

# FILE NOTATIONS

Entered in N. of File ✓  
 Entered On S. R. Sheet 2  
 Location Map Passed ✓  
 Card Indexed ✓  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief PMB  
 Copy NID to Field Office ✓  
 Approval Letter In Unit  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed: 7-16-63

Location Inspected \_\_\_\_\_

GW ✓ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ QS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land \_\_\_\_\_

## LOGS FILED

Dipr's logs 7-24-63

Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro 2

Lpt \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

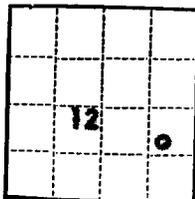


## GEOLOGIC TOPS:

*Electric Log 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	Halgaito tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SL LURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
	San Rafeal Gr.	Weber	Pogonip limestone
	Summerville	Morgan	CAMBRIAN
	Bluff sandstone	Hermosa	Lynch
	Curtis	Upper	Bowman
	Entrade	Lower	Tapeats
	Moab tongue	Molas	Ophir
	Carmel	Paradox	Tintic
	Glen Canyon Gr.	A	PRE-CAMBRIAN
Paleocene	Nava jo	B	
Current Creek	Kayento	C	
North Horn	Wingate	Manning Canyon	
CRETACEOUS	TRIASSIC	Mississippian	
Montana	Chinle	Chainman shale	
Mesaverde	Shinarump	Humbug	
Price River	Moenkapi	Joana limestone	
Blackhawk			

*Copy H-L-C*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-0806  
Unit Wonsits Valley

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)

Well No. 9 is located 200 ft. from S line and 600 ft. from E line of sec. 12  
NE SE Section 12 (of Sec. and Sec. 10.) 8 South (Twp.) 21 East (Range) SLBEM (Meridian)  
Red Wash (Field) Development (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5650.04 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: **Wonsits Valley Unit-Federal No. 9**

It is proposed to drill a well to test the Basal Green River sands to an approximate depth of 5800'.

8-5/8" OD surface casing will be set at approximately 200' and cemented to the surface. If commercial production is encountered, 5-1/2" OD oil string will be set.

All possible producing horizons will be adequately tested or evaluated by means of coring, drill stem tests or electric logs.

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 P. O. Box 1971

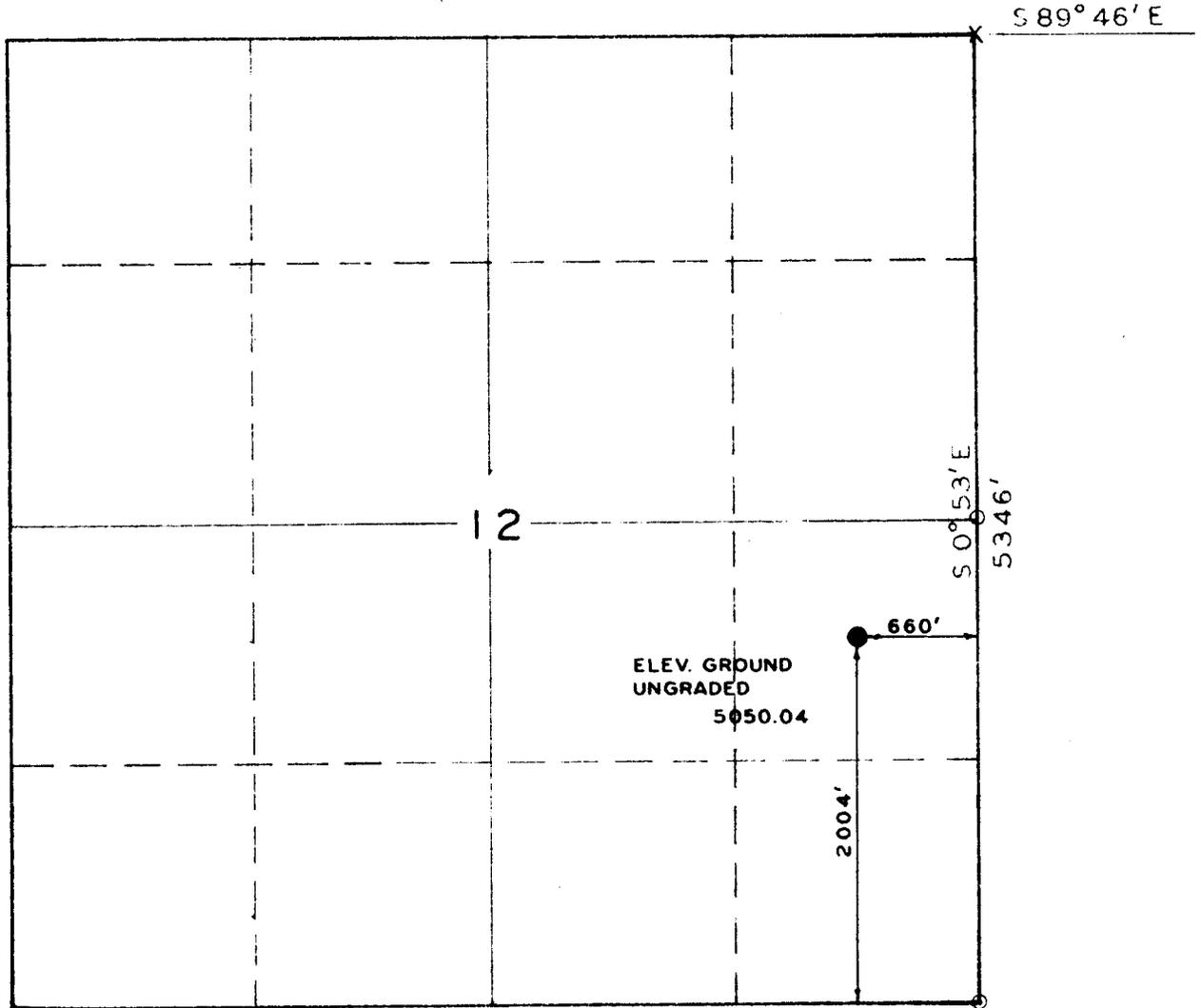
Casper, Wyoming

By \_\_\_\_\_

cc: Utah O&G Cons. Comm. (2)

Title Area Production Manager

T 8 S, R 21 E, SLB & M



X = Corner Located (brass cap)  
 O = Corners Re-established by  
 proportionate measurement.

Scale: 1" = 1000'

*Nelson J. Marshall*

By: ROSS CONSTRUCTION CO.  
 Vernal, Utah

PARTY Gene Stewart Raymond Stewart  WEATHER Clear-Warm	SURVEY GULF OIL CORP. WELL LOC. WONSITS VALLEY FED. NO. 9 LOC- ATED AS SHOWN IN THE NE 1/4, SE 1/4, SEC. 12 T 8 S, R 21 E, SLB & M. UINTAH COUNTY, UTAH.	DATE 5/15/63 REFERENCES GLO Township Plat FILE GULF
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake  
LEASE NUMBER M-022158  
UNIT Mojave Valley

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1963.

Agent's address P. O. Box 1971 Company Gulf Oil Corporation  
Casper, Wyoming Signed [Signature]

Phone 23 5-5783 Agent's title Area Production Manager

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 NE 8	8S	22E	1	0	0		0		0	Shut in
NE NW 8			2	27	9,439		4,011		112	
NE NE 7			3	28	10,102		4,293		143	
SW NE 7			4	30	17,728		5,318		168	
NE NW 7			5	31	10,852		3,386		31	
NE NW 7			6	15	5,251		No Test Taken		8	
SW NW 7			7							IPE
NE NE 12		21E	8							Drilling 4343'.
NE SE 12			9							Drilling 4494'.
					53,372	28.3	17,008		462	

2 - U. S. G. S., Casper  
2 - Utah Oil & Gas Com. Comm., Salt Lake  
2 - Area  
1 - Oklahoma City District

Mojave Valley Unit-Federal

NOTE.—There were 53,372 runs or sales of oil; no M cu. ft. of gas sold;

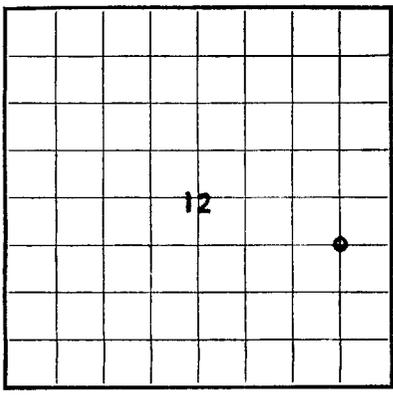
no runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Card  
 110  
 file 810  
 Form 9-330

Form approved.  
 Budget Bureau No. 42-R355.4.

9  
 [Signature]

U. S. LAND OFFICE Salt Lake  
 SERIAL NUMBER U-0806  
 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 1971, Casper, Wyoming  
 Lessor or Tract Wonsits Valley Unit-Federal Field Red Wash State Utah  
 Well No. 9 Sec. 12 T. 8S R. 21E Meridian SLB&M County Uintah  
 Location 2004 ft. <sup>[N.]</sup><sub>[S.]</sub> of S Line and 660 ft. <sup>[W.]</sup><sub>[E.]</sub> of E Line of Section 12 Elevation 5060' (Derrick floor relative to sea level) **KD**

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 September 20, 1963 Title Area Production Manager

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

Commenced drilling May 20, 1963 Finished drilling June 7, 1963

5339' 5344' OIL OR GAS SANDS OR ZONES			
(Denote gas by G)			
No. 1, from	<u>5403'</u>	to	<u>5427'</u>
No. 2, from	<u>5456'</u>	to	<u>5470'</u>
No. 3, from	<u>5486'</u>	to	<u>5490'</u>
No. 4, from	<u>5504'</u>	to	<u>5510'</u>
No. 5, from	<u>5520'</u>	to	<u>5530'</u>
No. 6, from	<u>5594'</u>	to	<u>5598'</u>

IMPORTANT WATER SANDS

No. 1, from	<u>NONE</u>	to	_____
No. 2, from	_____	to	_____
No. 3, 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—	
<u>8-5/8"OD</u>	<u>248</u>	<u>8 Rd</u>	<u>J</u>	<u>214'</u>	<u>Guide</u>	<u>20-5/8" holes</u>	<u>5556'</u>	<u>5566'</u>	<u>Surface</u>
<u>5-1/2"OD</u>	<u>144</u>	<u>8 Rd</u>	<u>J</u>	<u>1579'</u>	<u>Sub</u>	<u>10-5/8" holes</u>	<u>5605'</u>	<u>5510'</u>	<u>Production</u>
						<u>10-5/8" holes</u>	<u>5525'</u>	<u>5530'</u>	
						<u>8-5/8" holes</u>	<u>5487'</u>	<u>5490'</u>	
						<u>Notch</u>	<u>5459.5'</u>	<u>5406'</u>	<u>5383'</u>
							<u>5343'</u>		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"OD</u>	<u>224'</u>	<u>150 with 3% salt, 2% cc</u>	<u>Pump &amp; Plug</u>		
<u>5-1/2"OD</u>	<u>574.3'</u>	<u>165 with 2% HA5</u>			

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

4.  
 FOLD MARK

3-5/8" OD	224'	150 with 3% salt, 2% cc. Pump S. Plug		
5-1/2" OD	5743'	165 with 2% HAS		

FOLD MARK

**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 5870 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing July 16, 1963  
 The production for the first 24 hours was 821 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% 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**

Dellson Drilling Company, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller \_\_\_\_\_

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2790'	2790'	Shale with interbedded sandstone
2790'	2990'	200'	Sandstone
2990'	4420'	1430'	Limestone with shale stringers
4420'	5334'	914'	Limestone and shale interbedded
5334'	5610'	276'	Sandstone with interbedded shale
5610'	5870'	260'	Limestone and shale interbedded
TD 5870'			
PBTD 5690'			
<b>E LOG TOPS</b>			
Basal Green River	4707'		
E-5	5338'		
F-1	5382'		
F-2	5402'		
F-4	5456'		
F-5	5497'		
G	5552'		
Wesatch	5824'		

SEE REVERSE SIDE

SEP 24 1963

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
<b>FRACED</b>			
<p>Preparing to frac G sand and F-5 sands. Shut in 12 hours, 100 psi on tubing. Opened well, would not bleed down. Pumped in 50 barrels oil, could not kill. Killed with salt water. Fraced well with 50-50 mixture of No. 5 burner fuel and Mancos crude. Spearheaded with 225 barrels fluid adomited; 5000 gallons fluid gelled, .15 ppg, 12-20 mesh walnut shells, 10 sealer balls; 1000 gallons frac fluid, no propping agent; 5000 gallons fluid, .15 ppg, 12-20 mesh walnut shells, 10 sealer balls; 1000 gallons frac fluid, no propping agent. Head leaked, so flushed with 138 barrels. Repaired leak. Pumped 5000 gallons frac fluid with .15 ppg, 12-20 mesh walnut shells and flushed. When first balls hit, had 200 psi increase, then another 200 psi increase. Last flush had one more increase. 2000 psi at start. Average 2000 psi, injection rate 36 bpm. Second stage: 3400 psi, final pressure, injection rate 11 bpm. Initial shut in 1300 psi, 1000 psi in 20 minutes, 900 psi in two hours. Preparing to frac F-4 sand at 5400.5'. Tubing pressure 275 psi after 12 hours shut in.</p>			
<p>Fraced F-4 sand as follows with 50-50 Mancos crude and No. 5 burner fuel. spear-head 225 barrels Adomited at 2900 to 3100 psi. 50 barrels frac fluid with 1/2 ppg, 12-20 mesh beads. Pressure broke to 2200 psi at 39 bpm rate.</p>			
	<p>40 barrels frac fluid 50 barrels frac fluid 25 barrels frac fluid 30 barrels frac fluid</p>		<p>1 ppg 12-20 mesh beads 1-1/4 ppg 12-20 mesh beads 1 ppg 12-20 mesh beads 1-1/2 ppg 12-20 mesh beads</p>
<p>Flushed with 116 barrels. Lacked 10 barrels of flush and screened out. Initial shut in 1700 psi, 900 psi in 1 hour, 200 psi in 4 hours.</p>			
<p>Fraced F-2 sand at 5406' as follows: 215 barrels spearhead, 50-50 No. 5 burner and Mancos crude Adomited.</p>			
	<p>18 barrels 90 barrels 80 barrels 50 barrels</p>		<p>1/2 ppg 12-20 beads adomited and 1 ppg 12-20 beads gelled 1-1/4 ppg 12-20 beads 1-1/2 ppg 12-20 beads</p>
<p>125 barrels flush. Maximum pressure 2350 psi, injection rate 36-38 BOPH. Shut down 1350 psi, 1000 psi in 20 minutes, 250 psi in 3 hours.</p>			
<p>SHOOTING RECORD</p> <p>STOPS AND ADVISERS</p>			

LOGD 1 MARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS  
(Other instructions on re-  
verse side)

Form approved:  
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley Unit

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Wonsits - Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12-8S-21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5060'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

XXXXX FOR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

<input type="checkbox"/>

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<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.)\*

This well is currently producing at a rate of 50 BO and 7 BWPD from eight sets of perforations in the E-5, F-1, F-2, F-4, F-5, and G-1 zones. The declining production is attributed to calcium carbonate scale deposition. It is proposed to increase current oil production by acidizing down casing using 8 batches each of 1000 gallons 15% HCL acid containing an inhibitor and non-emulsifying agent and separated by 7 batches of 20 ball sealers. Total will be 8000 gallons acid and 140 ball sealers.

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

SIGNED

J. G. Garner  
J. G. Garner

TITLE

Senior Engineer

DATE

June 6, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil & Gas Commission

\*See Instructions on Reverse Side

610

33

7

# Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour  
AREA PRODUCTION MANAGER  
B. W. Miller  
AREA EXPLORATION MANAGER

P. O. Box 1971  
Casper, Wyo. 82602

September 27, 1963

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Re: Rule C-19  
Gas-Oil Ratio Test  
Wonsits Valley Unit-Federal No. 9

Gentlemen:

Test of July 15, 1963, showed the following:

Oil	821 barrels ✓
Water	-
Hours Tested	24 hours
Normal Hours Produced	24 hours
Gas - MCF	240 MCFD ✓
GOR	293 ✓
Cycle or Choke	14-1/2" x 100"
Pump Bore	2-1/4"
Gravity at 60°	28.4

Very truly yours,

  
Lester LeFavour

JEL: sjn





Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
 In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR 1975	A. F. E. 89415	LEASE AND WELL Wonsits Valley Unit/St-Fed #9
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WONSITS VALLEY FIELD

Wonsits Valley Unit/St-Fed #9  
 12-8S-21E, Uintah Co., Utah  
 1.0000

8/6/75 RECONDITION WELL. Gulf AFE 89415. 5,690' PBTD. Stripping out tbg & rods. MI & RU pulling unit - Cannon Well Service, Contractor. Attempted to pull rods and pump. Unable to unseat pump. On 8/7, SI to repair pulling unit. Fin stripping out tbg and rods. Acidized down csg by Howco w/ 8000 gals 15% inhibited HCL acid containing 5 gals 3N non-emulsifying agent per 1000 gals acid in 8 stages as follows: pumped 150 bbls fresh wtr spearhead, pumped 1000 gals acid per stage following each stage w/ 20 7/8" RCN ball sealers. Flushed w/ 117 BW. IP 0#, incr to 600 psi w/ 126 BW in. Press dropped 200 psi w/ acid on formation at rate of 8 B/M. Had press incr on 3 sets of balls. FP 500 psi. Press dropped to 0 almost immediately when pump was SD. SD for repairs to pulling unit. 459 BW yet to recover (Note: acid pump was down 7 or 8 min after about 1/2 of acid treatment. Ball sealers on perfs at that time may or may not have fallen off. It is possible only half of the zones were acidized.) On 8/8, pumping, no gauge. Ran tbg, pump and rods. Put well to pumping. TD & MO pulling unit. On 8/9, pumped 43 BO & 224 BW, in 24 hrs. 235 BW yet to recover. On 8/10, pumped 51 BO and 213 BW, in 24 hrs. 22 BW yet to recover. On 8/11, pumped 52 BO and 211 BW in 24 hrs. 189 Bbls formation wtr. On 8/12, pumped 69 BO and 270 BW, in 24 hrs. 11x100 SPM, 1-3/4" pump. 459 bbls formation wtr. On 8/13, pumped 75 BO & 291 BW in 24 hrs. 11x100 SPM, 1-3/4" pump. On 8/14, pumped 77 BO and 286 BW, in 24 hrs. 11x100 SPM, 1-3/4" pump. Prior to acidizing, tested 54 BO and 1 BW on 6/5/75. DROP.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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

Form approved.  
Budget Bureau No. 42-R1424.

**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"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-02511</b>
2. NAME OF OPERATOR <b>Gulf Oil Corporation</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME  ---
3. ADDRESS OF OPERATOR <b>P. O. Box 2619; Casper, WY 82602</b>		7. UNIT AGREEMENT NAME <b>Wonsits Valley</b>
4. LOCATION OF WELL (Report location clearly and in accordance with state requirements. See also space 17 below.) At surface  <b>565' NSL &amp; 1843' WEL (SW SE)</b>		8. FARM OR LEASE NAME <b>Wonsits Valley Unit State/Federal</b>
14. PERMIT NO.  ---		9. WELL NO. <b>9</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  <b>5324' KB</b>		10. FIELD AND POOL, OR WILDCAT <b>Wonsits Valley</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  <b>32-7S-22E</b>
		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>



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 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) Install high volume submersible

(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.)\*

It is proposed to install a high volume submersible pump in Well No. 9 to pump the well down and recover additional oil which might otherwise be bypassed.

In order to accomplish this, a 1400 volt, 3 wire line, 1500' long, using six poles to support the well, will be construction as shown on the attached plat. This line will be constructed from just south of Well No. 87 to Well No. 9.

No additional surface disturbance for this activity.

APPROVED BY THE DIVISION OF  
OIL, GAS AND MINING  
DATE: P. L. Bussell  
BY: Sept. 29 1976

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

SIGNED: F. R. Matthews TITLE: Senior Petroleum Engineer DATE: 9-24-76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved,  
Budget Bureau No. 42 R356.5.  
LAND OFFICE Salt Lake City  
LEASE NUMBER .....  
UNIT Wonsits

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wonsits-Wonsits Valley

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1975

Agent's address P. O. Box 2619 Company Gulf Oil Corporation  
Casper, Wyoming 82601 Signed Richard White  
Phone 307-235-5783 Agent's title Senior Clerk

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, describe if shut down, cause, date and result of test for gasoline content of 2 cu)
NE SW 29	7S	22E	2	0	0		-		None	T.A.
NE NE 32	7S	22E	3	0	0		-		None	T.A.
NE SE 32	7S	22E	4	0	0		-		None	T.A.
SW NE 32	7S	22E	5	30	986		-		211	
NE NE 5	8S	22E	6	0	0		-		None	T.A.
NE SE 5	8S	22E	7	0	0		-		None	T.A.
SW NE 5	8S	22E	8	0	0		-		None	T.A.
SW SE 32	7S	22E	9	0	0		-		None	Water Inj. T.A.
SW SE 5	8S	22E	10	0	0		-		None	T.A.
NE SW 5	8S	22E	11	0	0		-		None	T.A.
SW SW 5	8S	22E	12	0	0		-		None	T.A.
SW SE 6	8S	22E	13	0	0		-		None	T.A.
SW SW 6	8S	22E	14	0	0		-		None	Water Inj. T.A.
NE SE 6	8S	22E	15	0	0		-		None	Water Inj. T.A.
SW NW 6	8S	22E	16	0	0		-		None	P&A 2-25-68
SE NE 5	8S	22E	17	0	986	29.2	-		None	T.A.
TOTAL										

OIL: (Barrels)

On hand beginning of month 735  
Produced during month 986  
Sold during month 844  
Unavoidably lost 0  
Reason \_\_\_\_\_  
On hand at end of month 877

GAS: (MCF)

Sold None  
Flared/Vented None  
Used On/Off Lease 1,181 \*  
\*Purchased from Wonsits Valley Unit

WATER: (Barrels)

Disposition 211  
Pit 0  
Injected 211

- 2 - U.S.G.S., SLIC
- 2 - Utah Oil & Gas Cons. Comm.
- 1 - DeGolyer and MacNaughton
- 2 - Amoco
- 2 - Chevron
- 1 - JGG
- 1 - OC
- 2 - File

1 - None There were 844.32 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 duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APR 25 1985

SUNDRY NOTICES AND REPORTS ON WELLS

DIVISION OF OIL AND GAS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

GAS & MINING

1.  oil well  gas well  other

2. NAME OF OPERATOR  
GULF OIL CORPORATION ATTN R.W.HUWALD

3. ADDRESS OF OPERATOR  
P O BOX 2619, CASPER, WY 82602 2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Blanket Sundry</u>	

5. LEASE  
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Wonsit Valley

8. FARM OR LEASE NAME  
Wonsits Valley Unit St/Fed

9. WELL NO.  
#9

10. FIELD OR WILDCAT NAME  
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
85. 21E. 12

12. COUNTY OR PARISH: 13. STATE  
Uintah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDS, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Per conversation between K. S. Aslesen & J. Sparger, on March 27, 1985, Temporary lined work pits will be used for all future casing repair work.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED J. R. Bocer TITLE AREA ENGINEER DATE APR 9 1985

J. R. BOCKER (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

# Gulf Oil Exploration and Production Company

L. G. Rader  
PRODUCTION MANAGER - CASPER AREA

July 2, 1985

P. O. Box 2619  
Casper, WY 82602

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 05 1985

Gentlemen:

DIVISION OF  
GAS & MINING

Effective July 1, 1985, the corporate name of Gulf Oil Corporation was changed to Chevron U.S.A. Inc. This will be applicable to all operations, agreements, contracts, documents, and permits of Gulf Oil Corporation in the area of and/or under your jurisdiction.

The attached information is being furnished to facilitate the name change of appropriate records under your authority, and submitted as our understanding of the procedure required to accomplish the change.

Please advise this office or the office listed on the attachments should additional information be needed.

Sincerely,



L. G. Rader

KWR/mdb

Attachments



A DIVISION OF GULF OIL CORPORATION

TELEPHONE: (307) 235-1311

<u>Lease Name</u>	<u>Field</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>State</u>
Wonsits Valley Unit #54	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #55	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #56	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #57	Wonsits WV	2	8S	21E	Uintah	UT
Wonsits Valley Unit #58	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #59	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #6	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #60	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #61	Wonsits WV	18	8S	21E	Uintah	UT
Wonsits Valley Unit #62	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #63	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #65	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #66	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #67	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #68	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #69	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #70	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #71	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #72	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #73	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #74	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #75	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #78	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #8	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #80	Wonsits WV	23	8S	21E	Uintah	UT
Wonsits Valley Unit #81	Wonsits WV	24	8S	21E	Uintah	UT
Wonsits Valley Unit #82	Wonsits WV	24	8S	21E	Uintah	UT
Wonsits Valley Unit #83	Wonsits WV	23	8S	21E	Uintah	UT
Wonsits Valley Unit #84-2	Wonsits WV	23	8S	21E	Uintah	UT
Wonsits Valley Unit #85	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #86	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #87	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #88-2	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #89	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #9	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #92	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #93	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #94	Wonsits WV	11	8S	21E	Uintah	UT

06/27/85  
leases gulf operated/file2

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

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004--0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

U-0806  
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.)

**RECEIVED**

**AUG 04 1986**

**DIVISION OF OIL  
GAS & MINING**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any special instructions.  
See also space 17 below.)  
At surface

2004' FSL 660' FEL (NE SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5060' KB

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley Fed Unit

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Wonsits-Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 12, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

Convert to Injection

(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.)\*

It is proposed to repair csg and convert the well to water injection into the Green River Fm using existing perf as follows: MIRU. NUBOPs. POH w/prod equip. Locate and isolate leaks in csg, testing to 500 psi. If leaks are found, isolate existing perf w/CIBP. Cut csg. Pull bad csg. Run csg patch and new 5 1/2", 15.5%, K55 LTC csg. Cmt to surf. Drill out cmt. Test csg to 500#. Clean out to PBTD. Breakdown perfs f/5343', 5383', 5406', 5460', 5487'-90', 5505'-10', 5525'-30' and 5556'-66'. Acidize each zone w/15% HCl acid. Swab well. Set perm-pkr @ ±2520'. Run 2-3/8" injection string. Test annulus to 500 psi. NU injection tree. Turn well over to production for injection. Estimated injection rate is 750 BWPD @ ±2000 psi or less. Request exemption on testing csg and tbg annulus to 500 psi rather than 1000 psi.

Anticipated move on is August 25, 1986.

- 3 - BLM
- 3 - STATE
- 1 - BIA
- 1 - BJK
- 3 - DRLG
- 1 - FILE

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

SIGNED

*L.L. Kuznetsov*

TITLE Associate Environmental Specialist

DATE July 31, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



**Chevron U.S.A. Inc.**  
Overthrust Area Office, P. O. Drawer AA, Evanston, WY 82930

**T. L. Perryman**  
Area Operations Superintendent

October 7, 1986



DIVISION OF  
OIL, GAS & MINING

State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Mr. Gil Hunt  
UIC Program Manager

Gentlemen:

Enclosed is an Application for Injection Well filed pursuant to Rule 502, of the Rules and Regulations of the Board, requesting administrative approval to inject water into the Green River formation, in furtherance of a pressure maintenance project in the Wonsits Valley State/Federal Unit, Uintah County, Utah.

Enclosed is Chevron's check for \$25.00 to cover the filing fee of the Application.

In compliance with Rule 502(12), a complete copy of the Application has been mailed to the parties named below.

Sincerely,

TAK:gp  
Enclosures

cc: Bureau of Land Management  
Vernal District Office  
170 South 500 West  
Vernal, Utah 84078

Bureau of Indian Affairs  
Uintah and Ouray Agency  
Fort Duchesne, Utah 84026



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 6, 1986

Chevron U.S.A. Incorporated  
P.O. Box 599  
Denver, Colorado 80201

ATTN: L.L. Kirkpatrick

Dear Mr. Kirkpatrick:

RE: Sundry Notice to Convert to Injection, Wonsits Valley #9, T8S,  
R21E, Sec. 12, Uintah County, Utah

The Division received a sundry notice requesting approval to convert the above referenced well to injection. According to our records, we have not received an application for injection in accordance with Rule 502 (enclosed).

The notice also requests an exception to the casing testing requirements of Rule 505. Rule 201 requires consent of the EPA before exceptions to the UIC rules can be granted.

Please provide the following so that approval may be granted by this office for converting the well to injection and be exempted from the requirements of Rule 505:

- 1) A complete application including Form DOGM-UIC-1.
- 2) Technical information to justify an exemption to Rule 505.

If you have any questions concerning this matter, please call.

Sincerely,

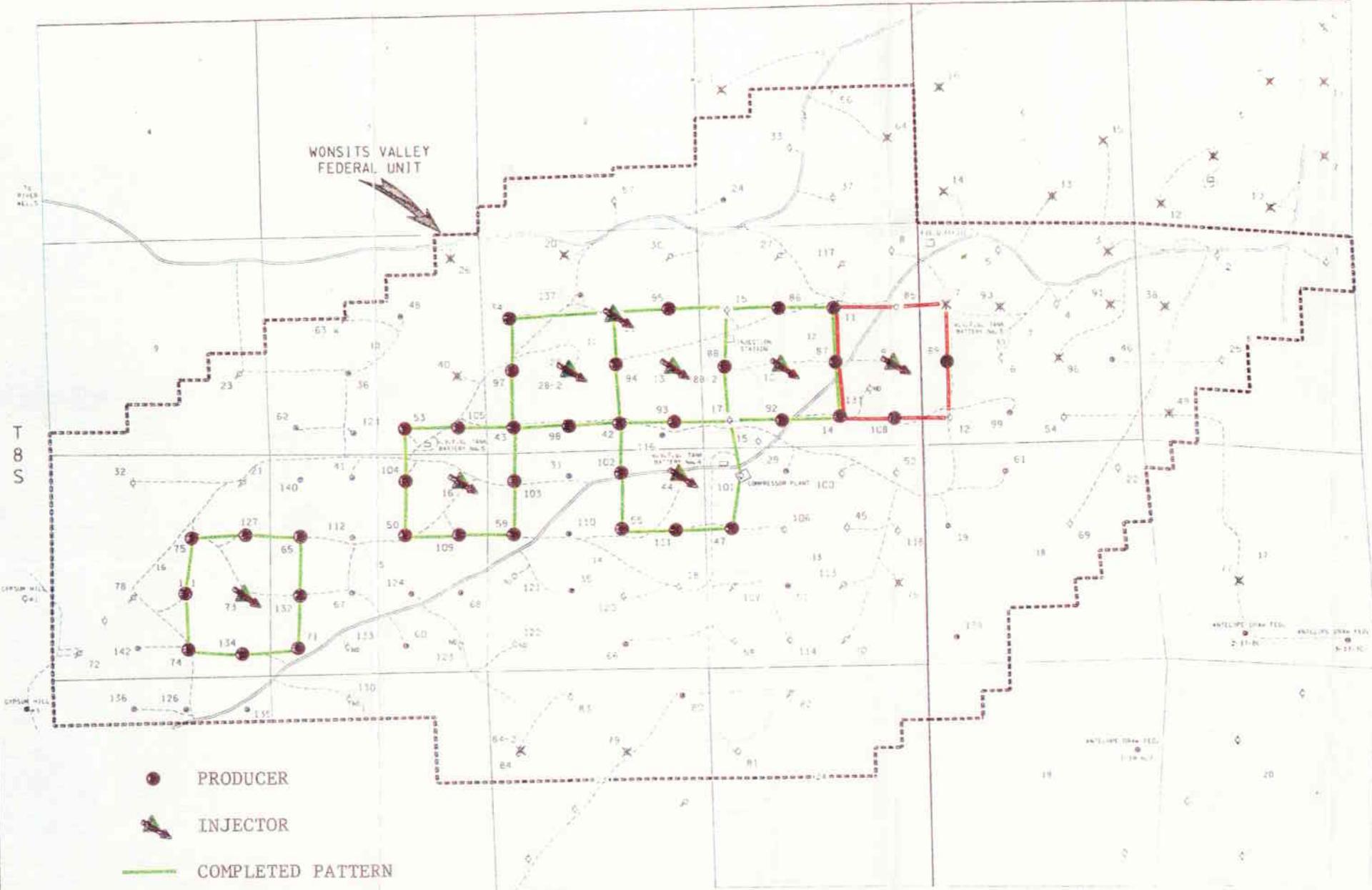
Gil Hunt  
UIC Program Manager

mfp  
Enclosure  
0156U-86

R 21 E

R 22 E

WONSITS VALLEY FEDERAL UNIT



- PRODUCER
- INJECTOR
- COMPLETED PATTERN
- PROPOSED PATTERN

NOTES:  
 \* NO PLANS \* NEVER DRILLED \*  
 X INDICATES \* PLUGGED & ABANDONED \*


 CHEVRON USA, INC.  
 A Halliburton Company  
 No. 10000 Regal - Exploration, Leasing and Production

**WONSITS VALLEY FEDERAL UNIT**  
 SUTTER COUNTY, UTAH  
**ROAD & FACILITY MAP**

DATE	BY	APP'D	SCALE

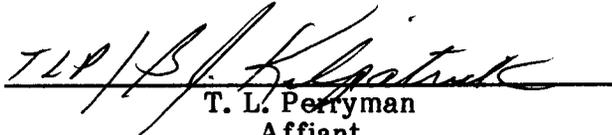
AFFIDAVIT

STATE OF WYOMING )  
 ) SS.  
COUNTY OF UINTA )

In compliance with Rule 502(12), T. L. Perryman, being first duly sworn, deposes and says: that he is over 21 years of age, that on the 3<sup>rd</sup> day of ~~October~~ <sup>November</sup>, 1986, he caused to be deposited in the United State Post Office at Evanston, Wyoming, by certified mail, postage thereon fully prepaid, a sealed envelope containing a conformed copy of the Application of Chevron U.S.A. Inc., to which this Affidavit is attached, addressed to:

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

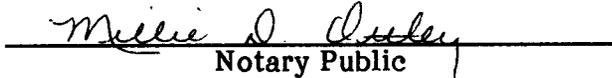
Bureau of Indian Affairs  
Uintah and Ouray Agency  
Fort Duchesne, Utah 84026

  
T. L. Perryman  
Affiant

STATE OF WYOMING )  
 ) SS.  
COUNTY OF UINTA )

Subscribed and sworn to before me this 3<sup>rd</sup> day of ~~October~~ <sup>November</sup>, 1986.

WITNESS by hand and official seal.

  
Notary Public

My Commission Expires:

11/29/86

My business address is  
P. O. Drawer AA  
Evanston, Wyoming 92930



**Chevron U.S.A. Inc.**

Overthrust Area Office, P. O. Drawer AA, Evanston, WY 82930

T. L. Perryman  
Area Operations Superintendent

October 7, 1986

First Supplemental 1986  
Plan of Development  
Wonsits Valley State/Federal Unit  
Uintah County, Utah

Branch of Fluid Minerals  
Utah State Office  
324 South State St., Suite 301  
Salt Lake City, UT 84111-2303

Attention: Chief, Branch of Fluid Minerals

Gentlemen:

Submitted for your approval is the First Supplement to the 1986 Plan of Development for the Wonsits Valley State/Federal Unit in Uintah County, Utah.

First Supplemental 1986 Plan of Development

The following Green River oil well is scheduled for conversion as a water injector in the Green River formation.

1. WVS/FU #9, NE, SE Sec. 12, T8S, R21E, Uintah County, Utah

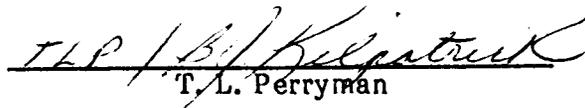
The conversion from an oil well to a water injection well is to extend the development of the inverted nine spot pattern waterflood in the east portion of the field.

Your approval of this First Supplement to the 1986 Plan of Development is requested.

CHEVRON U.S.A. INC.

UNIT OPERATOR

By:

  
T. L. Perryman

TAK:gp

Attachment

cc: Division of Oil, Gas and Mining  
State of Utah  
4241 State Office Building  
Salt Lake City, UT 84114

1500

R 21 E

R 22 E

WONSITS VALLEY FEDERAL UNIT

T 8 S

T 8 S

- PRODUCER
- ▲ INJECTOR
- COMPLETED PATTERN
- PROPOSED PATTERN

R 21 E

R 22 E

NOTES:  
 X WELLS IN ADJACENT AREAS  
 \* WELLS IN THIS AREA

Chesapeake Energy  
 Northern Region Operations, Lease and Production

WONSITS VALLEY FEDERAL UNIT  
 INSTANT LEASE  
 ROAD & FACILITY MAP




Wonsits Valley State/Federal Unit  
WVS/FU #9  
Application for Injection  
UIC, RULE 502 REQUIREMENTS

Rule 502: Requirements for Class II injection wells.

b) The application for an injection well shall include a properly completed Form DOGM-UIC-1 (attached) and the following:

- (1) Location plat and well status. (see Attachment "A")
- (2) Copies of electrical logs. (see Attachment "B")
- (3) Copy of cement bond log. (see Attachment "C")
- (4) Reference of logs on file with the division:

<u>Log Type</u>	<u>Date Logged</u>	<u>Company</u>
Induction-Electrical Log	06-07-63	Schlumberger
Microlog	06-06-63	Schlumberger
Cement Top Log	06-22-63	Schlumberger

- (5) Description of the casing program and method for testing the casing before injection:

Surface Casing: 8-5/8", 24#/ft, J-55, surface to 244'  
Production Casing: 5½", 14#/ft, J-55, surface to 5,743'  
(see Attachment "D")

Procedure for Testing the Casing:

- 1) MIRU. NUBOP's.
  - 2) POH w/ production equipment.
  - 3) Locate and isolate leaks in casing to 500 psi.
  - 4) If leaks are found, run pipe recovery and casing inspection logs.
  - 5) Isolate existing perms w/ CIBP.
  - 6) Cut and pull bad casing.
  - 7) Run csg. patch and new 5½", 15.5#, K-55 LTC csg., cmt to surface.
  - 8) Drill out cmt. Test csg. to 500 psi.
  - 9) Clean out to PBSD.
  - 10) Acidize each injection zone w/ 15% HCl.
  - 11) Set Perm-Pkr @ 5,250'. Run 2-7/8" injection string.
  - 12) Test annulus to 500 psi. NU injection tree.
  - 13) Put well on injection.
- (6) Statement as to type of fluid to be used for injection:

The injection fluid source will be production wells within the Wonsits Valley Unit. The wells produce from the lower Green River formation at a depth of 5,100'-5,600'. Additional

"make-up" injection water is pumped from shallow wells (TD at 75'-100' in the Uinta sands) located on the Green River, three miles northwest of the Wonsits Valley Unit. This fresh water is commingled with Wonsits Valley produced water before injection. The volume of "make-up" water is usually 15-20% of the total volume of injection water. Estimated total injection fluid rate is 3,500 BPD.

(7) Standard laboratory analyses of 1) the fluid to be injected, 2) the fluid in the formation, 3) the compatibility of the fluids: (see Attachment "E"). Compatibility tests indicate the fluids are compatible, however, chemicals will be added to treat any possible scale forming tendencies.

(8) Proposed injection pressures:

Average injection rate - 1000 psi  
 Maximum injection rate - 2000 psi

(9) Evidence that proposed injection will not initiate communication of injected fluid or formation fluid with fresh water strata:

There are no known underground sources of drinking water in the area. Also, there are no fresh water withdrawal wells within the Wonsits Valley Unit. However, casing pressures are monitored on a monthly basis on all injection wells to detect potential problems with fluid communication or migration. If communication is indicated, appropriate action will be immediately taken to halt fluid migration, e.g. SI well and repair. Also, the maximum injection pressure of 2000 psi plus a hydrostatic head of 2400 psi less friction pressure of 190 psi yields a pressure gradient of .77 psi/ft. which is below the formation fracture gradient of .84 psi/ft.

(10) Appropriate geological data on the injection interval and confining beds:

The proposed injection zone in the Green River formation which is made up of several sandstone channel deposits and a lower ostracodal limestone member. The producing intervals are separated by an alternating sequence of shale/mudstone formations. The Uinta formation overlying the Green River formation consists of variegated sequences of mudstone, shales and siltstones. Underlying the Green River formation is the Wasatch formation which is predominantly a red bed, non-lacustrine accumulation. The Green River formation is located along the southern flank of the Uinta Basin Syncline in an area measuring approximately 28 miles by 13 miles.

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>
Uinta	Surface-2,597'	SH interbedded w/LS
Green River	2,597'-2,995'	SH interbedded w/LS and w/SS stringers

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>
Green River	2,995'-4,414'	LS w/SH stringers
Green River	4,414'-4,707'	SH interbedded w/LS and SS
Lower Green River	4,707'-5,338'	SH w/ occasional LS and SS stringers
Lower Green River	5,338'-5,606'	(producing zone) SH and SS interbedded
Lower Green River	5,606'-5,822'	SH, calcareous in part
Wasatch	5,822'-5,870'	SH, silty in part

- (11) A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well: (see Attachment "F")
- (12) An affidavit certifying that a copy of the application has been to all operators, owners and surface owners within a one-half mile radius of the proposed injection well. (see Attachment "G")

ATTACHMENT "F"

WVS/FU #9  
MECHANICAL CONDITION  
OFF-SET WELLS

Proposed Injection Well

WVS/FU #9

Has 5½", 14# casing from surface to 5743'. Cement top is at 5000' by cement density log. Perforations are at 5343'-5566' (gross interval).

Off-set Wells

WVS/FU #11

✓ Producer, has 5½", 17#, 15½#, and 14# casing from surface to 8000'. Cement top is at 4250' by cement bond log. Gross production interval is 5425'-7917'. Cast iron bridge plugs are at 5670' and 7850'. A 5½" casing patch was run to 2755' and cemented to surface on 4/19/85.

WVS/FU #85

✓ Producer, has 5½", 14# casing from surface to 5617'. Cement top is at 4693' by cement bond log. Gross production interval is 5456'-5518'. A packer is set at 5195' to isolate the casing-tubing annulus from the wellbore and to prevent any potential communication to zones uphole.

WVS/FU #7

✓ Plugged and abandoned on 9/9/73, has 5½", 14# casing from surface to TD at 5686'. Cement top is at 4844' by cement density log. Cement retainer is at 5342' (above all perforations). Spotted 50 sx cement from 1200' to 1600' and set 10 sx cement plug in top of casing.

WVS/FU #89

✓ Producer, has 5½", 14# casing from surface to TD at 5660'. Cement top is at 4010' by calculation for 225 sxs cement. Gross production interval is 5402'-5563'. A 5½" casing patch was run to 2001' and cemented to surface 6/15/84.

WVS/FU #12

✓ Temporarily abandoned, producer, has 5½", 14# casing from surface to 5628'. Cement top is at 4950' by cement density log. Gross production interval is 5275'-5493'. Squeezed casing leaks at 3767' and 3774' with 300 sxs cement.

WVS/FU #108

✓ Producer, has 5½", 14# casing from surface to 5551'. Cement top is at 3150' by calculation for 325 sxs cement. Gross production interval is 5266'-5490'. A 5½" casing patch was run to 1710' and cemented to surface on 1/8/86.

WVS/FU #14

✓ Producer, has 5½", 14# casing from surface to 5588'. Cement top is at 4880' by cement density log. Gross production interval is 5255'-5470'. Squeezed 5½" casing leaks from 211' to 811' with 410 SXS cement.

WVS/FU #87

✓ Producer, has 5½", 14# casing from surface to 5537'. Cement top is at 5098' by cement bond log. Gross production interval is 5316'-5553'. A 5½" casing patch run to 1972' and cemented to 1120' on 9/3/83.

VS/FU #6

✓ Temporarily abandoned producer, has 5½", 14# casing from surface to 5618'. Cement top is at 4820' by cement density log. Gross production interval is 5413'-5526'. A packer is set at 5081' to isolate the casing-tubing annulus from the wellbore and to prevent any potential communication to zones uphole.

WVS/FU #52

✓ Temporarily abandoned producer, has 5½", 14# casing from surface to 5484'. Cement top is at 4325' by cement density log. Gross production interval is 5212'-5420'. Cast iron bridge plug at 5400'.

WVS/FU #10

✓ Injector, has 5½", 14# casing from surface to 5681'. Cement top is at 4700' by cement density log. Perforations are at 5306'-5526' (gross interval). Injection packer is at 5282'.

WVS/FU #117

✓ Injector, has 7", 26# casing from surface to 9292'. Cement top is at 4955' by cement bond log. Cement plug exists at 6400'-6700' covering squeezed perforations 6536'-6662' (gross interval). Perforation at 5770' cement squeezed with 220 sxs. Perforations at 5670'-5672' cement squeezed with 200 sxs. Perforations at 5520'-5530' cement squeezed with 100 sxs. Injection perforations are at 5637'-5650'. Injection packer is at 5592'. Cast iron bridge plug is at 5706'.

WELLBORE SCHEMATIC

POST WORKOVER

DIVISION OF OIL, GAS & MINING

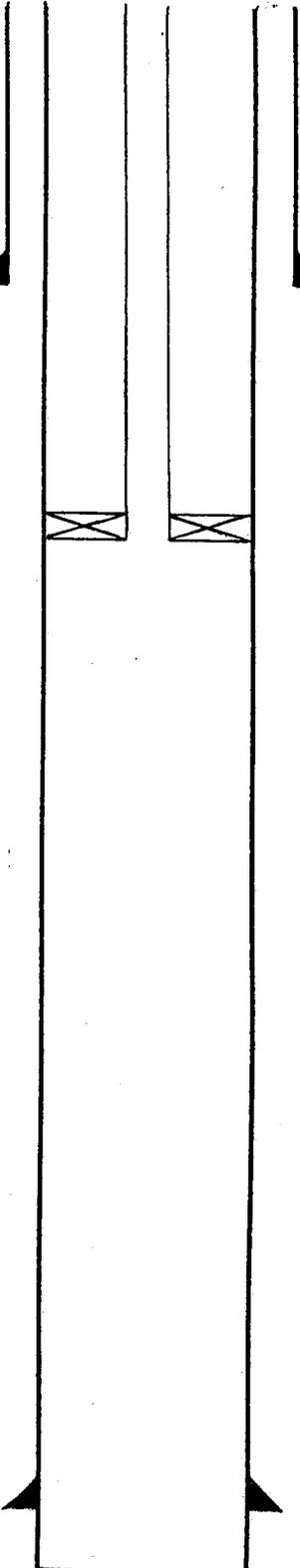
LEASE WONSITS VALLEY UNIT

WELL NO. 9

LOCATION 12-8S-21E

COUNTY UINTAH

STATE UTAH



DISTANCE H  
10 ' FROM GL TO KB

8-5/8 " OD, 24 \*  
GR. J CASING  
SET AT 224 ' W/ 150 SX

PERFS:

- E-5 5,343' 2 4-way radial jets
- F-1 5,383' 1 4-way radial jets
- F-2 5,406' 2 4-way radial jets
- F-3
- F-4 5,460' 2 4-way radial jets  
5,487'-5,490' 2 SPF
- F-6 5,505'-5,510' 2 SPF  
5,525'-5,530' 2 SPF
- G-1 5,556'-5,566' 2 SPF

±5,000 ' TOP OF CEMENT  
±5,250 ' PERMANENT PACKER

DATE PREPARED: 7-7-86

PREPARED BY: CMF

5 1/2 " OD, 14 \*  
GR. J CASING  
SET AT 5,743 ' W/ 165 SX

PBTD 5,690' TD 5,870'

# ATTACHMENT "E"

## WATER ANALYSIS NORTHERN REGION DENVER TECHNICAL CENTER

SAMPLE I.D.:

CHEVRON UNIT, WONSITS VALLEY  
UINTAH COUNTY, UT  
PRODUCED INJECTION WATER  
03-12-86

SAMPLE NUMBER: 01W1958

MAJOR ANIONS	MG/L	MEQ/L	MAJOR CATIONS	MG/L	MEQ/L
CL	19100.00	538.8	NA	12300.00	535.1
BR	112.00	1.4			
I	28.50	.2			
SO4	78.70	1.6	CA	131.00	6.5
HCO3	1060.00	17.4	MG	44.40	3.7
CO3	0.00	0.0	K	60.60	1.5
OH	0.00	0.0	SR	90.60	2.1
		SUM= 559.4			SUM= 548.9

ANION/CATION QC (DIFF/SUM) = [ .0096 ]

TDS BY ADDITION (IONS ANALYZED) = 33005.8 MG/L

MEAS. RES. @ 77 F = .109 OHM-M    CALC. RES. @ 77 F = .193 OHM-M

MEAS. RES. @ 166 F = .094 OHM-M

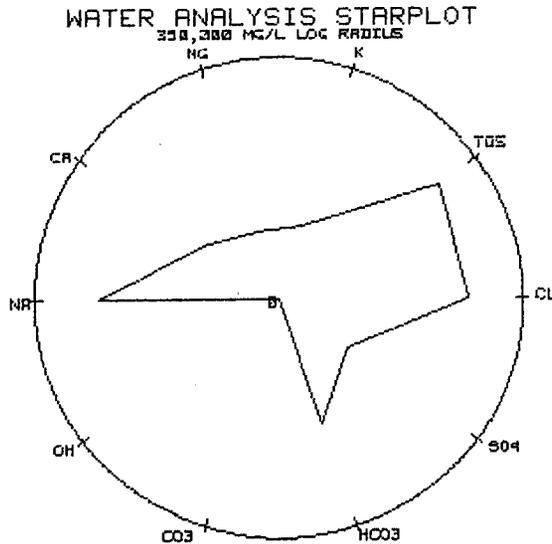
MEAS. SP. GRAV. = 1.021 G/ML    CALC. SP. GRAV. = 1.023 G/ML

PH OF UNACIDIFIED SAMPLE @ 25 C = 7.88 UNITS

A VALUE OF 0 INDICATES <NONE DETECTED>

TRACE ELEMENTS WILL NOT BE COMPLETED AT THIS TIME

NITRATE = 0 MG/L



# ATTACHMENT "E"

## WATER ANALYSIS NORTHERN REGION DENVER TECHNICAL CENTER

SAMPLE I.D.:

CHEVRON UNIT, WONSITS VALLEY  
UINTAH COUNTY, UT.  
FRESH INJ WATER  
03-12-86

SAMPLE NUMBER: 01W1960

MAJOR ANIONS	MG/L	MEQ/L	MAJOR CATIONS	MG/L	MEQ/L
CL	35.10	1.0	NA	102.00	4.4
BR	0.00	0.0			
I	.20	0.0			
SO4	180.00	3.7	CA	70.70	3.5
HCO3	201.00	3.3	MG	25.40	2.1
CO3	0.00	0.0	K	2.60	.1
OH	0.00	0.0	SR	0.00	0.0
		SUM= 8.0			SUM= 10.1

ANION/CATION QC (DIFF/SUM) = [-.1150]

TDS BY ADDITION (IONS ANALYZED) = 617 MG/L

MEAS. RES. @ 77 F = 16.064 OHM-M

CALC. RES. @ 77 F = 11.5 OHM-M

MEAS. RES. @ 166 F = 6.131 OHM-M

MEAS. SP. GRAV. = 1.004 G/ML

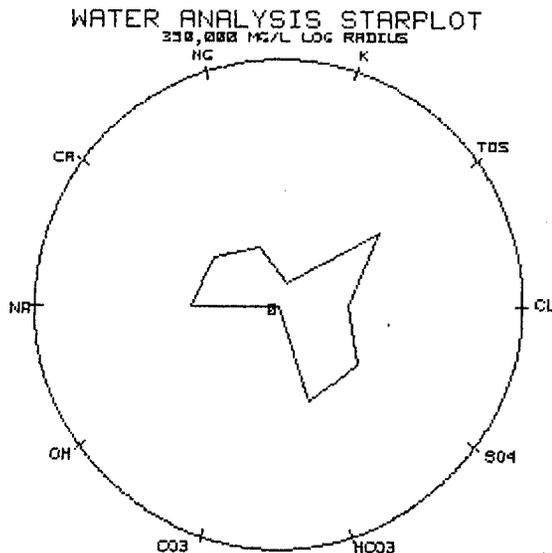
CALC. SP. GRAV. = 1 G/ML

PH OF UNACIDIFIED SAMPLE @ 25 C = 7.99 UNITS

A VALUE OF 0 INDICATES <NONE DETECTED>

TRACE ELEMENTS WILL NOT BE COMPLETED AT THIS TIME

NITRATE = 0 MG/L



# ATTACHMENT "E"

## WATER ANALYSIS NORTHERN REGION DENVER TECHNICAL CENTER

SAMPLE I.D.:

CHEVRON UNIT, WONSITS VALLEY  
UINTAH COUNTY, UT.  
MIXED PROD AND FRESH INJECTION WATER  
03-12-86

SAMPLE NUMBER:01W1959

MAJOR ANIONS	MG/L	MEQ/L	MAJOR CATIONS	MG/L	MEQ/L
CL	11900.00	335.7	NA	7780.00	338.4
BR	59.70	.7			
I	10.10	.1			
SO4	202.00	4.2	CA	111.00	5.5
HCO3	805.00	13.2	MG	33.30	2.7
CO3	0.00	0.0	K	40.40	1.0
OH	0.00	0.0	SR	47.60	1.1
		SUM= 353.9			SUM= 348.8

ANION/CATION QC (DIFF/SUM) = [ .0073]

TDS BY ADDITION (IONS ANALYZED) = 20989.1 MG/L

MEAS. RES. @ 77 F = .279 OHM-M    CALC. RES. @ 77 F = .296 OHM-M

MEAS. RES. @ 166 F = .146 OHM-M

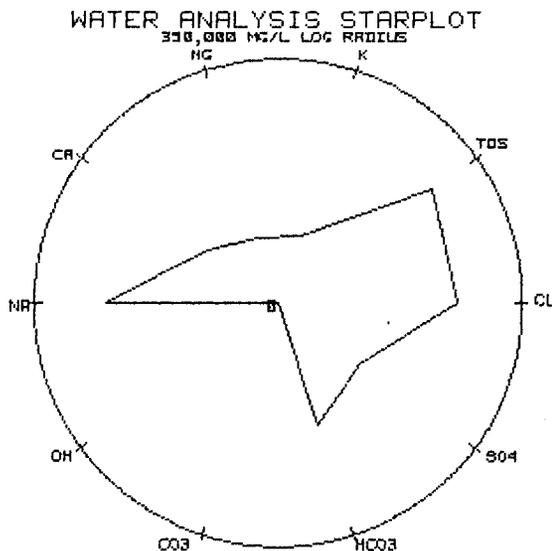
MEAS. SP. GRAV. = 1.016 G/ML            CALC. SP. GRAV. = 1.015 G/ML

PH OF UNACIDIFIED SAMPLE @ 25 C = 8.11 UNITS

A VALUE OF 0 INDICATES <NONE DETECTED>

TRACE ELEMENTS WILL NOT BE COMPLETED AT THIS TIME

NITRATE = 0 MG/L



R 21 E

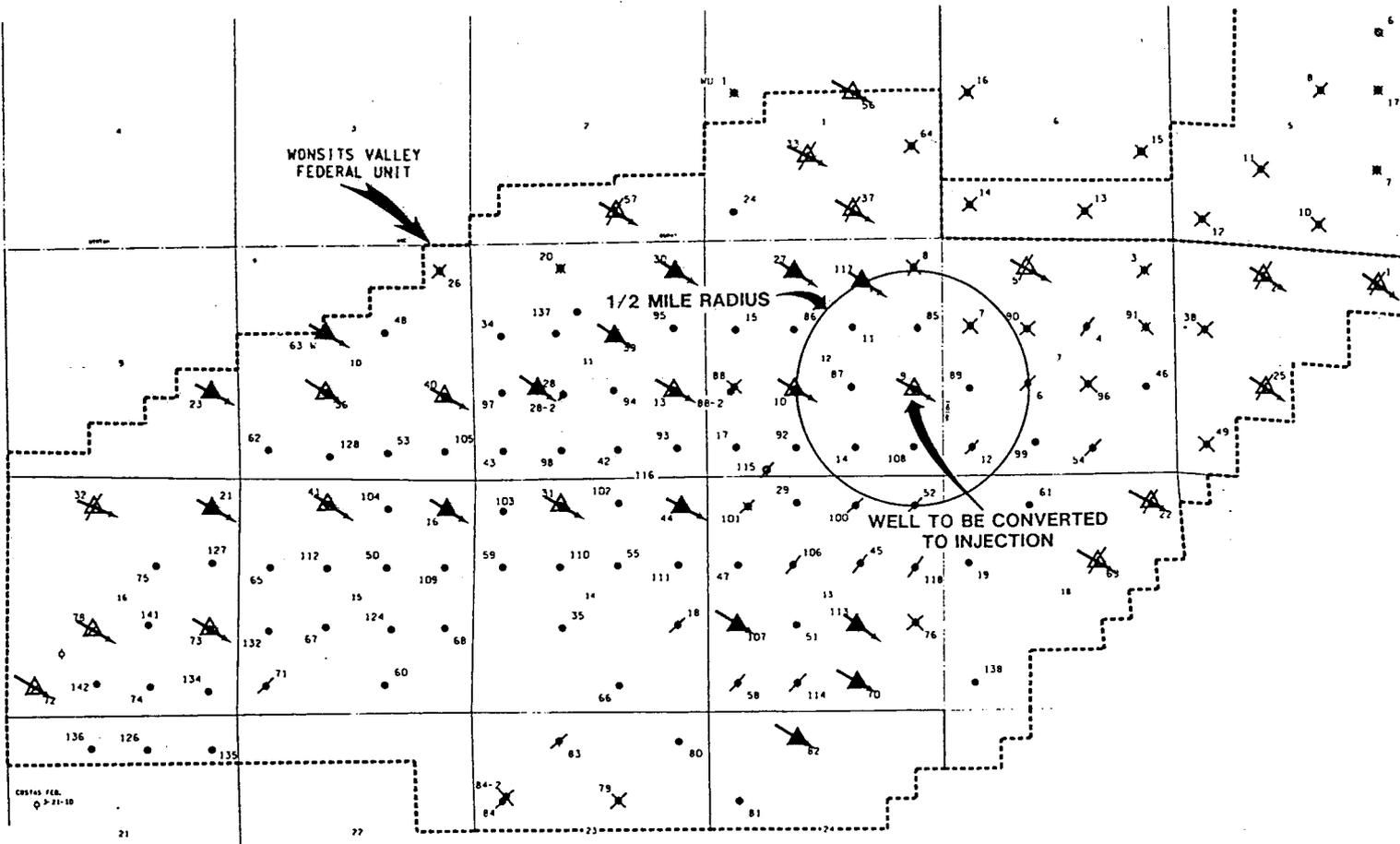
R 22 E

T 8 S

WONSITS VALLEY  
FEDERAL UNIT

1/2 MILE RADIUS

WELL TO BE CONVERTED  
TO INJECTION



ATTACHMENT "A"

OPERATOR OF PRODUCING LEASES:

CHEVRON U.S.A. INC.

SURFACE OWNERS:

BUREAU OF LAND MANAGEMENT

BUREAU OF INDIAN AFFAIRS

- ▲ PROFILE MODIFICATION
- ⊗ WATER INJECTION
- ⊗ T.A. INJECTION
- ⊗ PROPOSED CONVERSION TO INJECTION
- PROD.
- ⚡ T.A. PROD.
- × P.A.



Chevron USA Inc  
Northern Region - Exploration, Land and Production

WONSITS VALLEY FIELD  
UINTAH COUNTY, UTAH

WELL STATUS

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-088  
OF CHEVRON U.S.A, INCORPORATED, :  
FOR ADMINISTRATIVE APPROVAL OF :  
THE WONSITS VALLEY STATE/FEDERAL :  
UNIT #9 WELL, LOCATED IN SECTION :  
12, TOWNSHIP 8 SOUTH, RANGE 21 :  
EAST, SLM, UINTAH COUNTY, UTAH, :  
AS A CLASS II ENHANCED RECOVERY :  
WATER INJECTION WELL :

---oo0oo---

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

Notice is hereby given that Chevron U.S.A., Incorporated, P.O. Box  
500, Denver, Colorado 80201, has requested administrative approval of  
the Wonsits Valley State/Federal Unit #9 well, located 2004' FSL to  
660' FEL (NE SE) of Section 12, Township 8 South, Range 21 East, SLM,  
Uintah County, Utah, as a Class II enhanced recovery water injection  
well.

The proposed operating data for the well is as follows:

INJECTION INTERVAL: Lower Green River Formation 5343'-5566'  
MAXIMUM ESTIMATED SURFACE PRESSURE: 2000 psig  
MAXIMUM ESTIMATED WATER INJECTION RATE: 4000 BWPD

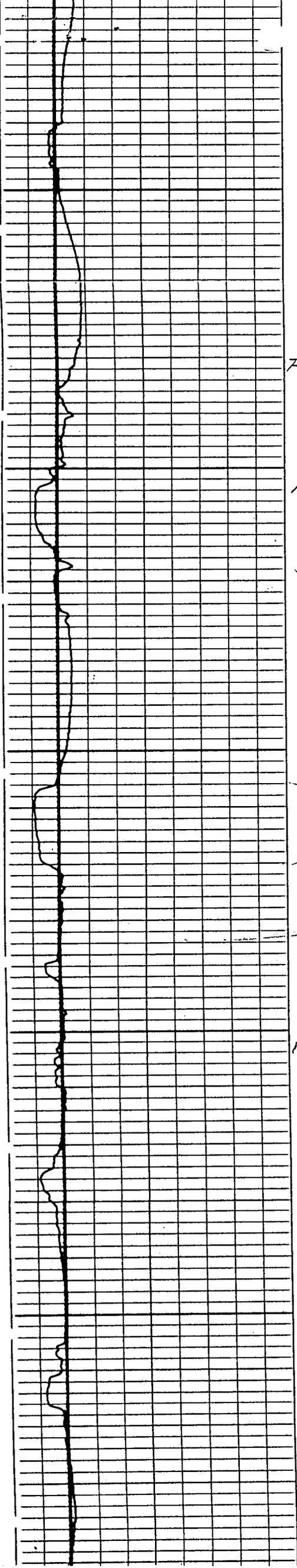
Approval of this Application will be granted unless any objections  
are filed with the Division of Oil, Gas and Mining within fifteen days  
after publication of this Notice. Objections should be mailed to the  
Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355  
West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah  
84180-1203.

DATED this 13th day of November, 1986.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
MARJORIE L. ANDERSON  
Administrative Assistant





E<sub>5</sub>

F<sub>1</sub>

5400

F<sub>2</sub>

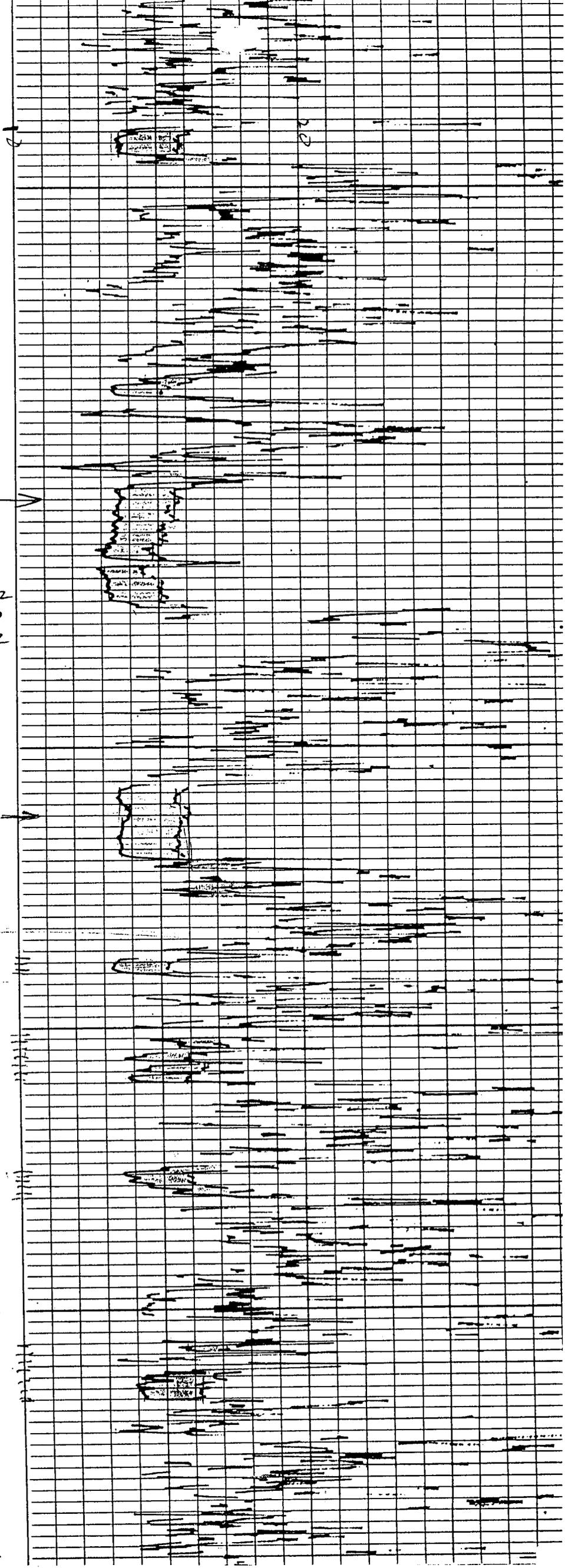
5402  
5060  
342

F<sub>3</sub>

5500

F<sub>4</sub>

5600



SCHLUMBERGER WELL SURVEYING CORPORATION  
Houston, Texas

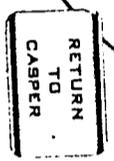
COUNTY UNITAH  
 FIELD or LOCATION WEST RED WASH  
 WELL WONSITS VALLEY  
FEDERAL NO. 9  
 COMPANY GULF OIL CORP.

COMPANY GULF OIL CORPORATION  
 WELL WONSITS VALLEY  
 FEDERAL NO. 9  
 FIELD WEST RED WASH  
 LOCATION SEC. 12-T8S-R21E  
 COUNTY UNITAH  
 STATE UTAH

Other Surveys ML  
 Location of Well X  
 Elevation: D.F.: 5060  
 K.B.: 5060  
 or G.L.: 5050  
 FILING No. CR 20

RUN No.	ONE								
Date	6-7-63								
First Reading	5870								
Last Reading	227								
Feet Measured	5643								
Csg. Schlum.	227								
Csg. Driller	223								
Depth Reached	5871								
Bitm Driller	5870								
Dr Datum	K. B.								
Mud Nat.	OIL EMULSION								
Dens. Visc.	9.4 @ 60								
Mud Resist.	3.09 @ 76 °F								
Res. BHT	1.8 @ 129 °F								
Rmf	2.30 @ 80 °F								
Rmc	3.71 @ 80 °F								
pH	8.2 @ °F								
Wtr. Loss	8.0 CC 30 min.								
Bit Size	7 7/8"								
Spchs.—AM	16"								
MN	34' 6"								
IND.	6FF40								
3/4" Rig Time	1 1/2 HOURS								
Truck No.	4529								
Recorded By	HAMILTON								

ATTACHMENT "B"



REMARKS C.D. USED ; S.O. = 1 1/2 RMF = 1.35 @ 129  
 RMC = 2.3 @ 129

Cartridge No. F 108  
 Panel No. F 212  
 Code No. M 41

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$	
		INDUCTION	
+ $\frac{15}{4}$ -		400	200
			600
		RESISTIVITY -ohms. m <sup>2</sup> /m	
		16" NORMAL	
		0	100
		0	1000
		INDUCTION	
		0	100
		0	1000

5338

F-5

5338  
5060  
278

5388

F-1

5388  
5060  
328

5403

F-2

5403  
5060  
343

5457

F-4

5457  
5060  
397

5501

F-5

5501  
5060  
441

G-Sand

5552  
5060  
492

COUNTY UTAH  
FIELD or LOCATION WEST RED WASH WONSITS VALLEY  
WELL FEDERAL NO. 9  
COMPANY GULF OIL CORP.

COMPANY GULF OIL CORPORATION  
WELL WONSITS VALLEY  
FEDERAL NO. 9  
FIELD WEST RED WASH  
LOCATION SEC. 12-18S-R21E  
COUNTY UTAH  
STATE UTAH

Location of Well  
*[Signature]*  
Elevation: K.B.: 5060  
D.F.: 5050  
or G.L.: 5050  
FILING No. *[Signature]*

RUN No.	ONE
Date	6-22-63
First Reading	5690
Last Reading	4890
Feet Measured	800
Csg. Schlum.	-
Csg. Driller	-
Depth Reached	5691
Bc m Driller	NA
D. Datum	K.B.
Mud Nat.	OIL
" Density	-
" Viscosity	-
" Resist.	@ %F @ %F
" Res. BHT	@ %F @ %F
" pH	@ %F @ %F
" Wtr. Loss	- CC 30 min. CC 30 min.
Max. Temp. °F	-
Bit Size	7 7/8"
CASING SIZE	5.5"
WEIGHT	15.5#
Opr. Rig Time	1 HOUR
Truck No.	2915
Recorded By	COLFRICK

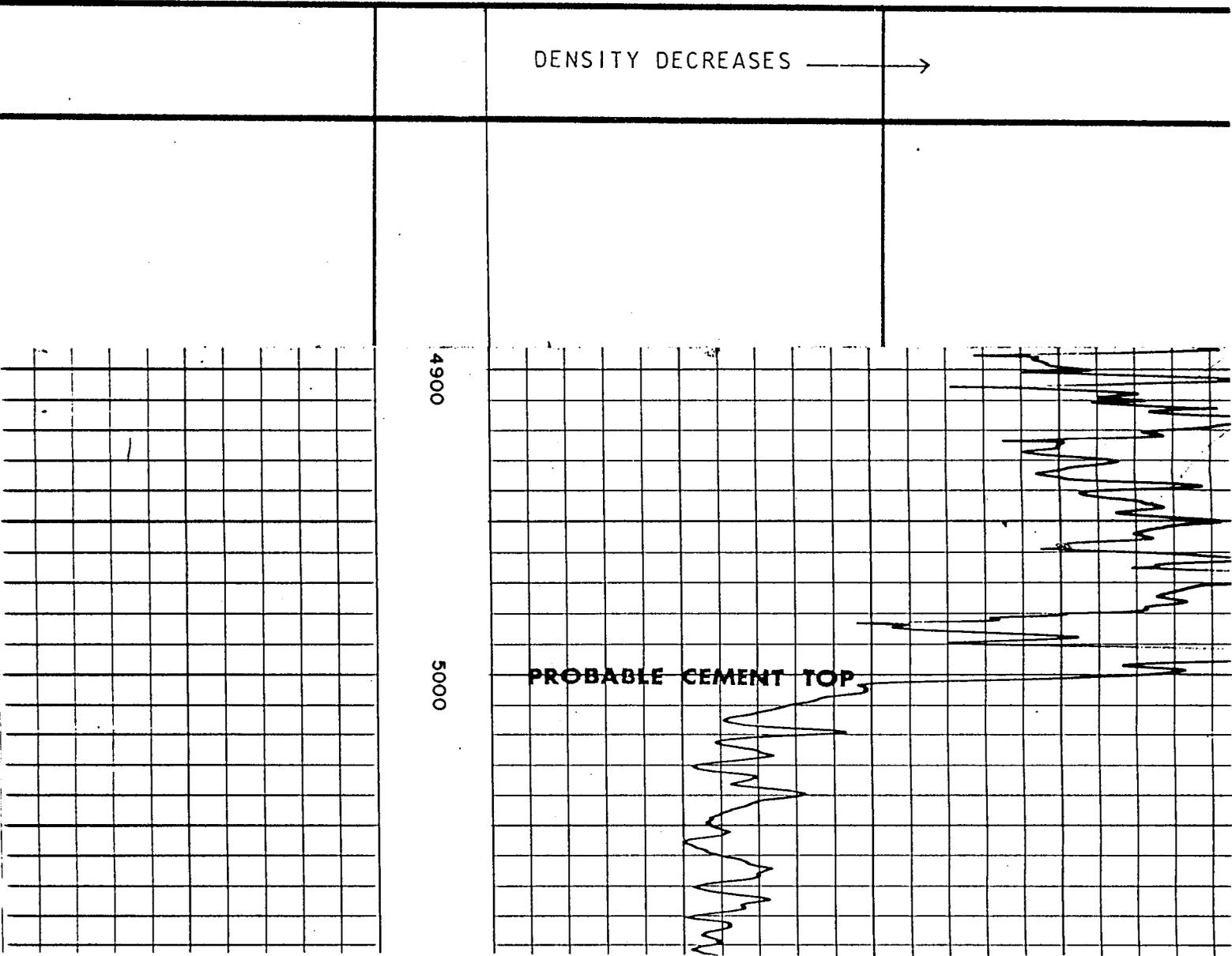
ATTACHMENT 'C'

INFO CENTER

009308

FOLD HERE

MARKS PROBABLE CEMENT TOP AT 5000'



PROBABLE CEMENT TOP

5000

5100

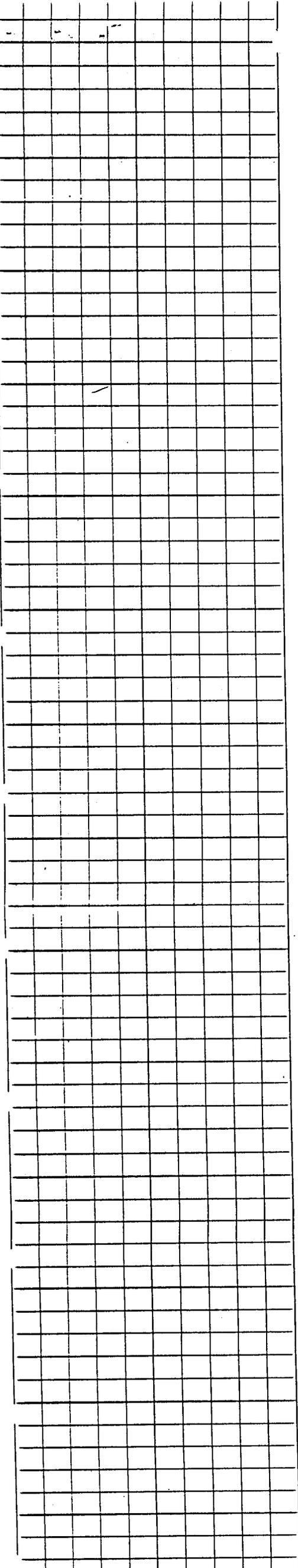
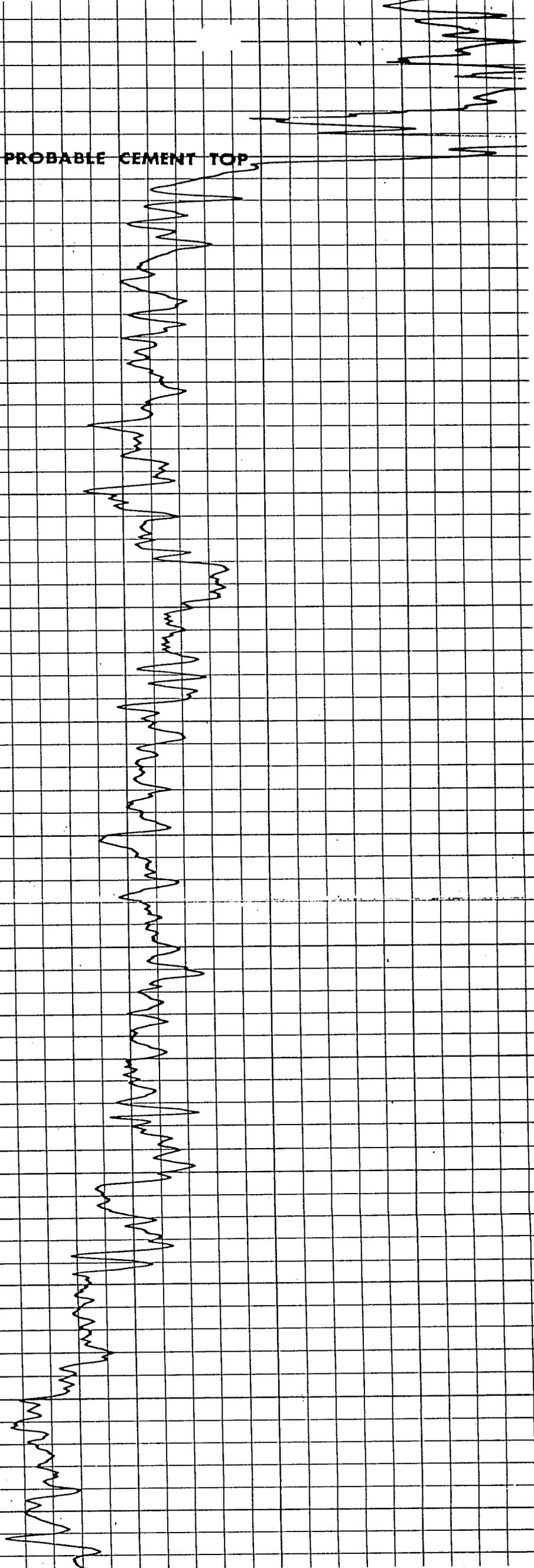
5200

5300

5400

5500

5600



UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR Chevron U.S.A. WELL NUMBER WYS/FU #9  
 SEC. 12 T. 8S R. 21E COUNTY Vintok  
 API # 43-047-15440

NEW WELL  DISPOSAL WELL  ENHANCED RECOVERY WELL

- |                                  |   |   |
|----------------------------------|---|---|
| - Plat showing surface ownership | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Application forms complete     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Schematic of well bore         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Adequate geologic information  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Rate and Pressure information  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Fluid source                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Analysis of formation fluid    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Analysis of injection fluid    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - USDW information               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>   |
| - Mechanical integrity test      | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> <i>pending request for exception</i> |

Comments: There are six producing wells, 1 plugged and abandoned;  
3 T.A. producers and 2 injectors

Mechanical integrity test will be done at time  
of conversion.

Reviewed by [Signature] 11/10/87

\* Approval should be conditioned on MI test exception approval  
 by EPA. [Signature] 11/15/86

Operator

Chevron USA.

Well

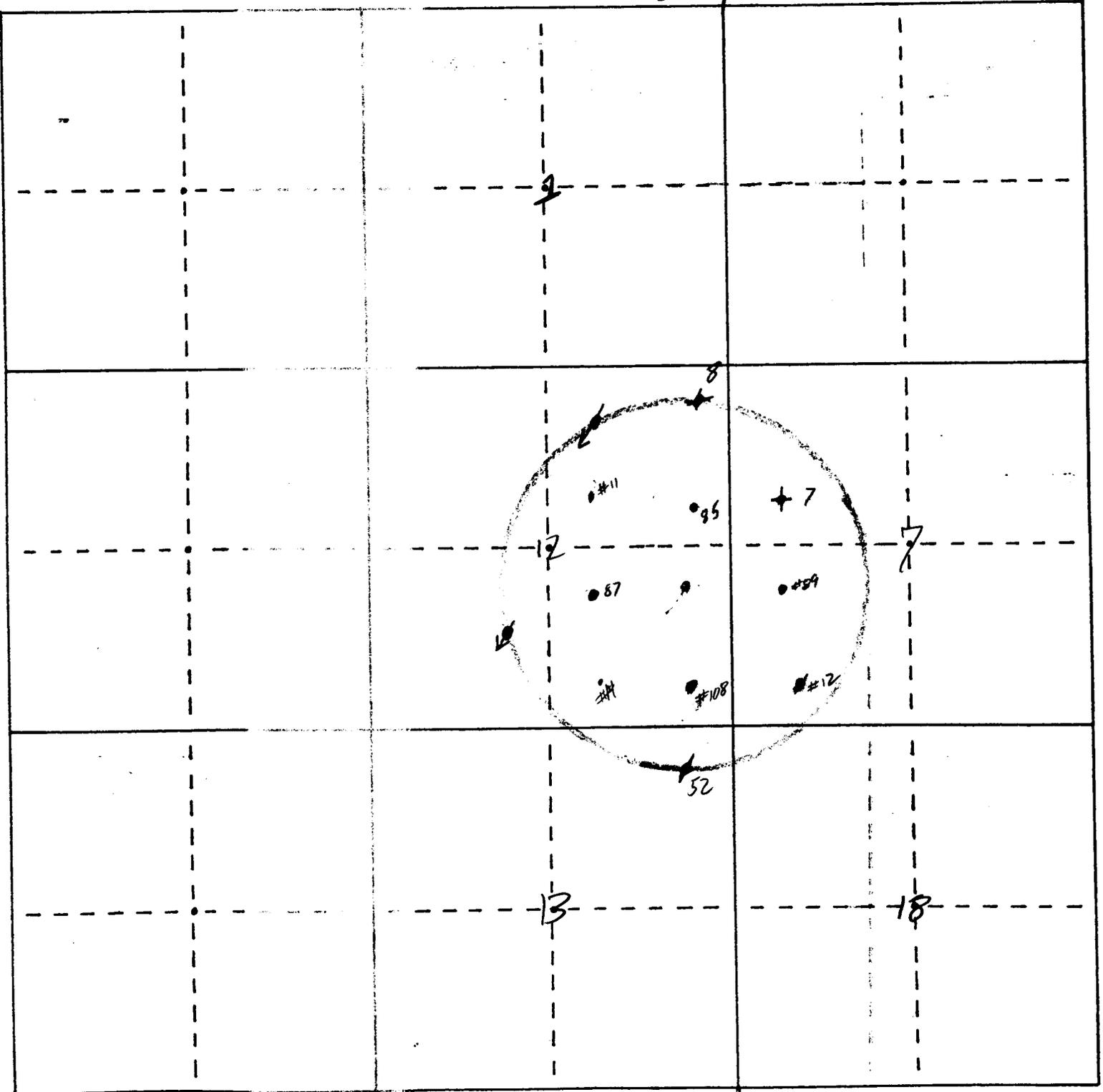
WV 5/FU #9

Location

T8S R21E sec 12

Vintoh County, Utah.

21E 22E



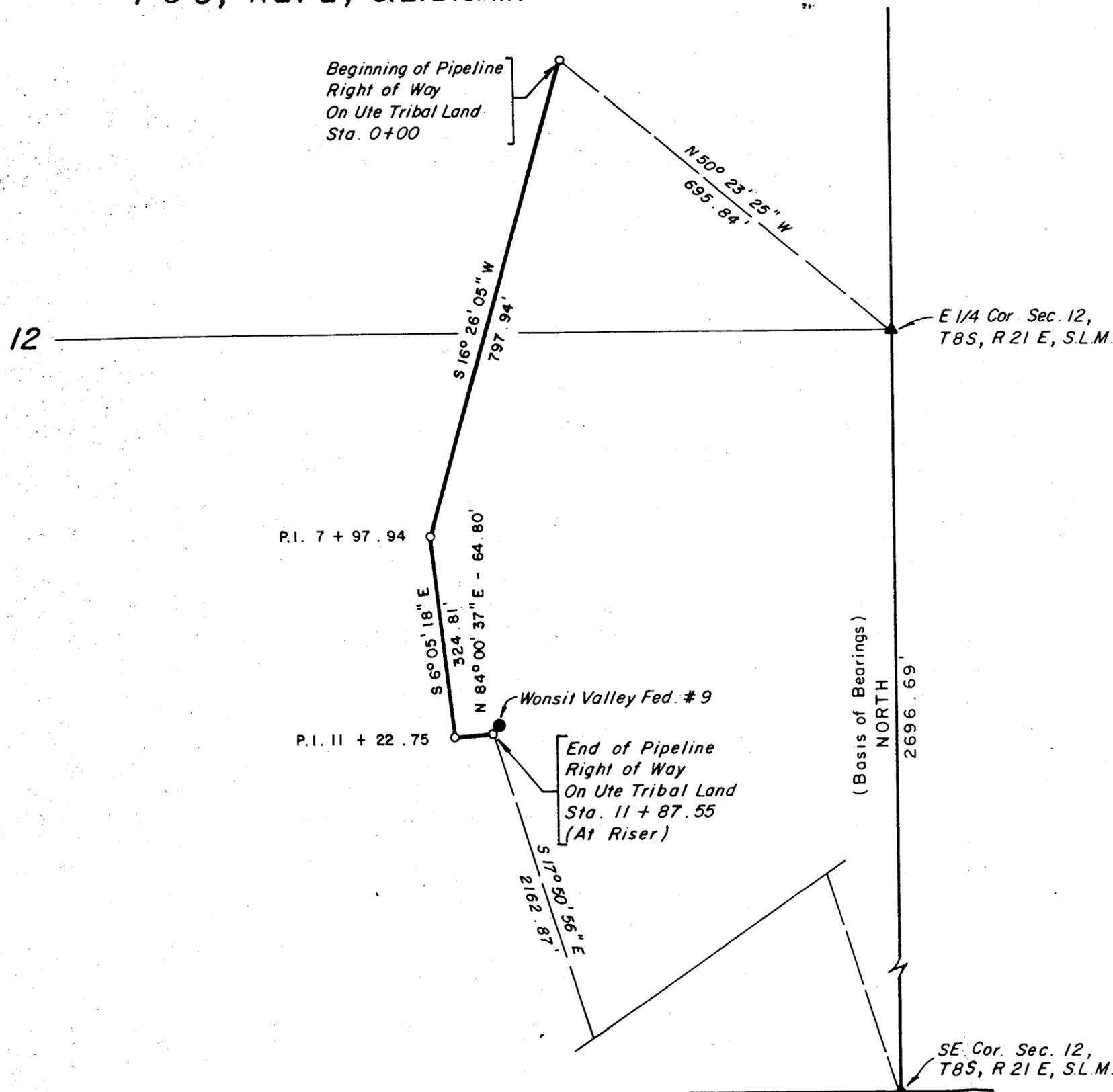
T 8 S, R 21 E, S.L.B.&M.

CHEVRON U.S.A. INC.

PIPELINE RIGHT OF WAY ON UTE TRIBAL LANDS  
 LOCATED IN SECTION 12, T 8 S, R 21 E, S.L.B.&M.  
 UTAH COUNTY, UTAH

A 30' WIDE RIGHT OF WAY (15' PERPENDICULAR ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE).

BEGINNING AT A POINT IN THE SE 1/4 NE 1/4 SECTION 12, T 8 S, R 21 E, S.L.B.&M. N 50° 23' 25" W 695.84' FROM THE EAST 1/4 CORNER SAID SECTION; THENCE S 16° 26' 05" W - 797.94'; THENCE S 6° 05' 18" E - 324.81'; THENCE N 84° 00' 37" E - 64.80' TO A POINT WHICH BEARS N 17° 50' 56" W - 2162.87' FROM THE SOUTHEAST CORNER SAID SECTION.



CERTIFICATE

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

*Robert J. ...*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

Rev. 10/10/86

10-24-86  
 UTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 200'	DATE 9/10/86
PARTY D.A. D.K.      BFW	REFERENCES GLO Plat
WEATHER Fair	FILE CHEVRON

▲ = SECTION CORNERS LOCATED



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 19, 1986

Vernal Express  
P.O. Box 1010  
54 Vernal Avenue  
Vernal, Utah 84078

Gentlemen:

RE: Cause No. UIC-088

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 28th day of November, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 19, 1986

Newspaper Agency Corporation  
Legal Advertising  
143 South Main - Mezzanine Floor  
Salt Lake City, Utah 84110

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Sincerely,

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure

UN' D STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

11/25/84  
mp

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  GAS WELL  OTHER

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2004' FSL & 660' FEL (NE SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5060' KB

5. LEASE DESIGNATION AND SERIAL NO.  
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Wonsits Valley Federal

8. FARM OR LEASE NAME

9. WELL NO.  
#9

10. FIELD AND POOL, OR WILDCAT  
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T8S, R21E

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 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) Install Inj. Line <input checked="" 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.)\*

It is proposed to install approximately 1,187.55' of 3 1/2" OD, Schedule 40, cement-lined, coated and wrapped injection line to WVFU #9 from an existing line. The line will be buried 6' deep. Surface disturbance will be kept to a minimum and will be restored per BLM & BIA requirements. Right of Way has been applied for and an archeological survey is being done on the affected area.

Your early consideration of this project is greatly appreciated.

- 3-BLM
- 3-State
- 1-BIA
- 1-MKD
- 1-YJH
- 1-File

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/25/84  
BY: [Signature]

RECEIVED  
NOV 21 1986  
DIVISION OF  
OIL, GAS & MINING

Attachment

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

SIGNED [Signature] TITLE Office Assistant - Regulatory Affairs DATE October 8, 1986

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL AND ACTION  
Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

STATE ACTIONS

Mail to:  
Grants Coordinator  
State Clearinghouse  
116 State Capitol, SLC, Ut. 84114  
533-4971

1. Administering State Agency Division of Oil, Gas, & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203	2. State Application Identifier Number: (assigned by State Clearinghouse)  3. Approximate date project will start: December 1986
4. Areawide clearinghouse(s) receiving State Action: (to be sent out by agency in block 1)  Uintah Basin Association of Governments	
5. Type of action: <input type="checkbox"/> Lease <input checked="" type="checkbox"/> Permit <input type="checkbox"/> License <input type="checkbox"/> Land Aquisition <input type="checkbox"/> Land Sale <input type="checkbox"/> Land Exchange <input type="checkbox"/> Other _____	
6. Title of proposed action: Class II Injection Well	
7. Description: An additional enhanced recovery injection well in the Wonsits Valley State/Federal Unit located in Uintah County, Utah.	
8. Land affected (site location map required) (indicate county) NESE Section 12, Township 8 South, Range 21 East, Uintah County, Utah	
9. Has the local government(s) been contacted? <span style="float: right;">NO</span>	
10. Possible significant impacts likely to occur: <span style="float: right;">NONE</span>	
11. Name and phone number of district representative from your agency near project site, if applicable: Carol Kubly 789-1388 Vernal, Utah	13. Signature and title of authorized officer
12. For further information, contact:  Gil Hunt Phone: 538-5340	Date:  UIC Manager 11/19/86

Publication was sent to the following:

UTAH STATE DEPARTMENT OF HEALTH  
WATER POLLUTION CONTROL  
ATTN: LOREN MORTON  
288 N. 1480 W.  
PO BOX 16690  
SALT LAKE CITY UT 84116-0690

U.S. ENVIRONMENTAL PROTECTION AGENCY  
SUITE 1300  
ATTN: MIKE STRIEBY  
999 18th STREET  
DENVER COLORADO 80202-2413

CHEVRON U.S.A., INC.  
PO BOX 599  
DENVER COLORADO 80201

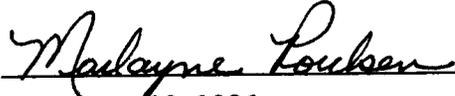
BUREAU OF LAND MANAGEMENT  
CONSOLIDATED FINANCIAL CENTER  
324 SOUTH STATE STREET  
SALT LAKE CITY, UTAH 84111-2303

BUREAU OF LAND MANAGEMENT  
FLUID MENERALS CALLER SERVICE #4104  
FARMINGTON, NEW MEXICO 87499

STATE CLEARING HOUSE  
A-95 COORDINATOR  
124 STATE CAPITOL  
SALT LAKE CITY, UTAH 84114

NEWSPAPER AGENCY  
LEGAL ADVERTISING  
MEZZANINE FLOOR  
143 SOUTH MAIN  
SALT LAKE CITY, UTAH 84110

VERNAL EXPRESS  
LEGAL ADVERTISING  
P.O. BOX 1010  
54 VERNAL AVENUE  
VERNAL, UTAH 84078

  
November 19, 1986



**Chevron U.S.A. Inc.**  
Overthrust Area Office, P. O. Drawer AA, Evanston, WY 82930

**POSTED**  
PP-1086

**T. L. Perryman**  
Area Operations Superintendent

October 7, 1986

**RECEIVED**  
NOV 26 1986

**First Supplemental 1986  
Plan of Development  
Wonsits Valley State/Federal Unit  
Uintah County, Utah**

DIVISION OF  
OIL, GAS & MINING  
Branch of Fluid Minerals  
Utah State Office  
324 South State St., Suite 301  
Salt Lake City, UT 84111-2303

Attention: Chief, Branch of Fluid Minerals

Gentlemen:

Submitted for your approval is the First Supplement to the 1986 Plan of Development for the Wonsits Valley State/Federal Unit in Uintah County, Utah.

First Supplemental 1986 Plan of Development

The following Green River oil well is scheduled for conversion as a water injector in the Green River formation.

1. WVS/FU #9, NE, SE Sec. 12, T8S, R21E, Uintah County, Utah

The conversion from an oil well to a water injection well is to extend the development of the inverted nine spot pattern waterflood in the east portion of the field.

Your approval of this First Supplement to the 1986 Plan of Development is requested.

CHEVRON U.S.A. INC.

UNIT OPERATOR

By: TLP / B. Kelcatuck  
T. L. Perryman

TAK:gp  
Attachment  
cc: Division of Oil, Gas and Mining  
State of Utah  
4241 State Office Building  
Salt Lake City, UT 84114

**APPROVED - EFFECTIVE** NOV 24 1986

James A. Frost  
for CHIEF, BRANCH OF FLUID MINERALS  
BUREAU OF OIL MANAGEMENT

DOG-M

CAUSE NO. UIC-088

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

IN THE MATTER OF THE APPLICATION OF CHEVRON U.S.A., INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE WONSITS VALLEY STATE/FEDERAL UNIT NO. 9 WELL, LOCATED IN SECTION 12, TOWNSHIP 8 SOUTH, RANGE 21 EAST, SLM, UINTAH COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY WATER INJECTION WELL

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

Notice is hereby given that Chevron U.S.A., Incorporated, P.O. Box 500, Denver, Colorado 80201, has requested administrative approval of the Wonsits Valley State/Federal Unit No. 9 Well, located 2004' FSL to 660' FEL (NE SE) of Section 12, Township 8 South, Range 21 East, SLM, Uintah County, Utah, as a Class II enhanced recovery water injection well.

The proposed operating data for the well is as follows: INJECTION INTERVAL: Lower Green River Formation 5343'-5566'.

MAXIMUM ESTIMATED SURFACE PRESSURE: 2000 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 4000 BWPD.

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 13th day of November, 1986.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON Administrative Assistant

Published in the Vernal Express Nov. 26, 1986.

# PROOF OF PUBLICATION

STATE OF UTAH, }  
County of Uintah } ss.

I, Nancy Colton,

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

for one publications,

the first publication having been made on the 26th day of November, 1986

and the last on the 26th day of November, 1986, 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 Nancy Colton Manager

Subscribed and sworn to before me,

this 26th day of November

A. D. 1986

John R. [Signature]  
Notary Public, Residence, Vernal, Utah

My Commission expires 6-16-89

**RECEIVED**  
DEC 05 1986

DIVISION OF OIL, GAS & MINING

CAUSE NO. UIC-088  
BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF CHEVRON U.S.A., INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE WONSITS VALLEY STATE/FEDERAL UNIT NO. 9 WELL, LOCATED IN SECTION 12, TOWNSHIP 8 SOUTH, RANGE 21 EAST, SLM, UINTAH COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY WATER INJECTION WELL

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON  
Administrative Assistant

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the first publication having been made on the 26th day of November, 1986

and the last on the 26th day of November, 1986, 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 Nancy Colton  
Manager

Subscribed and sworn to before me,

this 26th day of November

A. D. 1986

Jack A. [Signature]  
Notary Public, Residence, Vernal, Utah

My Commission expires 6-16-89



DIVISION OF OIL, GAS & MINING

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  
MORNING & SUNDAY

DESERET NEWS  
EVENING & SUNDAY

# Affidavit of Publication

STATE OF UTAH }  
County of Salt Lake }

Hereby certify that the attached advertisement of CAUSE #UIC-088 for DIV OF OIL, GAS & MINING was published by the NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE and DESERET NEWS, daily newspapers printed 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 NOV 28, 1986

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF DECEMBER 19 86

*[Signature]*  
NOTARY PUBLIC

MARCH 01, 1988  
COMMISSION EXPIRES

o o The Salt

**Legal Notices**

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-088

IN THE MATTER OF THE APPLICATION OF CHEVRON U.S.A., INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE WONSITS VALLEY STATE/FEDERAL UNIT #9 WELL, LOCATED IN SECTION 12, TOWNSHIP 8 SOUTH, RANGE 21 EAST, SLM, UINFAH COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY WATER INJECTION WELL.

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The proposed operating data for the well is as follows:

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Maximum Estimated Surface Pressure: 2000 psig  
Maximum Estimated Water Injection Rate: 4000 BWPD

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 13th day of November, 1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
MARJORIE L. ANDERSON  
Administrative Assistant  
H-90



LEGAL ADVERTISING INVOICE				
ACCOUNT NAME		AD NUMBER	TELEPHONE	
S OIL, GAS & MINING		H-90	538-5340	
SCHEDULE			MISC. CHARGES	
C NOV 28, 1986				
SECTION	SIZE	TIMES	RATE	AD CHARGE
88	73 AGATE LINES	1	1.20	87.60
TOTAL AMOUNT DUE			87.60	

PLEASE RETURN RECEIPT OF THIS INVOICE TO THE DIVISION OF OIL, GAS AND MINING INFORMATION CALL 801-237-2796

PLEASE RETURN PROPER CREDIT  
**TURN THIS PORTION**

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:  
**NEWSPAPER AGENCY CORPORATION**  
(PLEASE WRITE YOUR ACCOUNT NUMBER ON YOUR CHECK)

BILL TO:

STATE OF UT NAT RESOURCES  
OIL, GAS & MINING  
3 TRIAD CNTR SUITE 350  
SLC, UT 84180

ACCOUNT NUMBER	BILLING DATE
538-5340	12/09/86
AD NUMBER	PAY THIS AMOUNT
H-90	87.60

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

Newspaper Agency Corporation  
AGENT  
**The Salt Lake Tribune**  
MORNING & SUNDAY  
**DESERET NEWS**  
EVENING & SUNDAY

# Affidavit of Publication

STATE OF UTAH. }  
County of Salt Lake } ss.

*Chris Anderson*  
I, Chris Anderson  
advertisement of **CAUSE #UIC-088**  
for **DIV OF OIL, GAS & MINING**  
NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE  
TRIBUNE and DESERET NEWS, daily newspapers printed in the English  
language with general circulation in Utah, and published in Salt Lake City, Salt  
Lake County in the State of Utah.

Hereby certify that the attached

was published by the

PUBLISHED ON NOV 28, 1986

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF DECEMBER 19 86

*B. J. Davis*  
\_\_\_\_\_  
NOTARY PUBLIC

MARCH 01, 1988  
COMMISSION EXPIRES

DEC 11 1986  
DIVISION OF  
OIL, GAS & MINING



LEGAL ADVERTISING INVOICE					
ACCOUNT NAME				AD NUMBER	TELEPHONE
NAT RESOURCES OIL, GAS & MINING				H-90	538-5340
CUST. REF. NO.	SCHEDULE			MISC. CHARGES	
	C NOV 28, 1986				
CAPTION		SIZE	TIMES	RATE	AD CHARGE
CAUSE #UIC-088		73 AGATE LINES	1	1.20	87.60
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE FOR BILLING INFORMATION CALL 801-237-2796				<b>TOTAL AMOUNT DUE</b>	<b>87.60</b>

TO INSURE PROPER CREDIT  
**PLEASE RETURN THIS PORTION**

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:  
**NEWSPAPER AGENCY CORPORATION**  
(PLEASE WRITE YOUR ACCOUNT  
NUMBER ON YOUR CHECK)

BILL TO:

ACCOUNT NUMBER	BILLING DATE
538-5340	12/09/86
AD NUMBER	PAY THIS AMOUNT
H-90	87.60

ST OF UT NAT RESOURCES  
OIL, GAS & MINING  
3 TRIAD CNTR SUITE 350  
SLC, UT 84180

143 SOUTH MAIN ST.  
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FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune

AGENT

DESERET NEWS

MORNING & SUNDAY

EVENING & SUNDAY

Affidavit of Publication

*Cheri Anderson*  
I, *Cheri Anderson*  
advertisement of CAUSE #UIC-088  
for DIV OF OIL, GAS & MINING  
NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE  
TRIBUNE and DESERET NEWS, daily newspapers printed in the English  
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Hereby certify that the attached

was published by the

STATE OF UTAH. }  
County of Salt Lake }

SS.

PUBLISHED ON NOV 28, 1986

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF DECEMBER 19 86

Legal Notices

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
DEPARTMENT OF  
NATURAL RESOURCES  
STATE OF UTAH  
CAUSE NO. UIC-088  
IN THE MATTER OF THE AP-  
PLICATION OF CHEVRON  
U.S.A., INCORPORATED, FOR  
ADMINISTRATIVE APPROVAL  
OF THE WONSITS VALLEY  
STATE/FEDERAL UNIT #9  
WELL LOCATED IN SECTION  
12, TOWNSHIP 8 SOUTH,  
RANGE 21 EAST, SLM, UIN-  
TAH COUNTY, UTAH, AS A  
CLASS II ENHANCED RECOV-  
ERY WATER INJECTION  
WELL.

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given that  
Chevron U.S.A., Incorporated,  
P.O. Box 500, Denver, Colorado  
80201, has requested adminis-  
trative approval of the Wonsits  
Valley State/Federal Unit #9  
well, located 2004' FSL to 660'  
FEL (NE SE) of Section 12,  
Township 8 South, Range 21  
East, SLM, Uintah County,  
Utah, as a Class II enhanced re-  
covery water injection well.

The proposed operating data  
for the well is as follows:

Injection Interval: Lower Green  
River Formation 5343'-5566'  
Maximum Estimated Surface  
Pressure: 2000 psig  
Maximum Estimated Water In-  
jection Rate: 4000 BWPD

Approval of this Application  
will be granted unless any ob-  
jections are filed with the Divi-  
sion of Oil, Gas and Mining  
within fifteen days after publi-  
cation of this Notice. Objections  
should be mailed to the Division  
of Oil, Gas and Mining, Atten-  
tion: UIC Program Manager,  
355 West North Temple, 3 Triad  
Center, Suite 350, Salt Lake  
City, Utah 84180-1203.

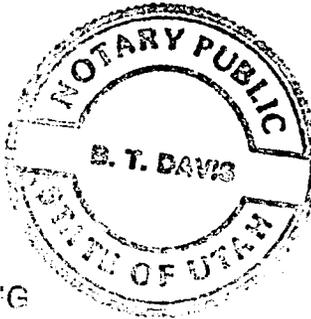
DATED this 13th day of No-  
vember, 1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
MARJORIE L. ANDERSON  
Administrative Assistant

H-90

DEC 11 1986

DIVISION OF  
OIL, GAS & MINING



*B. T. Davis*

NOTARY PUBLIC

MARCH 01, 1988

COMMISSION EXPIRES



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 18, 1986

Chevron U.S.A., Inc.  
P.O. Box 500  
Denver, Colorado 80201

Gentlemen:

RE: WVS/FU #9, Section 12, Township 8 South, Range 21 East, SLM, Uintah County, Utah - Cause No. UIC-088

In accordance with Rule 503(c), the Oil and Gas Conservation General Rules, your Application for Injection Well for the referenced well is hereby administratively approved.

The following actions are necessary to fully comply with this approval:

- 1) Compliance with the UIC rules and requirements for the operation, maintenance and reporting for Class II injection wells.
- 2) Conformance with the conditions and requirements of the Application.
- 3) Performance of operations necessary to pressure test the casing outside the tubing to 1000 psi pressure prior to commencing injection.

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

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson  
Director

mfp  
7627U



116 State Capitol Building  
Salt Lake City, UT 84114  
Telephone 801-533-5245

012303

## office of planning and budget

Norman H. Bangerter, Governor Dale C. Hatch, C.P.A., J.D., Director Michael E. Christensen, Ph.D., Deputy Director

RECEIVED  
JAN 09 1987

DIVISION OF  
OIL, GAS & MINING

January 2, 1987

Gil Hunt  
Division of Oil, Gas and Mining  
3 Triad Center - Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

SUBJECT: Class II Injection Well  
State Application Identifier #UT861121-030

43-047-15440  
85 21E Sec 12  
#9 Wasatch Valley  
Utah Co

Dear Mr. Hunt:

The Resource Development Coordinating Committee of the State of Utah has reviewed this proposed action and no adverse comments have been indicated.

Thank you for the opportunity of reviewing this document. Please address any other questions regarding this correspondence to Carolyn Wright (801) 533-4971.

Sincerely,

Dale C. Hatch  
Director

DCH/jw

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1804-0135  
Expires August 31, 1985

9  
pow

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not u

to a different reservoir.  
(seals.)

1.  OIL WELL

2. NAME OF OPERATOR

Chevr

3. ADDRESS OF OPERATOR

P. O.

4. LOCATION OF WELL  
See also space  
at surface

2,004

14. PERMIT NO.

43-04

COMMENCED  
INS  
11-1-87

5. LEASE DESIGNATION AND SERIAL NO.

U-0806

6. INDIAN, ALLOTTEE OR TRIBE NAME

092527

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

WVFU

9. WELL NO.

#9

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC. T., R., M., OR BLM. AND SURVEY OR AREA

S. 12, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

Area of Notice, Report, or Other Data

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRAC TURE TREAT

MULTIPLE COMPLETE

FRAC TURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

~~XXXXXXXX~~ ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Convert to Injection

(Other)

(NOTE: Report results of multiple completion or 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.)\*

The production casing was patched and WVFU #9 was converted to injection on 8/27/87 as follows:

1. MIRU Western Oil Well Service #18 on 8/6/87. N/D wellhead. N/U BOPE.
  2. Pulled submersible pump. Cleaned out to 5,640'.
  3. Isolated casing leaks from 216' to 511'. Ran pipe analysis and recovery logs.
  4. Set CIBP at 5,113'. Rolled hole with 9.5 ppg mud.
  5. N/D 6" BOPE and tubing head. Cut-off old casing head. Weld on new head.
  6. Patched 5½" casing at 1,395' and cemented to surface. N/U new tubing head.
  7. Cleaned out to PBTD. Tested casing and patch to 500 psi.
  8. Acidized perfs at 5,460'-5,566' with 1,500 gals. 15% HCL. Swabbed back load.
  9. Acidized perfs at 5,383' and 5,406' with 1,000 gals. 15% HCL. Swabbed back load.
  10. Acidized perfs at 5,343' with 500 gals. 15% HCL. Swabbed back load. 3-BLM
  11. Set Mod. 'D' packer at 5,200'. Hydrotested in with injection string. 3-State
  12. Displaced casing with corrosion inhibited fluids. Landed tubing. N/D BOPE. N/U tree. 1-EEM
  13. Tested casing to 500 psi for 30 minutes with no leak off. 1-MKD
  14. Released rig and prepare to place well on injection. 3-Drig.
- 1-PLM  
1-Sec. 724-C  
1-File

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

SIGNED

*J. A. Watson*

TITLE

Office Assistant

DATE

September 1, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0806

POW 9

6. INDIAN, ALLOTTEE OR TRIBE NAME

092527

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <del>Water Injection Well</del>		7. UNIT AGREEMENT NAME Wonsits Valley Federal	
2. NAME OF OPERATOR Chevron U.S.A. Inc.		8. FARM OR LEASE NAME WVFU	
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201		9. WELL NO. #9	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2,004' FSL                      660' FEL                      (NE, SE)		10. FIELD AND POOL, OR WILDCAT Wonsits Valley	
14. PERMIT NO. 43-047-15440		15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5,060' KB	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S. 12, T8S, R21E	
		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 checked="" 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 type="checkbox"/>	<del>WATER SHUT-OFF</del> ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Convert to Injection</u>	
(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 and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The production casing was patched and WVFU #9 was converted to injection on 8/27/87 as follows:

- MIRU Western Oil Well Service #18 on 8/6/87. N/D wellhead. N/U BOPE.
- Pulled submersible pump. Cleaned out to 5,640'.
- Isolated casing leaks from 216' to 511'. Ran pipe analysis and recovery logs.
- Set CIBP at 5,113'. Rolled hole with 9.5 ppg mud.
- N/D 6" BOPE and tubing head. Cut-off old casing head. Weld on new head.
- Patched 5 1/2" casing at 1,395' and cemented to surface. N/U new tubing head.
- Cleaned out to PBD. Tested casing and patch to 500 psi.
- Acidized perfs at 5,460'-5,566' with 1,500 gals. 15% HCL. Swabbed back load.
- Acidized perfs at 5,383' and 5,406' with 1,000 gals. 15% HCL. Swabbed back load.
- Acidized perfs at 5,343' with 500 gals. 15% HCL. Swabbed back load.
- Set Mod. 'D' packer at 5,200'. Hydrotested in with injection string.
- Displaced casing with corrosion inhibited fluids. Landed tubing. N/D BOPE. N/U tree.
- Tested casing to 500 psi for 30 minutes with no leak off.
- Released rig and prepare to place well on injection.

3-BLM  
3-State  
1-EEM  
1-MKD  
3-Drig.  
1-PLM  
1-Sec. 724-C  
1-File

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

SIGNED J. K. Watson TITLE Office Assistant DATE September 1, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# 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: \_\_\_\_\_ Date 6/19/95 Time 9:00 am/pm  
 Test conducted by: M Johnson  
 Others present: \_\_\_\_\_

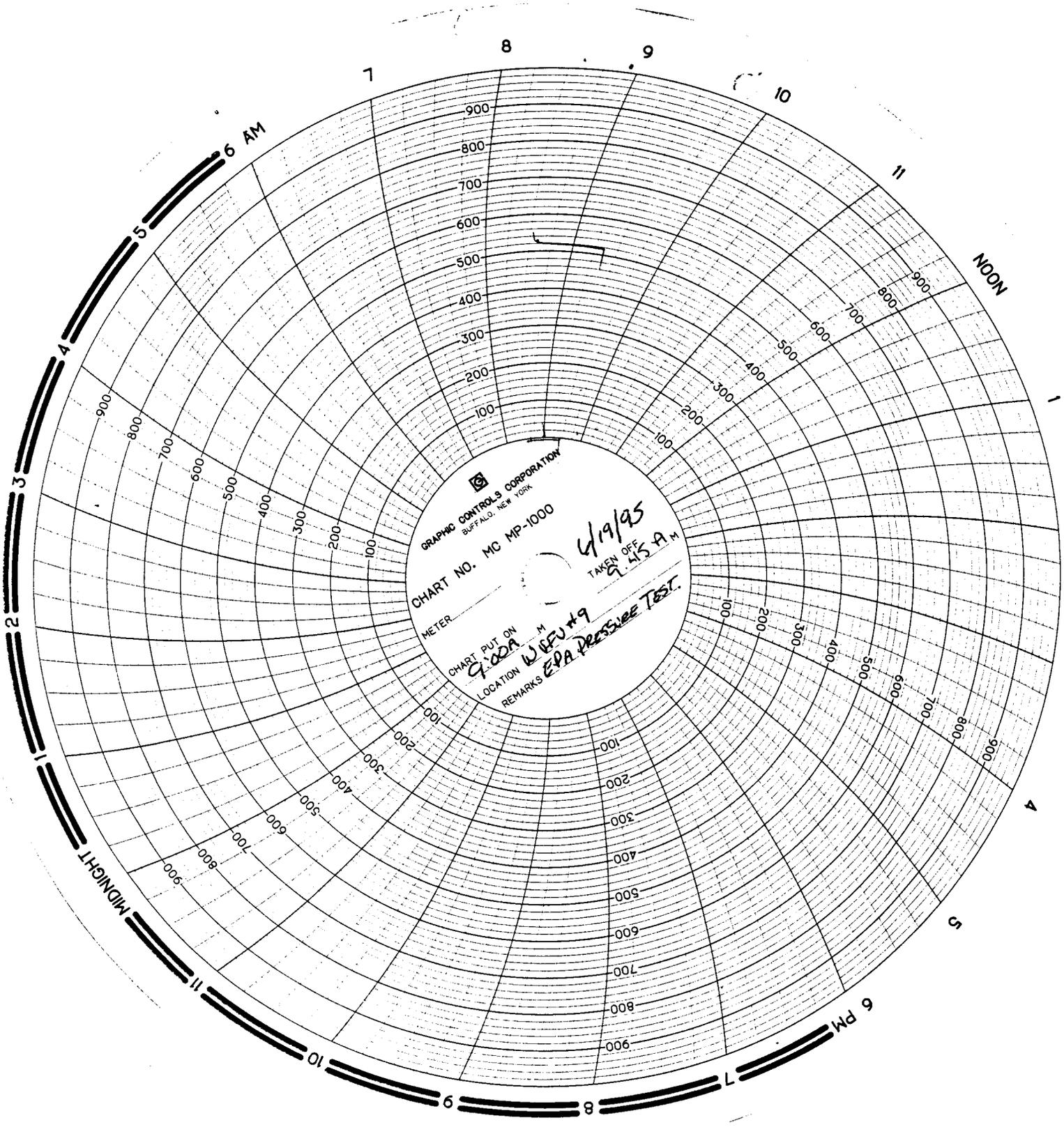
Well: <u>WUFV #9 43-04-15440</u> Field: <u>WONSIT VALLEY</u> Well Location: <u>NES 12-85-ZIE</u>	Well ID: <u>UTO 2466</u> Company: <u>CHEVRON USA INC</u> Address: <u>11002 E 7500 S</u> <u>VERNAL UTAH 84078-8526</u>
--	--

WELL IS SHUT IN.

Time	Test #1	Test #2	Test #3
0 min	<u>520</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>515</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	<u>540</u> <u>PSI</u>	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	_____ psig	_____ psig	_____ psig

Result (circle) Pass Fail      Pass Fail      Pass Fail

Signature of EPA Witness: \_\_\_\_\_  
*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 M  
9:00A WLFU #9  
LOCATION  
REMARKS EPA Pressure Test.

4/19/95  
TAKEN OFF  
9:45 AM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-0806**

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

7. If Unit or CA, Agreement Designation  
**Wonsits Valley Federal Unit**

8. Well Name and No.  
**Wonsits Valley Federal Unit 9**

9. API Well No.  
**43-047-15440**

10. Field and Pool, or Exploratory Area  
**Wonsits Valley - Green River**

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

**SUBMIT IN TRIPLICATE**

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2004' FSL & 660' FEL (NE SE) SECTION 12, T8S, R21E, SLBM**

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

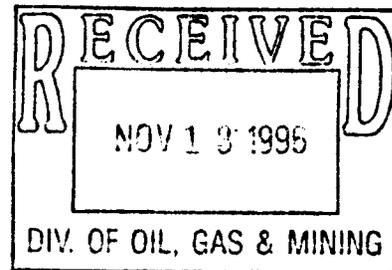
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/>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

**CHEVRON IS REQUESTING AN EXTENSION ON THE ABOVE TEMPORARILY ABANDONED WELL STATUS AS WE ARE EVALUATING WELL FOR DEEPENING.**

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



14. I hereby certify that the foregoing is true and correct.  
Signed **G.D. SCOTT** *G.D. Scott* Title **DRILLING TECHNICIAN** Date **November 4, 1996**

(This space for Federal or State office use)

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

Conditions of approval, if any \_\_\_\_\_

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

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)  
**2004' FSL & 660' FEL (NE SE) SECTION 12, T8S, R21E, SLBM**

5. Lease Designation and Serial No.  
**U-0806**

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

7. If Unit or CA, Agreement Designation  
**Wonsits Valley Federal Unit**

8. Well Name and No.  
**Wonsits Valley Federal Unit 9**

9. API Well No.  
**43-047-15440**

10. Field and Pool, or Exploratory Area  
**Wonsits Valley - Green River**

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

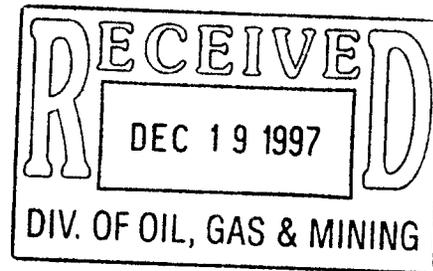
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 checked="" type="checkbox"/> Other <u>TA STATUS OF WELL</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)

**CHEVRON IS REQUESTING A TA STATUS ON THE ABOVE WELL. WE PLAN TO REPERMIT FROM CLASS II-ER TO CLASS II-D IN 1998.**



14. I hereby certify that the foregoing is true and correct.  
Signed *D C Janner* Title Computer Systems Operator Date 12/10/97

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-0806**

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

7. If Unit or CA, Agreement Designation  
**Wonsits Valley Federal Unit**

8. Well Name and No.  
**Wonsits Valley Federal Unit 9**

9. API Well No.  
**43-047-15440**

10. Field and Pool, or Exploratory Area  
**Wonsits Valley - Green River**

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

***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)  
**2004' FSL & 660' FEL (NE SE) SECTION 12, T8S, R21E, SLBM**

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

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

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

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

**WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.**

**WE PLAN TO SUBMIT UIC PERMIT APPLICATION FOR THIS RULE AUTHORIZED WELL TO RECLASSIFY IT FOR CLASS II WATER DISSPOSAL.**

*[Handwritten signature and stamp]*

14. I hereby certify that the foregoing is true and correct.  
Signed D. C. BEAMAN *DcBeaman* Title COMPUTER SYSTEMS OPERATOR Date 3/18/1999

(This space for Federal or State office use)

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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  
**SHENANDOAH ENERGY, INC**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2004' FSL & 660' FEL (NE SE) SECTION 12, T8S, R21E, SLBM**

5. Lease Designation and Serial No.  
**U-0806**

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

7. If Unit or CA, Agreement Designation  
**Wonsits Valley Federal Unit**

8. Well Name and No.  
**Wonsits Valley Federal Unit 9**

9. API Well No.  
**43-047-15440**

10. Field and Pool, or Exploratory Area  
**Wonsits Valley - 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 <u>TA STATUS FOR WELL</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

**WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.**

**WE PLAN TO SUBMIT UIC PERMIT APPLICATION FOR THIS RULE AUTHORIZED WELL TO RECLASSIFY IT FOR CLASS II WATER DISPOSAL.**

**RECEIVED**  
 APR 17 2000  
 DIVISION OF  
 OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
 Signed D. C. BEAMAN *D. C. Beaman* Title OFFICE MANAGER Date 04/13/00

(This space for Federal or State office use)

The Extension for Shut-in or Temporarily Abandonment may be issued, in accordance with **Accepted by the**  
 Approved by D. C. Beaman Title Office Manager Date 04/13/00  
 Condition of Approval: Sections 1.2 & 1.3, upon receipt and review, by the Division of Oil, Gas & Mining of  
Utah Division of  
Oil, Gas & Mining  
 Title of Supporting Data: 10-MAY-2000  
 Title of Supporting Data: 10-MAY-2000

# Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
 Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
 999 13th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date 4/19/2000 Time 10:00 (AM/PM)  
 Test conducted by: Mike Johnson/Co BIG RED HOT OIL SERVICE  
 Others present: \_\_\_\_\_

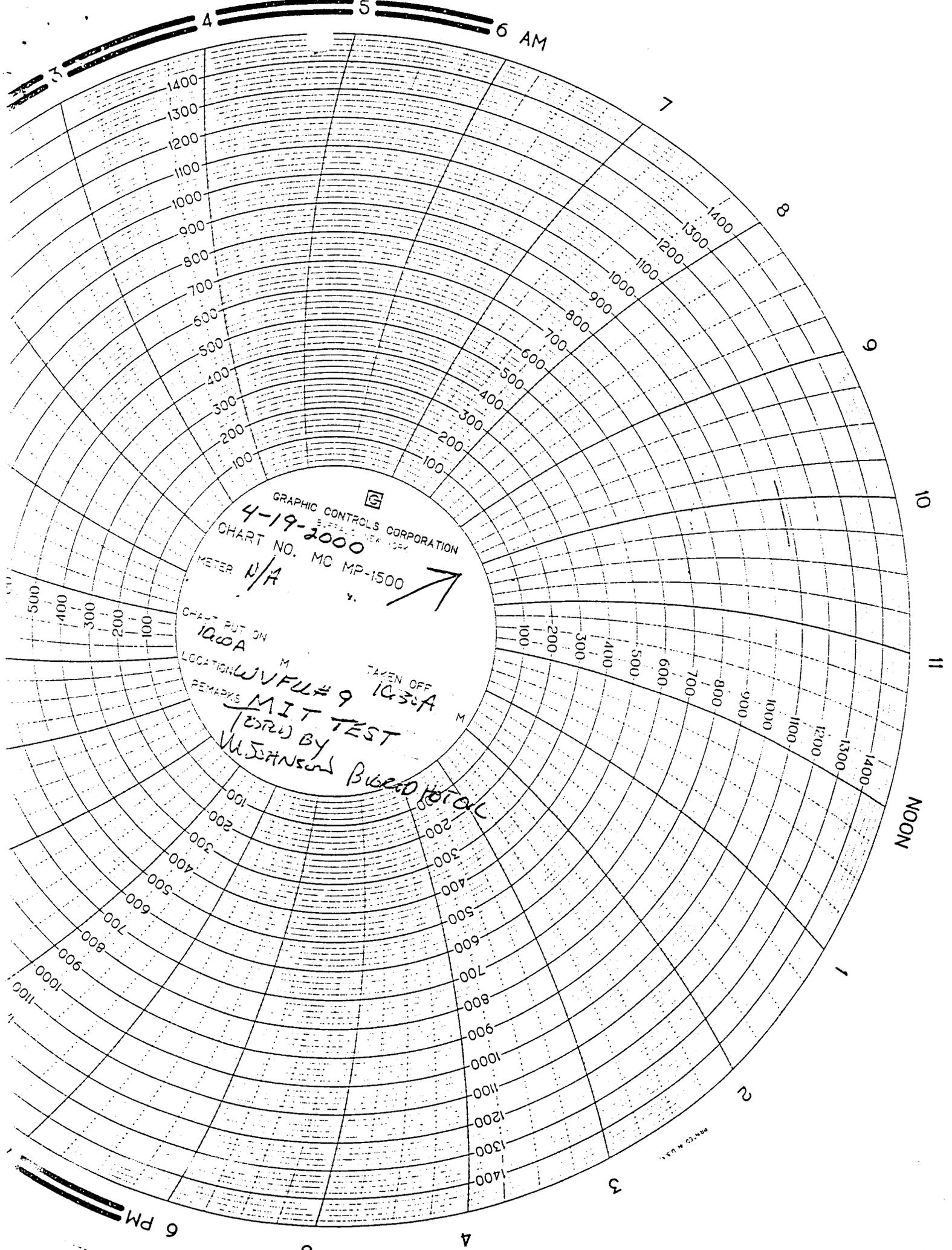
Well: <u>WVFL#9</u> Field: <u>Wonsita Valley</u> Well Location: <u>NE SE Sec. 12 T85R21E</u>	Well ID: <u>EPA# UTO2466</u> API#: <u>43-047-15440</u> Company: <u>S.E. Inc.</u> Address: <u>11002 East 17500 So.</u> <u>Vernal, UT. 84072-8526</u>
--	---

*Well status - TA*

Time	Test #1	Test #2	<i>Tubing pressure</i>
0 min	<u>1080</u> psig	_____ psig	<u>530</u> psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>1080</u>	_____	<u>550</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: \_\_\_\_\_  
*See back of page for any additional comments & compliance followup.*



GRAPHIC CONTROLS CORPORATION  
CHART NO. 4-19-2000  
METER N/A MC MP-1500

CHART PUT ON 1200A  
LOCATION: WJVFLL#9  
REMARKS: MIT TEST  
TAKEN OFF 1030A  
TESTED BY: W. JOHNSON  
BUREAU TOTAL

MADE IN U.S.A.

# Mechanical Integrity Test: Leaking or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 13th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date 4/19/2000 Time 10:00 (am/pm)  
Test conducted by: Mike JOHNSON/CO BIG RED HOT OIL SERVICE  
Others present: \_\_\_\_\_

Well: <u>WVFL#9</u> Field: <u>Wonsits Valley</u> Well Location: <u>NE SE Sec. 12 T85 R21E</u>	Well ID: <u>EPA# UTO2466</u> API#: <u>43-047-15440</u> Company: <u>S.E. INC.</u> Address: <u>11002 East 17500 So. Vernal, UT. 84078-8526</u>
---	---

Well status - TA

Time	Test #1	Test #2	<u>Tubing pressure</u>
0 min	<u>1080</u> psig	_____ psig	<u>550</u> psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>1080</u>	_____	<u>550</u>
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	_____ psig	_____ psig	_____ psig

**RECEIVED**  
APR 24 2000  
DIVISION OF  
OIL, GAS AND MINING

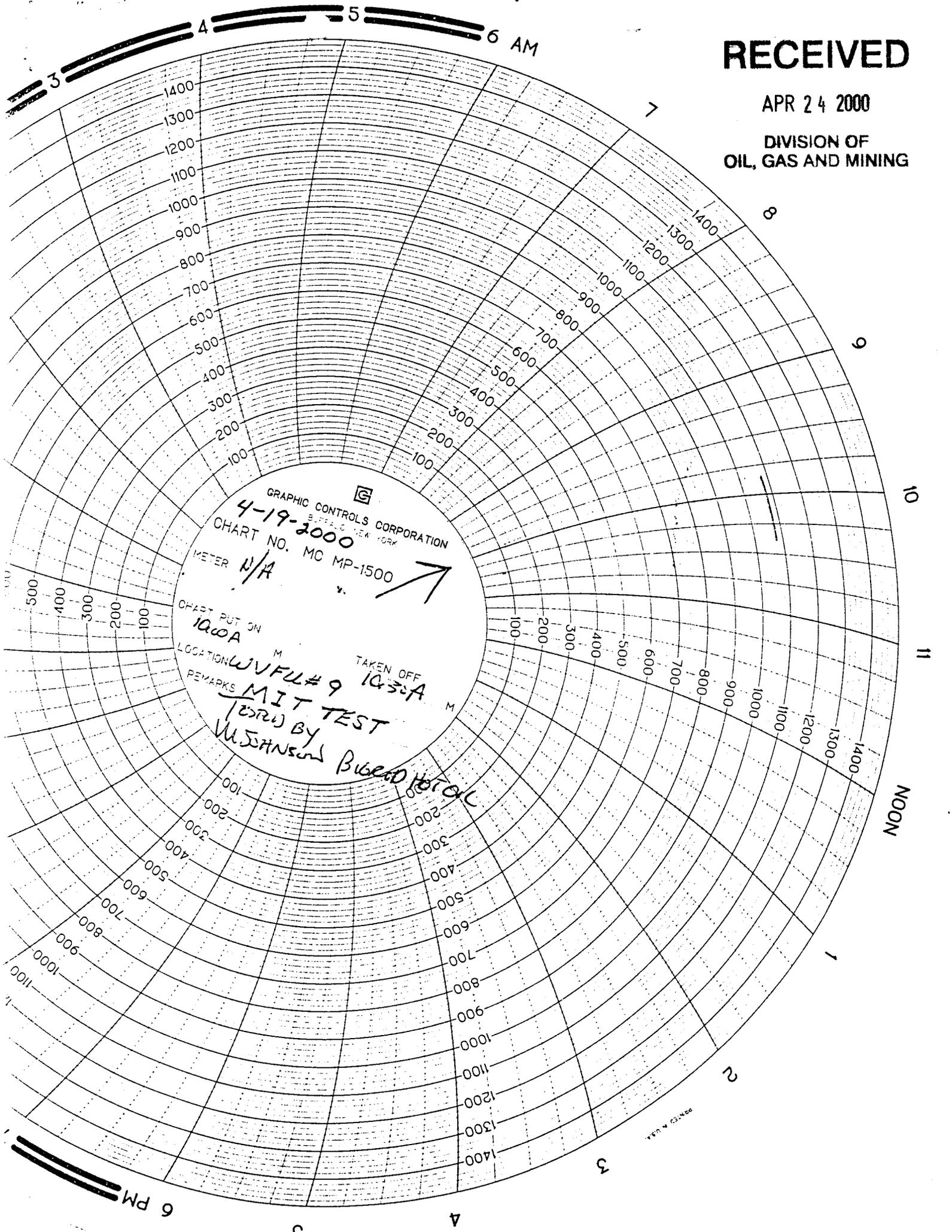
Result (circle) Pass Fail      Pass Fail      Pass Fail

Signature of EPA Witness: \_\_\_\_\_  
*See back of page for any additional comments & compliance followup.*

RECEIVED

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING



GRAPHIC CONTROLS CORPORATION  
4-19-2000  
CHART NO. MC MP-1500  
METER N/A

CHART PUT ON 10:00 A M  
LOCATION WVFULL # 9 1035 A M  
TAKEN OFF  
REMARKS MIT TEST  
TESTED BY W. J. HANSON  
BIBERID TOTAL

PRINTED IN U.S.A.

*Gil Hunt*

**SHENANDOAH ENERGY INC.**

---

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

April 19, 2000

**MECHANICAL INTEGRITY TESTS**  
Uintah County, Utah

Mr. Bahram Jafari  
Underground Injection Control Program  
United States Environmental Protection Agency  
Region VIII  
999 18th Street - Suite 500  
Denver, Colorado 80202-2466

**RECEIVED**

APR 24 2000

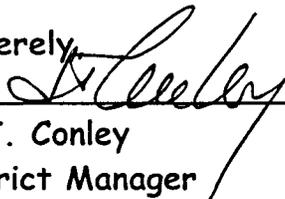
DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Jafari,

Results of recent mechanical integrity tests for the following wells are enclosed. If you have any questions or comments, please contact me at (435) 781-4301.

Well Name	EPA ID#
Costas Federal #1-20-4B	UT2726-03792
RWU # 91 (33-22B)	UT02423
RWU #264 (31-35B)	UT02449
RWU #102 (41-24A)	UT02406
RWU #185 (41-14B)	UT02441
GHU # 12	UT2727-03794
WVFU # 9	UT02466

Sincerely,

  
\_\_\_\_\_  
J. T. Conley  
District Manager

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

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 SEE ATTACHED LIST**

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.  
**N/A**

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

7. If Unit or CA, Agreement Designation  
**Wonsits Valley Federal Unit  
14-08-001-8482**

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area  
**Wonsits Valley - 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 <b>CHANGE OF OPERATOR</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

As of January 1, 2000 Chevron U.S.A. Inc. resigns as Operator of the Wonsits Valley Unit. The Unit number is 14-08-001-8482 effective November 23, 1962.

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 12/29/99

(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.

# 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- <del>15496</del> 15469
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	047-31066
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



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

**RECEIVED**

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

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

Re: Wonsits Valley 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 Wonsits Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective 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 Wonsits Valley Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Wonsits Valley Unit.

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

Sincerely,

/s/ 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 - Wonsits Valley Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment  
Field or Unit name: \_\_\_\_\_ API no. \_\_\_\_\_  
Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_  
Effective Date of Transfer: \_\_\_\_\_

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski Company Chevron Production Co.  
Signature [Signature] Address 100 Chevron Rd.  
Title Unit Manager Rangely, Colo. 81648  
Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.  
Signature [Signature] Address 11002 E. 17500 S.  
Title District Manager Vernal, UT 84078  
Date 7-21-00 Phone (435) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-21-00 WVFL #73 due for MIT testing.

RECEIVED

AUG 9 2000

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH	4-KAS ✓
2. CDW	5- <del>CDW</del> ✓
3. JLT	6-FILE

Enter date after each listed item is completed

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

Designation of Agent

Operator Name Change (Only)

Merger

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

01/01/2000

**FROM:** (Old Operator):

CHEVRON USA INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078-8526  
 Phone: 1-(435)-781-4300  
 Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078  
 Phone: 1-(435)-781-4300  
 Account No. N4235

**CA No.**

**Unit: WONSITS VALLEY**

**WELL(S)**

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
WVFU 143 (wiw)	43-047-31808	5265	10	08S	21E	FEDERAL
WVFU 36 (wiw)	43-047-15464	5265	10	08S	21E	FEDERAL
WVFU 40-2 (wiw)	43-047-31798	5265	10	08S	21E	FEDERAL
WVFU 28-2 (wiw)	43-047-31524	99990	11	08S	21E	FEDERAL
WVFU 97 (wiw)	43-047-30014	5265	11	08S	21E	FEDERAL
WVFU 9 (wiw)	43-047-15440	5265	12	08S	21E	FEDERAL
WVFU 31 (wiw)	43-047-15460	5265	14	08S	21E	FEDERAL
WVFU 35 (wiw)	43-047-15463	5265	14	08S	21E	FEDERAL
WVFU 59 (wiw)	43-047-20018	5265	14	08S	21E	FEDERAL
WVFU 140 (wiw)	43-047-31707	5265	15	08S	21E	FEDERAL
WVFU 16 (wiw)	43-047-15447	5265	15	08S	21E	FEDERAL
WVFU 41 (wiw)	43-047-15469	5265	15	08S	21E	FEDERAL
WVFU 50 (wiw)	43-047-15477	5265	15	08S	21E	FEDERAL
WVFU 60 (wiw)	43-047-20019	5265	15	08S	21E	FEDERAL
WVFU 67 (wiw)	43-047-20043	5265	15	08S	21E	FEDERAL
WVFU 68 (wiw)	43-047-20047	5265	15	08S	21E	FEDERAL
WVFU 71-2 (wiw)	43-047-32449	5265	15	08S	21E	FEDERAL
WVFU 21 (wiw)	43-047-15452	99990	16	08S	21E	FEDERAL
WVFU 73 (wiw)	43-047-20066	5265	16	08S	21E	FEDERAL
WVFU 126 (wiw)	43-047-30796	5265	21	08S	21E	FEDERAL
WVFU 120 (wiw)	43-047-32462	5265	22	08S	21E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**

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



Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
**U-0806**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.  
**8910084820**

8. Lease Name and Well No.  
**WVU 9**

9. API Well No.  
**4304715440**

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

1. Type of Well:  
 Oil Well  Gas Well  Other **INJECTION**

2. Name of Operator **SHENANDOAH ENERGY INC**  
**CONTACT: J.T. CONLEY DIVISION MANAGER**  
**EMAIL: jconley@shenandoahenergy.com**

3a. Address **11002 EAST 17500 SOUTH**  
**VERNAL, UT 84078**

3b. Phone No. (include area code)  
**TEL: 435.781.4300 EXT: 301**  
**FAX: 435.781.4329**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 12 T8S R21E NESE 2004FSL 660FEL**

10. If Unit or CA Agreement, Name and No.

11. If Unit or CA Agreement, Name and No.

12. If Unit or CA Agreement, Name and No.

13. If Unit or CA Agreement, Name and No.

14. If Unit or CA Agreement, Name and No.

15. If Unit or CA Agreement, Name and No.

16. If Unit or CA Agreement, Name and No.

17. If Unit or CA Agreement, Name and No.

18. If Unit or CA Agreement, Name and No.

19. If Unit or CA Agreement, Name and No.

20. If Unit or CA Agreement, Name and No.

21. If Unit or CA Agreement, Name and No.

22. If Unit or CA Agreement, Name and No.

23. If Unit or CA Agreement, Name and No.

24. If Unit or CA Agreement, Name and No.

25. If Unit or CA Agreement, Name and No.

26. If Unit or CA Agreement, Name and No.

27. If Unit or CA Agreement, Name and No.

28. If Unit or CA Agreement, Name and No.

29. If Unit or CA Agreement, Name and No.

30. If Unit or CA Agreement, Name and No.

31. If Unit or CA Agreement, Name and No.

32. If Unit or CA Agreement, Name and No.

33. If Unit or CA Agreement, Name and No.

34. If Unit or CA Agreement, Name and No.

35. If Unit or CA Agreement, Name and No.

36. If Unit or CA Agreement, Name and No.

37. If Unit or CA Agreement, Name and No.

38. If Unit or CA Agreement, Name and No.

39. If Unit or CA Agreement, Name and No.

40. If Unit or CA Agreement, Name and No.

41. If Unit or CA Agreement, Name and No.

42. If Unit or CA Agreement, Name and No.

43. If Unit or CA Agreement, Name and No.

44. If Unit or CA Agreement, Name and No.

45. If Unit or CA Agreement, Name and No.

46. If Unit or CA Agreement, Name and No.

47. If Unit or CA Agreement, Name and No.

48. If Unit or CA Agreement, Name and No.

49. If Unit or CA Agreement, Name and No.

50. If Unit or CA Agreement, Name and No.

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamati	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomple	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporar	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

**NOTICE OF INTENT to plug and abandon the WVU #9 well. Proposed procedure is attached.**

Name (Printed/Typed) **J. T. CONLEY** Title **District Manager**

Signature *J. T. Conley* Date **10-12-00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title **Accepted by the**

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

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

**ELECTRONIC SUBMISSION #1573 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR RECORD ONLY**

ENERGY INC SENT TO THE VERNAL FIELD OFFICE

Federal Approval Of This Action Is Necessary

SENT TO OPERATOR  
10-17-00  
642

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals

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

5. Lease Serial No.  
**U-0806**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

7. If Unit or CA Agreement, Name and No.  
**8910084820**

1. Type of Well:  
 Oil Well  Gas Well  Other **INJECTION**

8. Lease Name and Well No.  
**WVFU 9**

2. Name of Operator **SHENANDOAH ENERGY INC**  
**CONTACT: J.T. CONLEY DIVISION MANAGER**  
**EMAIL: jconley@shenandoahenergy.com**

9. API Well No.  
**4304715440**

3a. Address **11002 EAST 17500 SOUTH**  
**VERNAL, UT 84078**

3b. Phone No. (include area code)  
**TEL: 435.781.4300 EXT: 301**  
**FAX: 435.781.4329**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 12 T8S R21E NESE 2004FSL 660FEL**

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

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

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

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

**NOTICE OF INTENT to plug and abandon the WVFU #9 well. Proposed procedure is attached.**

Name (Printed/Typed) **J. T. CONLEY** Title **District Manager**

Signature *J. T. Conley* Date **10-12-00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title **Accepted by the**  
 \_\_\_\_\_ Office **Utah Division of**  
**Oil, Gas and Mining**

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

**ELECTRONIC SUBMISSION #1573 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR RECORD ONLY**

**Federal Approval Of This Action Is Necessary**

SENT TO OPERATOR  
10-17-00  
CJD

August 28, 2000

**WVFU # 9**  
**NE $\frac{1}{4}$ SE $\frac{1}{4}$  S12-T8S-R21E**  
**API # 43-047-15440**  
**EPA ID # UT02466**  
**Plug & Abandonment Procedure**

1. MIRU. Establish rate down tubing and check for casing communication.
2. Cement squeeze perfs down tubing w/ 150 sxs cement.
3. Sting out of Model D packer, roll hole w/ brine water. POOH w/ tubing.
4. Set CIBP @ ~ 5150' and spot 10 sxs cement on CIBP.
5. Perforate the Mahogany Shale top 3720'. Set CICR @ ~3700'and squeeze w/ 50 sxs cement. Spot 10 sxs on CICR.
6. Perforate the Green River top @ 2995'. Set CICR @ ~2950' and squeeze w/ 50 sxs cement. Spot 10 sxs on CICR.
7. Perforate @ ~330' and attempt to establish circulation up 5 $\frac{1}{2}$ " x 8 5/8" annulus. Circulate cement to surface via annulus and fill 5 $\frac{1}{2}$ " casing with cement from surface to 330'.
8. Cutoff wellhead and install dryhole marker per BLM specs.
9. Rehab location per BLM guidelines

WVFU # 9  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  S12-T8S-R21E  
API # 43-047-15440  
EPA ID # UT02466  
Plug & Abandonment Procedure

**SHENANDOAH ENERGY INC.**

43.047.15440

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

October 23, 2000

WVU 9  
85 21E 12

**Plug & Abandon Injection Well  
WVU # 9  
Wonsits Valley Federal Unit  
Uintah County, Utah**

**Mr. Al Craver  
Underground Injection Control Program  
United States Environmental Protection Agency  
Region VIII  
999 18th Street - Suite 300  
Denver, Colorado 80202-2466**

**Dear Mr. Craver,**

We have received the Bureau of Land Management approval for abandonment of this well. As part of the conditions of approval, the BLM is requiring minor changes to the abandonment procedure. They have required us to move the second and third plugs to 3380' and 2300' respectively. The revised procedure is enclosed. Please note the changes in your records.

**Wellname                      EPA ID**  
WVU # 9                              UT02466

Contact me if you have questions regarding the well abandonment.

**Sincerely,**



**J. T. Conley  
District Manager**

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

RECEIVED  
OCT 27 2000  
DIVISION OF  
OIL, GAS AND MINING

**WVFU # 9**  
**NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> S12-T8S-R21E**  
**API # 43-047-15440**  
**EPA ID # UT02466**  
**Plug & Abandonment Procedure**

1. MIRU. Establish rate down tubing and check for casing communication.
2. Cement squeeze perms down tubing w/ 150 sxs cement.
3. Sting out of Model D packer, roll hole w/ brine water. POOH w/ tubing.
4. Set CIBP @ ~ 5150' and spot 10 sxs cement on CIBP.
5. Perforate the Mahogany Shale top 3380'. Set CICR @ ~3330' and squeeze w/ 50 sxs cement. Spot 10 sxs on CICR.
6. Perforate the Green River top @ 2300'. Set CICR @ ~2250' and squeeze w/ 50 sxs cement. Spot 10 sxs on CICR.
7. Perforate @ ~330' and attempt to establish circulation up 5 1/2" x 8 5/8" annulus. Circulate cement to surface via annulus and fill 5 1/2" casing with cement from surface to 330'.
8. Cutoff wellhead and install dryhole marker per BLM specs.
9. Rehab location per BLM guidelines

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

<b>SUBMIT IN TRIPLICATE- Other Instructions on reverse side</b>		5. Lease Serial No. <b>U-0806</b>
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA Agreement, Name and No. <b>8910084820</b>
1. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <b>INJECTION</b>		8. Lease Name and Well No. <b>WFVU 9</b>
2. Name of Operator <b>SHENANDOAH ENERGY INC</b> <b>CONTACT: J.T. CONLEY DIVISION MANAGER</b> <b>EMAIL: jconlev@shenandoahenergy.com</b>		9. API Well No. <b>4304715440</b>
3a. Address <b>11002 EAST 17500 SOUTH</b> <b>VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>TEL: 435.781.4300 EXT: 301</b> <b>FAX: 435.781.4329</b>	10. Field and Pool, or Exploratory <b>WONSITS VALLEY</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 12 T8S R21E NESE 2004FSL 660FEL</b>		11. County or Parish, State <b>UINTAH, UT</b>

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

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

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

**Work performed between 10/31/00 and 11/11/00**

Flowback well until died. MIRU, squeeze producing perms 5343'-5566' thru Mdl D packer. Sting out and POOH w/ tbg. Set CIBP @ 5150' and cap w/ 5 sxs cement. Perf squeeze holes at 3380', set CICR @ 3320' and cement w/ 50 sxs CI G. Spot 10 sxs plug on CICR @ 3320' Perf squeeze holes at 2303', set CICR @ 2251' and cement w/ 50 sxs CI G. Spot 10 sxs plug on CICR @ 2251'. Perf squeeze holes at 330', attempt to est circ up 5 1/2" x 8 5/8" annulus w/ no luck. Cement job from casing patch returned to surface preventing circulation. Set CICR @ 280' and cement w/ 25 sxs CI G. Sting out of CICR and circ cement from top of CICR at 280' back to surface filling 5 1/2" casing. Cut off wellhead and install dryhole marker.  
Requesting final abandonment of this well. Wellpad will be used for twin well permitted at this location.

Name (Printed/Typed) <b>J.T. CONLEY</b>	Title <b>District Manager</b>
Signature <i>J. Conley</i>	Date <b>11-20-00</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

**ELECTRONIC SUBMISSION #2016 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR SHENANDOAH ENERGY INC SENT TO THE VERNAL FIELD OFFICE**

# SHENANDOAH ENERGY INC.

---

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

November 20, 2000

**Plug & Abandon Injection Well**  
**WVFU # 9**  
**Wonsits Valley Federal Unit**  
**Uintah County, Utah**

**Mr. Al Craver**  
**Underground Injection Control Program**  
**United States Environmental Protection Agency**  
**Region VIII**  
**999 18th Street - Suite 300**  
**Denver, Colorado 80202-2466**

**RE: P&A Rework Records**

**Dear Mr. Craver,**

Please find attached the rework and plugging record for this injection well.

**Wellname**  
WVFU # 9

**EPA ID**  
UT02466

*43-047-15440 Sec. 12, 85 R 21E*

Please contact me if you require additional information regarding this well abandonment.

**Sincerely,**



---

**J. T. Conley**  
**District Manager**

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

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



### WELL REWORK RECORD

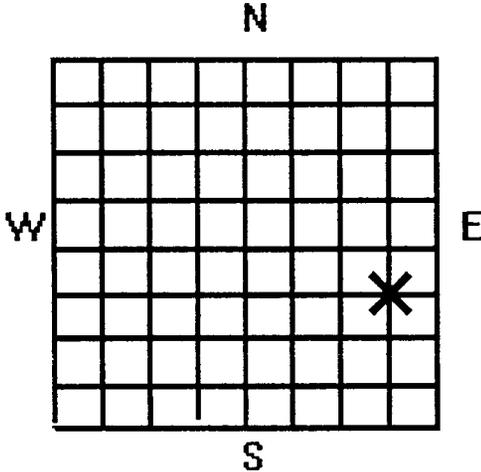
NAME AND ADDRESS OF PERMITTEE

**Shenandoah Energy Inc.**  
11002 East 17500 South  
Vernal, UT 84078-8526  
(435) 781-4300

NAME AND ADDRESS OF CONTRACTOR

**Key Energy Services**  
PO Box 676779  
Dallas, TX 75267  
(970) 675-8281

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



STATE  
UTAH

COUNTY  
UINTAH

PERMIT NUMBER  
UT-02466

SURFACE LOCATION DESCRIPTION

NE 1/4 OF SE 1/4 OF SECTION 12 TOWNSHIP 8S RANGE 21E

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

Surface

Location 2004' ft. from (N/S) S Line of quarter section

and 660' ft. from (E/W) E Line of quarter section

- WELL ACTIVITY
- Brine Disposal
  - Enhanced Recovery
  - Hydrocarbon Storage

Total Depth Before Rework

5870'

Total Depth After Rework

n/a

TYPE OF PERMIT

- Individual
  - Area
- Number of Wells 1

Lease Name

**Wonsits Valley Unit**

Date Rework Commenced

10/31/2000

Well Number

**WVFU #9**

Date Rework Completed

11/11/2000

#### WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	224'	150	Reg	NA		
5 1/2"	5743'	165	Reg	5343'	5566'	

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

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	224'	150	Reg	NA		
5 1/2"	5743'	165	Reg	5343'	5566'	Original long string primary cement job
5 1/2"	5743'	150	G	5343'	5566'	Squeezed perms 5343'-5566' to abandon with 150 sxs Class G cement
5 1/2"	5743'	50	G	3380'	3380'	Perf and squeeze with 50 sxs Class G, spot 10 sxs plug on CICR @ 3320'
5 1/2"	5743'	50	G	2303'	2303'	Perf and squeeze with 50 sxs Class G, spot 10 sxs plug on CICR @ 2251'
5 1/2"	5743'	25	G	330'	330'	Perf and squeeze with 25 sxs Class G under CICR @ 280', circulate cement to surface in 5 1/2" casing.

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS. LIST EACH TYPE

	Log Types		Logged Intervals
Squeeze injection perms w/ 150 sxs Class G cement. POOH with inj tbg.			
Set CIBP @ 5150' and cap w/ 5 sxs cement. Perf squeeze holes at 3380' and cement w/ 50 sxs under CICR @ 3320', cap w/ 10 sxs plug.			
Perf squeeze holes @ 2303' and cement w/ 50 sxs under CICR @ 2251', cap w/ 10 sxs plug. Perf squeeze holes at 330', attempt to circ			
Up 5 1/2" x 8-5/8" annulus, good cement to surface preventing circulation.			
Set CICR @ 280', squeeze perf 330' w/ 25 sxs. Circ cement to surface.			

#### CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print)

**J. T. Conley**  
District Manager

SIGNATURE

DATE SIGNED

11-20-00

**FIELD: WONSITS VALLEY** GL: 5050 ' KBE: 5060 '  
**WELL NAME: WVFU # 9** TD: 5870 ' P8TD 5690 '  
 Location:  
 NE¼SE¼ S12-T8S-R21E API# 43-047-15440  
 Uintah County, Utah EPA# UT-02466

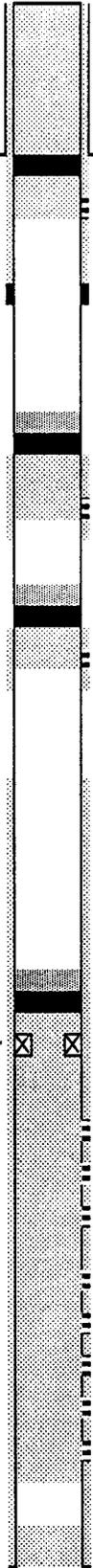
Wellbore Schematic

**Surface casing**  
 Size 8 5/8"  
 Weight 24#  
 Grade J-55  
 Cemented  
 W/ 150SXS  
 Set @ 224'  
 HOLE SIZE 13 3/4"

5 1/2", 15.5#, K-55  
 Cmtd w/ 330 sxs  
 Casing Patch @ 1394'

Mdl D Packer @ 5198'

**Production casing**  
 Size 5 1/2"  
 Weight 14#  
 Grade J-55  
 CEMENTED  
 W/ 165 sxs  
 SET @ 1394'-5743'  
 HOLE SIZE 7 7/8"



CICR @ 280'  
 Squeeze holes at 330'  
 TOC est. at 2215'  
 CICR @ 2251'  
 Squeeze holes at 2303'  
 TOC est. at 3285'  
 CICR at 3320'  
 Squeeze perms. at 3380'  
 TOC @ 4692'  
 TOC est. at 5115'  
 CIBP at 5150'  
 5343' E5  
 5383' F1  
 5406' F2  
 5460' F4  
 5487'-5490' F5  
 5505'-5510' F5  
 5525'-5530' F5  
 5556'-5566' G1  
 P8TD @ 5690'  
 TD @ 5870'

Form 3160-5  
(August 1999)

UNITED STATES  
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FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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**U-0806**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

7. If Unit or CA Agreement, Name and No.  
**8910084820**

1. Type of Well:  
 Oil Well  Gas Well  Other **INJECTION**

8. Lease Name and Well No.  
**WVU 9**

2. Name of Operator **SHENANDOAH ENERGY INC**  
**CONTACT: J.T. CONLEY DIVISION MANAGER**  
**EMAIL: jconley@shenandoahenergy.com**

9. API Well No.  
**4304715440**

3a. Address **11002 EAST 17500 SOUTH**  
**VERNAL, UT 84078**

3b. Phone No. (include area code)  
**TEL: 435.781.4300 EXT: 301**  
**FAX: 435.781.4329**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 12 T8S R21E NESE 2004FSL 660FEL**

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Requesting final abandonment of this well. Wellpad will be used for twin well permitted at this location.

Name (Printed/Typed) **J.T. Conley** Title **District Manager**

Signature *JT Conley* Date **09-07-2000**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

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**ELECTRONIC SUBMISSION #2016 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR SHENANDOAH ENERGY INC SENT TO THE VERNAL FIELD OFFICE**