

FILE NOTATIONS

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

Checked by Chief ..... J  
Approval Letter ..... 2.70.75  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....  
W..... WW..... TA.....  
SW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) *NO electric logs run*  
..... I..... Dual I Lat..... GR-N..... Micro.....  
Sonic GR..... Lat..... M-L..... Sonic.....  
CLog..... CLog..... Others.....

*Conf. status released 11-18-75*

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

ML 30916

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Warner Valley Oil Operations, Inc.

3. Address of Operator

243 Center, Salt Lake City, Utah 84103

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

500' from North line and 500' from East line

At proposed prod. zone

Navajo

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

3/4 mile southeast of Veyo, Utah 439.40

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

1,000 Ft

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.

30 Ft

19. Proposed depth

20. Rotary or cable tools

Rotary

February 17 ~~January~~ 1975

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

4475 Ft ground

22. Approx. date work will start\*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10"	7"	23 lb used	100'	60 sacks circulated to surface
6 1/2"				

Contractor lost 8 joints of drill pipe in original hole at 584 ft

2-18-75 - Regan, #GP 22732, 2000 psi, 8 5/8

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 2-20-75

BY C.B. Feighel/Su

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

*[Signature]*

Title

President

Date 13 February

(This space for Federal or State office use)

Permit No.

43-053-30017

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

T. 40 S. , R. 16 W. , S. L.B. & M.

( WASHINGTON COUNTY , UTAH )



RANGE LINE

R. 17 W.

R. 16 W.

DRILLING SITE  
( Veyo no. 1 )

South  
500'

West  
500'

Sec. Cor.  
( Brass Cap )

6 5  
7 8

MEMORANDUMS :

1. GROUND ELEVATION AT DRILLING SITE = 4475± ( Sea Level Datum )
2. REFERENCES USED - U.S. G.L.O. PLAT & RESURVEY DATA , also used U.S. QUAD. MAP ( Prelim. )

**RALPH B. PLATT**

REGISTERED ENGINEER AND LAND SURVEYOR

**WARNER VALLEY  
EXPLORATION**

DATE: AUG. 5, 1974

SCALE: 1 in. to 1000 ft.

SALT LAKE CITY, UTAH

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**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.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Warner Valley Oil Operations, Inc.</p> <p>3. ADDRESS OF OPERATOR 243 Center Salt Lake City, Utah 84103</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 530' from East line and 520' from North line</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML 30916</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. Hunt #1 X</p> <p>10. FIELD AND POOL, OR WILDCAT Offset to #1</p> <p>11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA NE1/4 Sec. 7, T40S, R16E</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4325' ground</p>	<p>12. COUNTY OR PARISH    18. STATE Washington                  Utah</p>

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

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

(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.) \*

Well drilled to a depth of 720' at which point contractor could not cope with heavy water apparently in more than one zone. Present indications are that water is coming from zones somewhat different than #1 well.

Operations temporarily suspended waiting for contractor to move another rig onto location.

Company would like to complete this well to see what hole encounters in the primary target which is the Navajo sandstone prior to moving onto the #2 location and drilling deeper or plugging well.

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:

# DIFFERENCES

## COTTAM WATER

## VEYO WELL 1-X

TURBIDITY	20 JTC	80%	25 JTC	+20%
CONDUCTIVITY	675.0 UMHO/CM		676 UMHO/CM	-3%
PH	7.47		7.28	-2.6%
<b>TOTAL DISSOLVED SOLIDS</b>				
@ 180°C	452.0 mg/l		439.8 mg/l	-2.7%
ALKALINITY @ S CaCO <sub>3</sub>	178 mg/l		164.0 mg/l	-8%
CALCIUM AS Ca	59.20 mg/l		57.60 mg/l	-2.8%
COPPER AS Cu	0.02 mg/l		0.05 mg/l	+60%
TOTAL HARDNESS AS CaCO <sub>3</sub>	258.0 mg/l		252.0 mg/l	-2.4%
IRON (TOTAL) AS FE	.19 mg/l		.18 mg/l	-5.3%
IRON (FILTERED) AS FE	.08 mg/l		.10 mg/l	+20%
MAGNESIUM AS Mg	26.40 mg/l		25.92 mg/l	-2%
NITRATE AS NO <sub>3</sub> -N	0.72 mg/l		0.05 mg/l	-30.6%
PHOSPHATE AS PO <sub>4</sub>	.12 mg/l		0.02 mg/l	-83.4%
POTASSIUM AS K	4.40 mg/l		4.07 mg/l	-7.5%
SILICA AS SiO <sub>2</sub>	15.80 mg/l		12.50 mg/l	-21%
SULFATE AS SO <sub>4</sub>	95.50 mg/l		102.0 mg/l	+6.9%
SODIUM AS Na	25.30 mg/l		24.30 mg/l	-4%
BICARBONATE AS HCO <sub>3</sub>	215.73 mg/l		198.70 mg/l	-8%

17 items different

15 " same

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.  
ML 30916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
Hunt 1x

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NE1/4NE1/4 Sec.7,T40S  
R16W

12. COUNTY OR PARISH  
Washington

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
Warner Valley Oil Operations, Inc.

3. ADDRESS OF OPERATOR  
3333 So.Ninth East, Salt Lake City, Utah 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 530 ft from East line and 520 ft from north line  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED Feb. 20, 1975  
16. DATE T.D. REACHED Apr. 18, 1975  
17. DATE COMPL. (Ready to prod.)  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4475 ft  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 720 ft  
21. PLUG, BACK T.D., MD & TVD n0  
22. IF MULTIPLE COMPL., HOW MANY\* no  
23. INTERVALS DRILLED BY Rotary w/air  
ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* no  
25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN No electric logs run  
27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 in	26 lb	106 ft	10 3/4 in	50 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED Alison L. Jacobs TITLE REPORTING AGENT DATE May 9th 1975

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS							
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%; padding: 5px;">NAME</th> <th style="width: 20%; padding: 5px;">MEAS. DEPTH</th> <th style="width: 40%; padding: 5px;">TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"></td> <td></td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH			
NAME	MEAS. DEPTH	TRUE VERT. DEPTH							

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

*ZFH*

**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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML 30916
2. NAME OF OPERATOR Warner Valley Oil Operations, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 3333 South 9th East Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 520' from North line and 560' from East line ( #1X ) 520' from North line and 530' from East line ( #1 )		8. FARM OR LEASE NAME Warner Valley Oil
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4475 ft ground	9. WELL NO. Hunt # 1X, # 1
		10. FIELD AND POOL, OR WILDCAT Offset to #1
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 Sec. 7, T40S, R16W
		12. COUNTY OR PARISH Washington
		18. 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"/>	

(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.) \*

In an attempt to passify Mel Cottam, property owner bordering state land exactly to the north, a small cable tool rig was set over hole and a TEMPORARY plug of wood with 6 ft of cement on top of wood, was set at 350'. An iron cover cap was welded to the top of the surface casing hinged in such a manner that a paddlock can be used to prevent someone from dropping anything into the well. **DRIVEN**

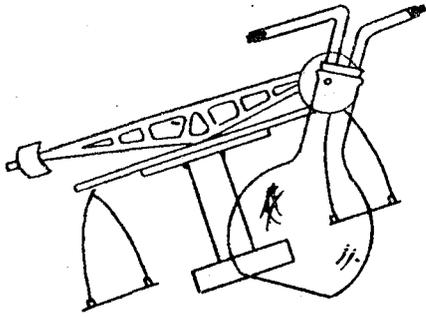
The purpose of this maneuver is to see if the flow of Cottam's spring will be restored to normal.

NOTE: No further activity on the #1 well since last report dated 16 April 1975.

18. I hereby certify that the foregoing is true and correct  
SIGNED John E. Jacobs TITLE Secretary DATE 16 May 1975

(This space for Federal or State office use)

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



# Ford Chemical

## LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115  
PHONE 485-5761

Date: May 28, 1975

Name Warner Valley Oil Operations, Inc.

Address 3333 South 900 East, #100

Salt Lake City, UT 84106

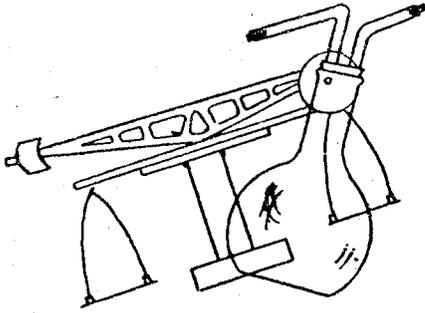
CERTIFICATE OF ANALYSIS

75-2027

Sample Water labeled "Veyo Drill Hole IX, 1200 hours, 145 feet, 5-12-75"  
received on May 15, 1975.

Turbidity	<u>0.25</u> JTU	Fluoride as F	<u>0.45</u> mg/l
Conductivity	<u>676.0</u> umhos/cm	Total Hardness as CaCO <sub>3</sub>	<u>252.0</u> mg/l
pH	<u>7.28</u>	Iron (Total) as Fe	<u>0.18</u> mg/l
Total Dissolved Solids at 180° C.	<u>439.8</u> mg/l	Iron (Filtered) as Fe	<u>0.10</u> mg/l
Alkalinity as CaCO <sub>3</sub>	<u>164.0</u> mg/l	Lead as Pb	<u>&lt;0.01</u> mg/l
Aluminum as Al	<u>0.08</u> mg/l	Magnesium as Mg	<u>25.92</u> mg/l
Arsenic as As	<u>&lt;0.01</u> mg/l	Manganese as Mn	<u>&lt;0.01</u> mg/l
Bicarbonate as HCO <sub>3</sub>	<u>198.70</u> mg/l	Mercury as Hg	<u>&lt;0.001</u> mg/l
Barium as Ba	<u>&lt;0.01</u> mg/l	Nitrate as NO <sub>3</sub> -N	<u>0.05</u> mg/l
Boron as B	<u>&lt;0.01</u> mg/l	Phosphate as PO <sub>4</sub>	<u>0.02</u> mg/l
Cadmium as Cd	<u>&lt;0.001</u> mg/l	Potassium as K	<u>4.07</u> mg/l
Calcium as Ca	<u>57.60</u> mg/l	Selenium as Se	<u>&lt;0.01</u> mg/l
Carbonate as CO <sub>3</sub>	<u>&lt;0.01</u> mg/l	Silica as SiO <sub>2</sub>	<u>12.50</u> mg/l
Chloride as Cl	<u>28.0</u> mg/l	Silver as Ag	<u>&lt;0.001</u> mg/l
Chromium as Cr (Hex)	<u>&lt;0.01</u> mg/l	Sulfate as SO <sub>4</sub>	<u>102.0</u> mg/l
Cyanide as Cn	<u>&lt;0.01</u> mg/l	Sodium as Na	<u>24.30</u> mg/l
Copper as Cu	<u>0.05</u> mg/l	Zinc as Zn	<u>0.04</u> mg/l

  
Ford Chemical Laboratory, Inc.



# Ford Chemical

## LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115  
PHONE 485-5761

Date: May 28, 1975

Name Warner Valley Oil Operations, Inc.

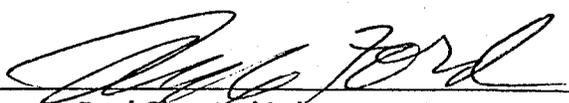
### CERTIFICATE OF ANALYSIS

Address 3333 South 900 East #100  
Salt Lake City, UT 84106

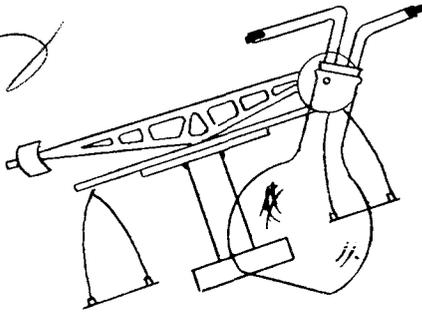
75-2028

Sample Water labeled "MB Cottam, Veyo Pool, 5-11-75, 8:30 p.m." received  
on May 15, 1975.

Turbidity	<u>0.20</u> JTU	Fluoride as F	<u>0.45</u> mg/l
Conductivity	<u>695.0</u> umhos/cm	Total Hardness as CaCO <sub>3</sub>	<u>258.0</u> mg/l
pH	<u>7.47</u>	Iron (Total) as Fe	<u>0.19</u> mg/l
Total Dissolved Solids at 180° C.	<u>452.0</u> mg/l	Iron (Filtered) as Fe	<u>0.08</u> mg/l
Alkalinity as CaCO <sub>3</sub>	<u>178.0</u> mg/l	Lead as Pb	<u>&lt; 0.01</u> mg/l
Aluminum as Al	<u>&lt; 0.01</u> mg/l	Magnesium as Mg	<u>26.40</u> mg/l
Arsenic as As	<u>&lt; 0.01</u> mg/l	Manganese as Mn	<u>&lt; 0.01</u> mg/l
Bicarbonate as HCO <sub>3</sub>	<u>215.73</u> mg/l	Mercury as Hg	<u>&lt; 0.001</u> mg/l
Barium as Ba	<u>&lt; 0.01</u> mg/l	Nitrate as NO <sub>3</sub> - N	<u>0.72</u> mg/l
Boron as B	<u>&lt; 0.01</u> mg/l	Phosphate as PO <sub>4</sub>	<u>0.12</u> mg/l
Cadmium as Cd	<u>&lt; 0.001</u> mg/l	Potassium as K	<u>4.40</u> mg/l
Calcium as Ca	<u>59.20</u> mg/l	Selenium as Se	<u>&lt; 0.01</u> mg/l
Carbonate as CO <sub>3</sub>	<u>&lt; 0.01</u> mg/l	Silica as SiO <sub>2</sub>	<u>15.80</u> mg/l
Chloride as Cl	<u>28.0</u> mg/l	Silver as Ag	<u>&lt; 0.001</u> mg/l
Chromium as Cr (Hex)	<u>&lt; 0.01</u> mg/l	Sulfate as SO <sub>4</sub>	<u>95.50</u> mg/l
Cyanide as Cn	<u>&lt; 0.01</u> mg/l	Sodium as Na	<u>25.30</u> mg/l
Copper as Cu	<u>0.02</u> mg/l	Zinc as Zn	<u>0.04</u> mg/l

  
Ford Chemical Laboratory, Inc.

PJ



# Ford Chemical LABORATORY, INC.

*Bacteriological and Chemical Analysis*

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115  
PHONE 485-5761

May 30, 1975

*File 14*

## CERTIFICATE OF ANALYSIS

75-

Warner Valley Oil, Inc.  
~~3333 South 900 East #100~~ *243 Center*  
Salt Lake City, UT ~~84106~~ *84103*

Gentlemen:

In reference to laboratory analysis of water samples received on May 15, 1975 and reported out under Certificate of Analysis No. 75-2027 and 75-2028. I note that these water samples are the same general type of water, but there are many test parameters that are different concentrations which could indicate different water sources.

Sincerely,

FORD CHEMICAL LABORATORY, INC.

*Lyle S. Ford*  
Lyle S. Ford

LSF:lh



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116

July 2, 1976

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

Re: Well no. State Hunt 1-X  
Sec. & T. 40S, R. 16W  
Washington County, Utah  
June, 1975 - May, 1976

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

May 9, 1977

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

Re: Well No's:  
Hunt State #1-X,  
Sec. 7, T. 40 S, R. 16 W,  
Hunt State #1,  
Sec. 7, T. 40 S, R. 16 W,  
Hunt State #2,  
Sec. 8, T. 40 S, R. 16 W,  
Washington County, Utah

Gentlemen:

Upon reviewing the above files, it is noted that the above wells have remained "temporarily suspended" or "temporarily abandoned" since 1975.

In view of the time elapsed, it is recommended that said wells be properly plugged and abandoned in accordance with a plugging program to be outlined by this office.

Please contact Mr. Patrick L. Driscoll, Chief Petroleum Engineer, immediately relative to the plugging of same.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: Division of State Lands

July 27, 1977

MEMO TO FILE

Re: Warner Valley Operations  
Hunt State #1-X  
Sec. 7, T. 40 S, R. 16 W,  
Hunt State #1  
Sec. 7, T. 40 S, R. 16 W,  
Hunt State #2  
Sec. 8, T. 40 S, R. 16 W,  
Washington County, Utah

As per a telephone conversation this date with Division Petroleum Engineer, Patrick L. Driscoll, the following plugging programs were given Mr. Don Downey pertaining to the above wells:

State #1:

Set plug at 250'  
20 sack plug in and out of casing  
10 sack plug on top

State #1-X:

20 sack plug in bottom of surface casing  
10 sack plug on top

State #2:

Set plug at 250'  
20 sack plug on top  
Fill surface casing top to bottom with cement

\*All plugs to be 3 to 4 feet in length (wood), and 6.8" in diameter\*

Dry hole markers waived for all wells

Mr. Downey indicated said wells would be plugged Friday, July 29, and Mr. Cleon B. Feight, Division Director, indicated he would be present to witness plugging operations.

SCHEREE WILCOX  
Administrative Assistant

CIRCULATE TO:

DIRECTOR  
PETROLEUM ENGINEER  
ENGINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

RETURN TO Katlyne  
FOR FILING

August 3, 1977

Memo To File:

Re: Warner Valley Oil Operations  
Well No. State #1 & 1-X  
Sec. 7, T. 40 S., R. 16 W.  
Washington County, Utah

Warner Valley Oil Operations  
Well No. State #2  
Sec. 8, T. 40 S., R. 16 W.  
Washington County, Utah

Arrangements were made with Mr. Don Downey, President, Warner Valley Oil Operations to witness the plugging of the above mentioned wells at 8:00 a.m. on Friday, July 29, 1977. The small rotary rig contracted for the job did not arrive in the town of Veyo until 11:30a.m. It was then discovered that said rig needed several mechanical parts replaced and would not be operative for several hours. In discussing this matter with the owner, it was learned that the rig would only be available for two days. Because of the possibility that the plugging of the well might take longer than the time available, the plugging program was postponed until the later part of September.

CLEON B. FEIGHT  
DIRECTOR

CBF/ksw

November 28, 1978

MEMO TO FILE

(WARNER VALLEY)  
Re: SEAGULL INTERNATIONAL  
Well No. Hunt State #1, #1-X, #2  
Sec. 7&8, R. 40S, R. 16W  
Washington Coutny, UT

Personal inspection was made and verification of plugging of Warner Valley Operations, wells: Hunt State Well #1, #1-X, #2. Well #1-X had been plugged with a wooden plug at a depth of 350'. Subsequent plugging intailed placing cement from 350' to surface. State well #1 had been stopped when fish was lodged in hole at a depth of 175' and could not be retrieved. The rig then moved, and well #1-X was commenced, drilling to a total depth of 720'. #1-X ceased drilling due to excessive water and had plugged as previously described. State well #1 was plugged by comenting from top of fish to surface.

State well #2 had sloughed into a depth of 47' and remained solid when tested by attempting to drive through soil with a cable rig. It was then plugged with concrete from 47' to surface.

Surface markers were defrayed on all wells since land was grazed and maybe used for agricultural purposes. Due to problems encountered in plugging, a total elapse time of 2 days were required to complete the three wells.

MIKE MINDER  
RECLAMATION ENGINEER

MM/lw  
cc: U.S. Geological Survey



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

040714

March 30, 1987

MEMO TO FILE:

API #43-053-30017 has been issued to two wells. This number will be left with:

Zion Crude Oil Company  
Zion #1 <sup>405</sup> ~~7~~ <sup>16W</sup>  
Sec. ~~12~~, T. ~~415~~, R. ~~12W~~  
Washington County, Utah

API #43-053-20542 will be issued to:

Warner Valley Oil Operations  
State Hunt 1-X <sup>405</sup> <sup>16W</sup>  
Sec. 7, T. ~~415~~, R. ~~12W~~  
Washington County, Utah



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

CORRECTION

**042713**

April 22, 1987

MEMO TO FILE:

API #43-053-30017 has been issued to two wells. This number will be left with:

Zion Crude Oil Company  
Zion #1  
Sec. 13, T. 41S, R. 12W  
Washington County, Utah

API #43-053-20542 will be issued to:

Warner Valley Oil Operations  
State Hunt 1-X  
Sec. 7, T. 40S, R. 16W  
Washington County, Utah