location of Well Footage : Attached County :	Field or Unit Name Attached
QQ. Section, Township, Range: State : UTAH	Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

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

NEW OPERATOR

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

EPA approved well

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

SEP 02 2014

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SEP 05 2014

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-3230-0003-0727-5768
RETURN RECEIPT REQUESTED

Ms. Morgan Anderson
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 5 Well Name
EPA ID# UT20807-04341
API # 43-047-15420
Brennan Bottom Oil Field
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Ms. Anderson:

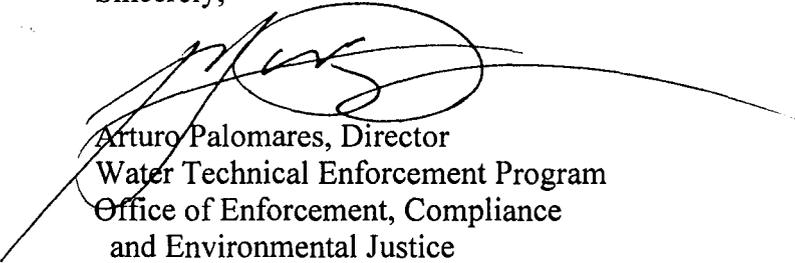
On August 18, 2014, the Environmental Protection Agency received information from QEP Energy Company on the above referenced well concerning the workover to address a loss of mechanical integrity and the followup mechanical integrity test (MIT) conducted on August 6, 2014. The data submitted shows that 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 August 6, 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
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Executive Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Tony Small, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Bruce Ignacio, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

✓ John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

RECEIVED

AUG 21 2015

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
DIV. OF OIL, GAS & MINING

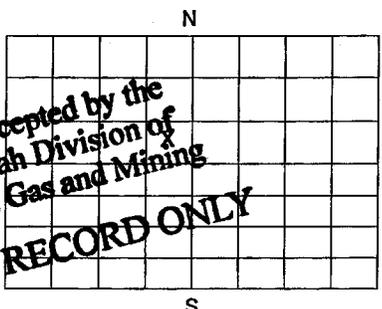
43 DA7 15A20

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE
UT

COUNTY
Uintah

PERMIT NUMBER
UT20807-04341



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

SURFACE LOCATION DESCRIPTION

SE 1/4 of NW 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 1980' ft. from (N/S) FNL Line of quarter section
and 1830' ft. from (E/W) FWL Line of quarter section

Enhanced Recovery
 Hydrocarbon Storage

Total Depth After Rework
7225'

Area

Lease Name

Date Rework Commenced
7/29/15

Well Number

Date Rework Completed
7/30/15

Brennan 5

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4"	276'	250 sx	Class G	6714'	6720'	
7"	7225	250 sx	Class G	6952'	6960'	

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

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4"	276'	250 sx	Class G	6714'	6720'	2,300 gallons 15% HCL (entire wellbore)
7"	7225	250 sx	Class G	6952'	6960'	

DESCRIBE REWORK OPERATIONS IN DETAIL

WIRE LINE LOGS, LIST EACH TYPE

USE ADDITIONAL SHEETS IF NECESSARY

Log Types

Logged Intervals

The Brennan 5 well was acidized with 2,300 gallons of 15% HCL

N/A

N/A

in an effort to clean the wellbore and increase performance.

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