

**FILE NOTATIONS**

Entered in MID File ..... ✓  
Location Map Pinned .....  
Card Indexed ..... ✓

Checked by Chief *PWB*  
Approval Letter *11-8-74*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed .....

Location Inspected .....

WV..... WW..... TA.....

Bond released

SW..... OS..... PA.....

State or Fee Land .....

**LOGS FILED**

Driller's Log.....

Electric Logs (No.) .....

..... I..... Dual I Lat..... GR-N..... Micro.....

WMC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

*6-5-75 Approval To Drill Terminated - See  
Location Abandoned*

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

*Location Abandoned 4-16-75*

DATE FILED Hold for ECC Review

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. **ML-31070** PUBLIC LEASE NO. \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: **11-8-74**

SPUDDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: **4310' GR**

DATE ABANDONED: **4-16-75 LA'd**

FIELD: **Wildcat 3/86**

UNIT: \_\_\_\_\_

COUNTY: **Washington**

WELL NO. **STATE 16-40-18 - #11**

APT. NO: **43-053-30016**

LOCATION **500** FT. FROM ~~XX~~ (S) LINE, **2140**

FT. FROM (E) ~~XX~~ LINE. **SW SW SE**  $\frac{1}{4}$ - $\frac{1}{4}$  SEC. **16**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
				<b>40S</b>	<b>18 W</b>	<b>16</b>	<b>WARNER VALLEY OPERATIONS</b> <i>OSL</i>

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

*ML 31070*

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

Warner Valley Operations, Inc.

9. Well No.

16-40-18 #11

3. Address of Operator

243 Center, Salt Lake City, Utah 84103

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface

~~1820~~ 3140 ft from West line & 500 ft from South line  
Plat to furnished

At proposed prod. zone

Navajo

*2140 FR subbase*

11. Sec., T., R., M., or Blk. and Survey or Area

SW 1/4 SE 1/4 Sec. 16 T40S R18W

14. Distance in miles and direction from nearest town or post office\*

6 miles West of Gunlock, Utah

12. County or Parrish 13. State

Washington Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

500 ft

16. No. of acres in lease

2425. A

17. No. of acres assigned to this well

40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

1200 ft

19. Proposed depth

1,000 ft

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4310 ft Ground

22. Approx. date work will start\*

5 Nov. 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
Unknown at Present	7"		100'	60 sacks circulated to surface

Information on contractor and specks on B.O.P.

To be furnished

*Please consider this confidential*

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

24.

Signed

*Marion D. [Signature]*

Title

President

Date

21 Oct. 1974

(This space for Federal or State office use)

Permit No.

*43-053-30016*

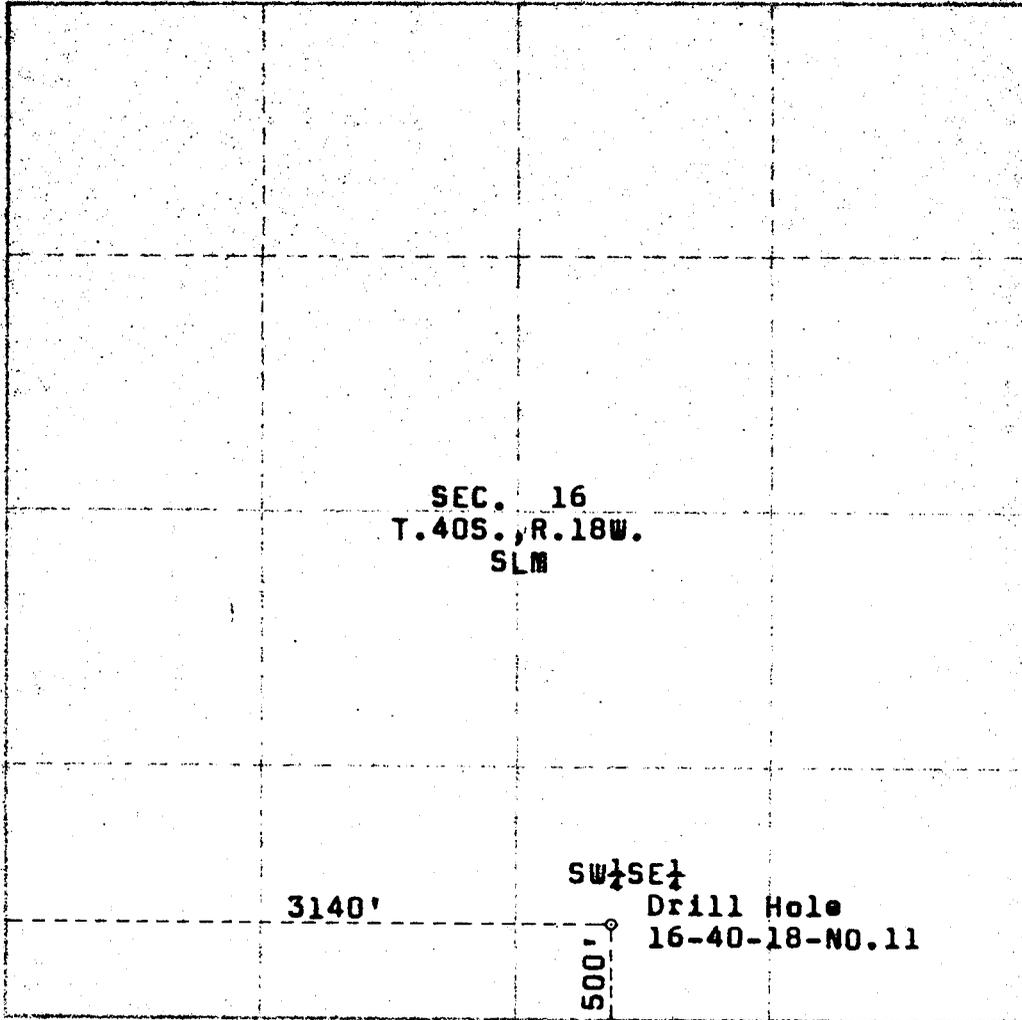
Approval Date

Approved by

Title

Date

Conditions of approval, if any:



SEC. 16  
T.40S., R.18W.  
SLM

3140'

SW  $\frac{1}{4}$  SE  $\frac{1}{4}$

Drill Hole  
16-40-18-NO.11

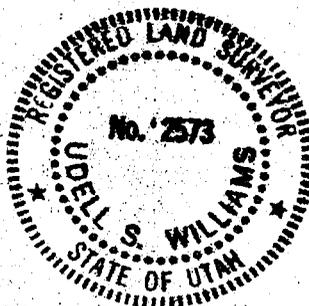
500'

SCALE: 1" = 1000'

**DRILL HOLE  
16-40-18-NO.11**

East 3140 feet from the West boundary and North 500 feet from the South boundary of Section 16, T.40S., R.18W., SLM.

Groundline Elev. 4340



**SURVEYOR'S 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

*Udell S. Williams*  
UTAH R. L. S. NO. 2573



UDELL S. WILLIAMS  
751 ROOSE AVENUE  
GRAND JUNCTION, COLORADO  
81501

PLAT OF  
PROPOSED LOCATION  
**DRILL HOLE 16-40-18-NO.11**  
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  SEC. 16  
T.40S., R.18W., S.L.M.

SURVEYED BY: USW DATE 10/27/74

DRAWN BY: USW DATE 10/29/74

12 Point Program for Section 16, Township 40S, Range 18W  
7 Locations Wells # 3,4,5,6,8,10,11

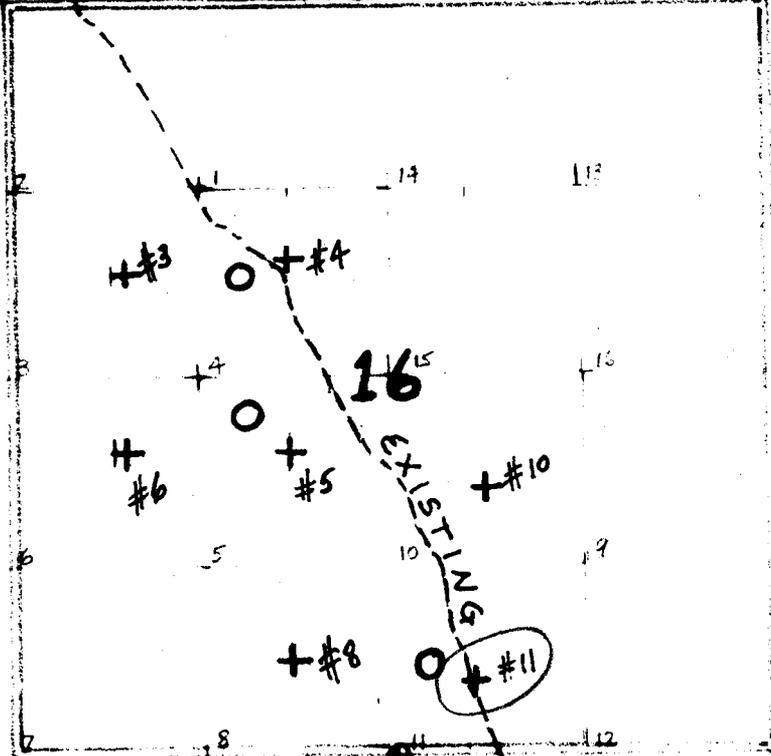
1. Going south on Gunlock Highway, turn west on improved dirt road eight tenths miles south of Gunlock. Go in general westerly direction for nine miles, turning north on Cole Spring Road. See map of Section 16, submitted showing intersection in SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 21.
2. Cole Spring Road goes within 20 yards of location. Access road will not be necessary.
3. No known wells in area.
4. Previously covered in No. 2.
5. Shown on Section 16, map submitted.
6. Stream flowing just west of Gunlock Highway will supply all water needed. Approximately ten miles from locations.
7. Cuttings to be buried with reserve pit cover over. Garbage to be buried, trash to be burned.
8. No camp as such planned at this point.
9. N/A
10. Map to be furnished upon completion of negotiation with perspective drilling contractor.
11. Surface to be restored according to State recommendations.
12. Surface of ground slopping north in general area, with small hills and ridges running north, northeast, toward large mountain ridge and Jackson Peak, two to three miles to the north. Vegetation: sagebrush and scattered cedar and pinion pine.

# MAP of

STATE

Twp 40S SECTION

RNGE 18 W



○ TANK BATTERIES

BRASS CAP

ACCESS ROAD

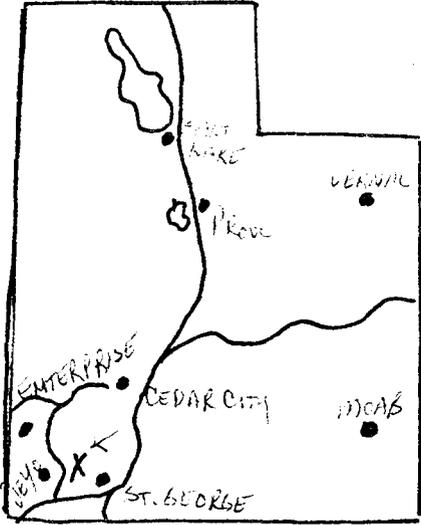
21

GUNLOCK 10 Mi.

2 1/4 Mi. MATOQUE Rd    Hwy 91 11 Mi. So.

*File*

WILDCAT WELL - 16-40-18 NO. 11



Prepared by the Division of Oil and Gas Conservation

October, 1974

Anticipated Major Environmental Impacts:  
Physical - Geological displacement of soil erosion  
Biological - Not significant  
Human - Small economic benefits through drilling activity. Secondary impacts could be considerable depending upon success of exploration.

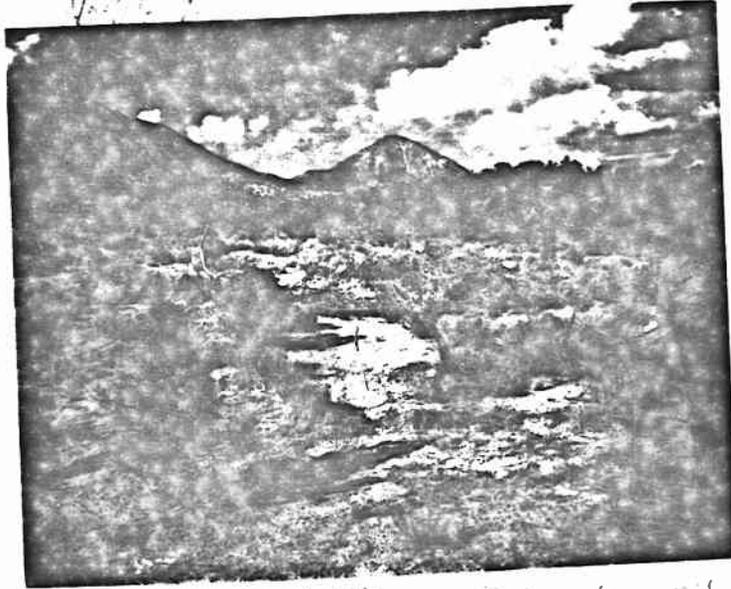
Contents:

- DESCRIPTION
- ALTERNATIVES
- IMPACT
  - Direct
  - Indirect
- MITIGATIVE MEASURES
- SHORT-TERM VERSUS LONG-TERM EFFECTS
- IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS
- CONTROVERSIAL ELEMENTS

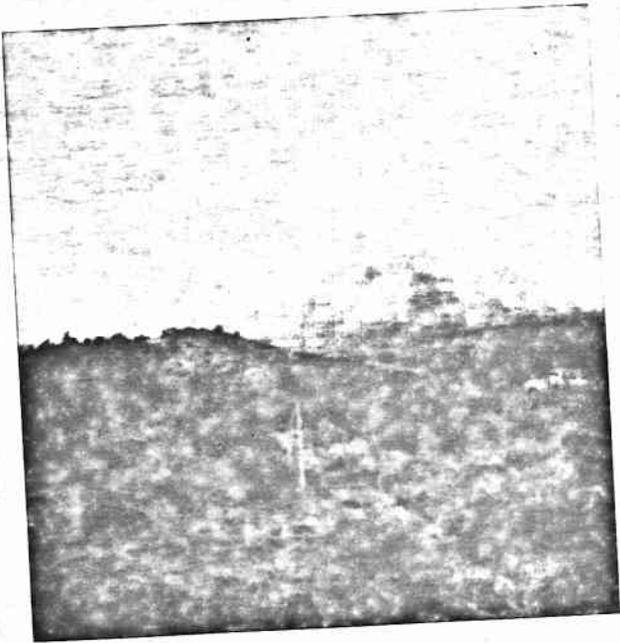
Estimated Cost: \$25,000



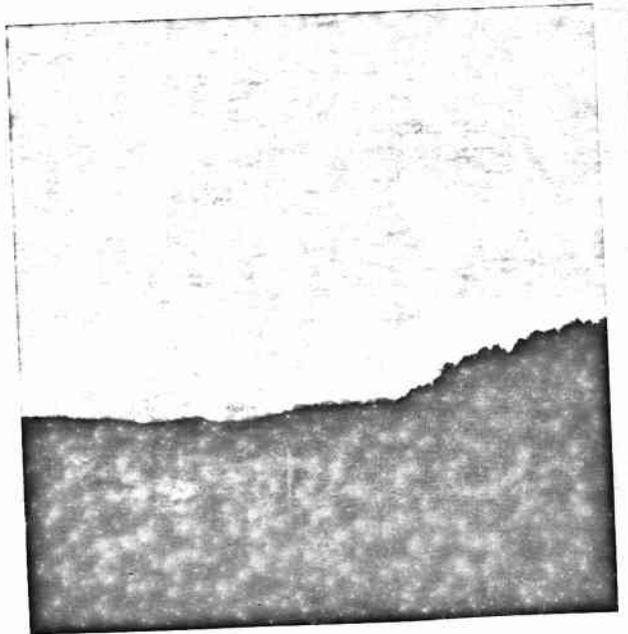
Physical: The ground in the general area of the well site slopes towards the North, with small hills and ridges running north, northeast, towards a large mountain range and Jackson Peak, which is 2 to 3 miles to the east. (see pictures) The site is surrounded by higher elevations to the east, west, and north with drainages leading to the southeast.



General area of well site



#11. looking north



#11. looking south

4

Biological: Sagebrush, desert forbs, bushes and grasses, together with scattered cedars and pinion pines. No birds or animals were observed during the inspection of the area, however, it must be presumed that the normal desert mammals and birds frequent the area.

Human: The well site is approximately 6 miles west of Gunlock as the crow flies; 10 miles by road. Gunlock is a very small farming and ranching community in a very remote area of the state. No archeological or historical sites could be observed on or within the immediate vicinity of the area to be disturbed.

Status Quo: Exploratory drilling must take place before any determination can be made as to the area's potential.

Alternate 2: At the present time, the operator intends to drill a well to the north, west, and east on a 40-acre pattern regardless of **how** this well turns out. Therefore, moving the location would serve no purpose.

IMPACT - DIRECT:

Air Quality: No significant impact; exhaust emissions from a small engine on the rig and 2 or 3 motor vehicles per day, entering and leaving the site, will be exhausted to the atmosphere.

Noise: Will not constitute a problem because of the small rig being used.

Water: No streams or other surface water exists in the area. The nearest natural perennial stream is ten miles away just west of the Gunlock road. Water for use on the site will be trucked from this stream.

Geological: The site is covered with sandy alluvium with coarser gravel exposed on some portions. Moderate soil erosion will occur.

Biological: All vegetation will be removed with a dozer blade from the immediate vicinity of the well site to reduce any fire hazard and to increase the safety of working personnel. If possible, the area will be re-seeded, garbage and trash burned.

Human: Little if any boost to the economy of Gunlock will occur.

IMPACT - INDIRECT:

Employment: Other than a bulldozer operator, no local residents will be employed. However, if an oil and/or gas field is discovered, some local employment will result.

Public Service Requirement: Drilling rig will need no support. The discovery of a large oil field will have significant impact.

Tax: Discovery of an oil and/or gas field will create an additional tax base for the area.

MITIGATIVE MEASURES:

Only the minimum area of land surface absolutely required for drilling the well will be disturbed. Revegetation will reduce erosion. Other than erosion, any environmental impact will be of short duration.

SHORT-TERM VERSUS LONG-TERM EFFECTS:

Successful development of an oil or gas field will far outweigh any short disturbance to the environment.

IRREVERSIBLE OR IRRETRIEVABLE COMMITMENTS:

Commitment of approximately \$25,000 to drill the well with little chance of recovering said investment.

October 25, 1974

MEMO FOR FILING

Re: Warner Valley Operations  
#11  
Sec. 16, T. 40 S, R. 18 W.  
Washington County, Utah

On October 9, 1974, a visit was made to the above referred to well site.

Location inspected for the purpose of an Environmental Assessment.

Cleon B. Feight  
Director

CBF:th

November 8, 1974

Warner Valley Oil Operations, Inc.  
243 Center  
Salt Lake City, Utah 84103

Re: Well No's:  
Hunt State #2  
Sec. 8, T. 40 S, R. 16 W,  
State 16-40-18 - No. 11  
Sec. 16, T. 40 S, R. 18 W,  
Washington County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the General Rules and Regulations.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API Number assigned to these wells are:

State #2: 43-053-30015      State #11: 43-053-30016

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: Division of State Lands

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML 31070</b>
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Warner Valley Oil Operations, Inc.</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>243 Center Salt Lake City, Utah 84103</b>		8. FARM OR LEASE NAME <b>Warner Valley Oil Operations</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1820' from West line and 500' from South line.</b>		9. WELL NO. <b>16-40-18 #11</b>
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>4310' ground</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW 1/4 SE 1/4 Sec 16, T40S, R18W -15</b>
		12. COUNTY OR PARISH    13. STATE <b>Washington                      Uta h</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) _____	
(Other) _____		(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 was never drilled. Location temporarily abandoned.

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

SIGNED John E. Jacobs TITLE Secretary DATE 16 April 1975

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: