

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet _____

Location Map Pinned ✓

Card Indexed _____

IWR for State or Fee Land _____

Checked by Chief JMB

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-14-67

OW _____ WW _____ TA _____

GW _____ OS _____ PA ✓

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log 9-14-67

Electric Logs (No.) 3

E _____ I Dual E-I ✓ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others Formation Density Log
Neutron Porosity Log

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **660' FWL and 518' FWL (NW NW)**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 30 miles southwest of Green River, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **518' FWL**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
OL 4,743' based on U.S.G.S. datum

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	28#	60'	30 BAX
9-7/8"	7-5/8"	26.40#	2,640'	850 BAX
6-3/4"	4-1/2"	11.6#	5,200'	530 BAX

5. LEASE DESIGNATION AND SERIAL NO.
U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Temple Wash Gov't.

9. WELL NO.
998-A-1

10. FIELD AND POOL, OR WILDCAT
New Field Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T-25S, R-13E

12. COUNTY OR PARISH **Emery** 13. STATE **Utah**

Propose to drill a 5,200' test to the top of the Cambrian.

Propose to drill 13-3/4" hole to 60', cement 10-3/4" casing to surface; drill 9-7/8" hole to 2,640' using mud, cement 7-5/8" casing to surface; drill 6-3/4" hole to 5,200' using air, coring 100' of the Redwall formation. Drill stem testing will be at the discretion of the well site geologist. Well will be logged and if productive, 4-1/2" casing will be set at TD.

Pressure operated double ram BOP's will be used.

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.

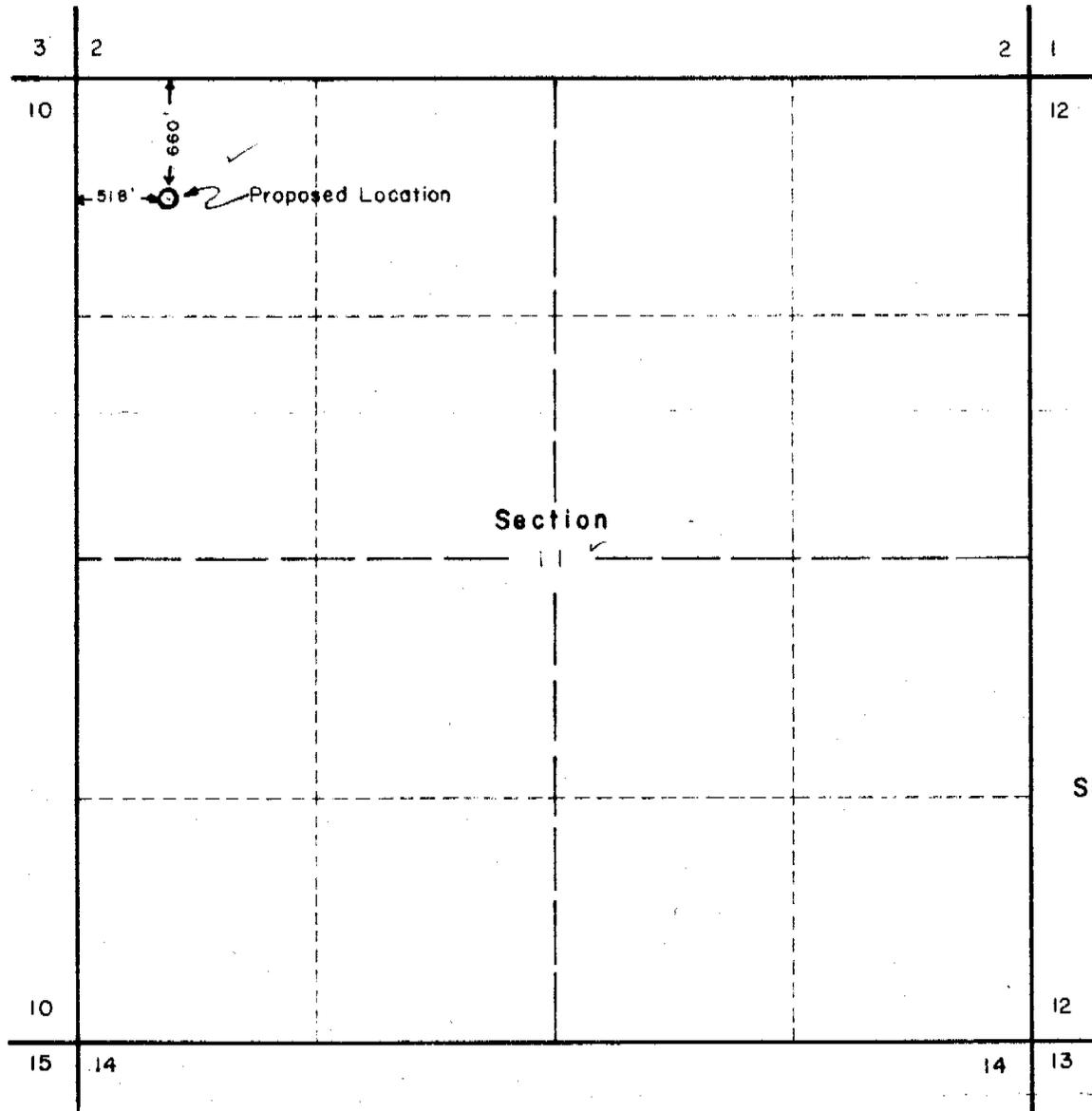
24. ORIGINAL SIGNED BY **W. J. Mansbridge** TITLE **Dist. Drilling Supt.** DATE **April 27, 1967**
 SIGNED **W. J. Mansbridge**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



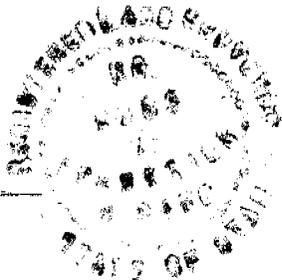
WELL LOCATION: Union Oil Company — Temple Wash Gov't. No. 998-A-1

Located **660'** feet **South** of the **North** line and **518** feet **East** of the **West** line of Section 11
 Township **25 South**, ✓ Range **13 East** ✓ Salt Lake Base & Meridian
Emery Co. Utah
 Existing ground elevation determined at **4743** feet based on **U.S.G.S. Datum**

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah No. 2689



UNION OIL COMPANY Denver, Colorado	
WELL LOCATION PLAT Sec. 11 - T25S, - R13E Emery Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE March 31, 1967 FILE NO. 67022

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **660' FNL and 518' FWL (NW NW)**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 30 miles southwest of Green River, Utah

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

16. NO. OF ACRES IN LEASE
1,920

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
5,200'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
OL 4,743' based on U.S.G.S. datum

22. APPROX. DATE WORK WILL START*
May 5, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	28#	60'	30 sack
9-7/8"	7-5/8"	26.40#	2,640'	850 sack
6-3/4"	4-1/2"	11.6#	5,200'	530 sack

Propose to drill a 5,200' test to the top of the Cambrian.

Propose to drill 13-3/4" hole to 60', cement 10-3/4" casing to surface; drill 9-7/8" hole to 2,640' using mud, cement 7-5/8" casing to surface; drill 6-3/4" hole to 5,200' using air, coring 100' of the Redwall formation. Drill stem testing will be at the discretion of the well site geologist. Well will be logged and if productive, 4-1/2" casing will be set at TD.

Pressure operated double ram BOP's will be used.

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. ORIGINAL SIGNED BY
 SIGNED W. J. Mansbridge TITLE Dist. Drilling Supt. DATE April 27, 1967
 SIGNED W. J. Mansbridge

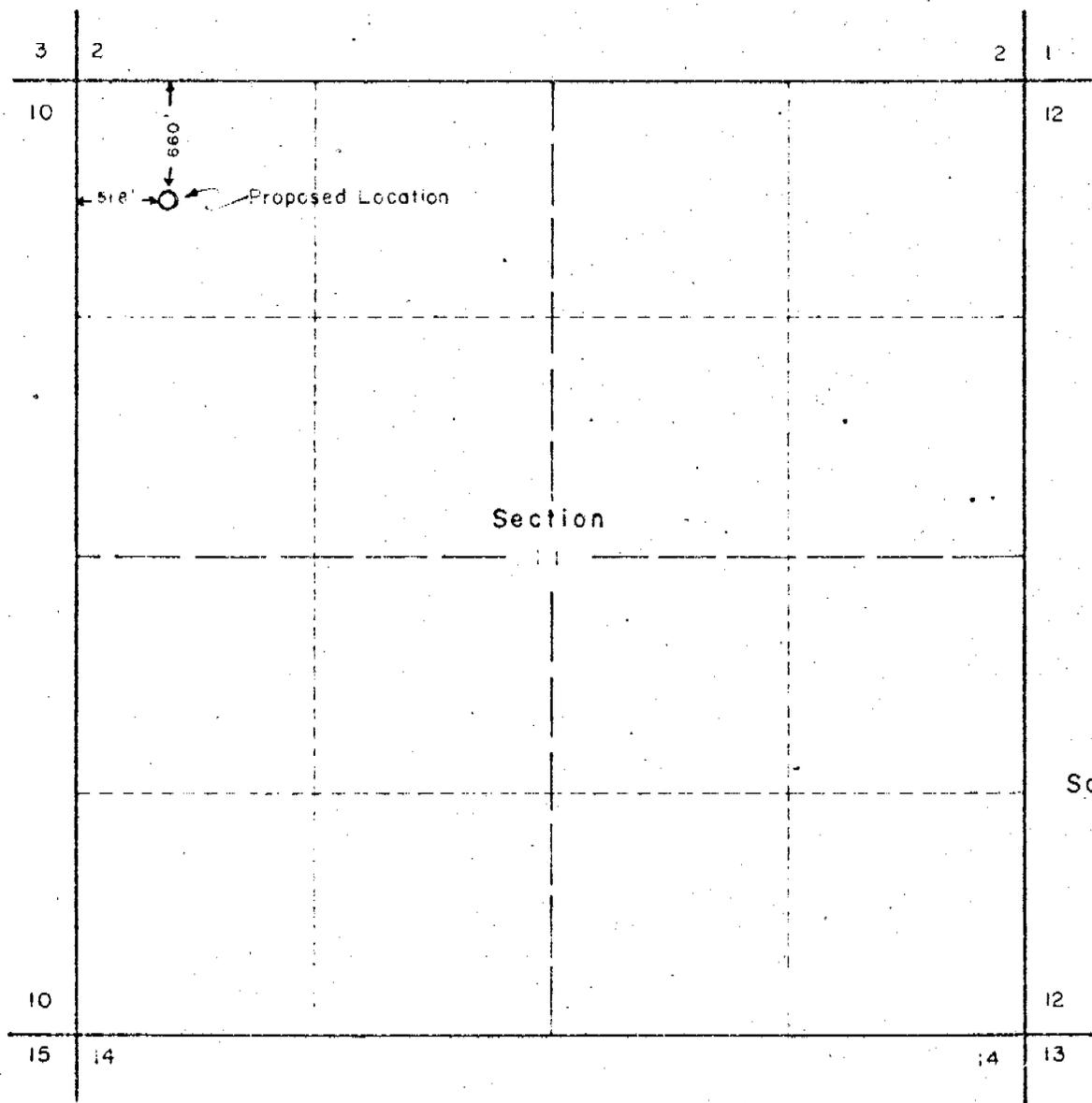
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



WELL LOCATION: Union Oil Company — Temple Wash Gov't No. 998-A-1

Located 660' feet South of the North line and 518 feet East of the West line of Section 11
 Township 25 South, Range 13 East Salt Lake Base & Meridian
 Emery Co. Utah
 Existing ground elevation determined at 4743 feet based on U.S.G.S. Datum

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Professional Surveyor
 State of Utah No. 2689



UNION OIL COMPANY
 Denver, Colorado

WELL LOCATION PLAT
 Sec. 11 - T25S, R13E
 Emery Co., Utah

CLARK - REED & ASSOC.
 Surveyors - Engineers

DATE: March 31, 1967
 FILE NO. 67022

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake
LEASE NUMBER U-074998-A
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 67,

Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601 Signed W. H. Clark

Phone 234-1563 Agent's title General Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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)
TEMPLE WASH GOV'T. 998-A-1										
LOC: 660' FNL & 518' FWL SEC. 11 T25S R13E (NW NW) GR 4743'; KB 4754'										
Spudded 8.30 A.M. 5-8-67. Drilled to 90'. Set 10-3/4" O.D. Casing @ 87' w/ 50 sx common plus calcium chloride. Plug down 1.00 A.M. 5-9-67. Drilled 90' - 2113' w/ air mist. Drilled 2113 - 2760' w/ airated water. Ran 89 jts 7-5/8" OD 26.4# casing set @ 2756' w/ 260 sx light wt. cement, 2% CaCl ₂ and 175 sx 50/50 Poz, no Gel, 10% salt, 2% CaCl ₂ . Plug down 4:45 PM 5-18-67. 5-20-67 drilled 2760 - 3797 w/ air. Drilled 3797 - 5175' w/ air mist. Logged 5-27-67. 5-30-67 ran 136 jts (4382.59') 4-1/2" 11.6# J-55 Casing set @ 4382' w/ 190 sx 50/50 Poz, 4% Gel, 10% salt, 1/4# per sx Cell Flk, 1/2% TIC. Released Drig. Rig @ 2 PM 5-30-67. Moving off Rotary. Preparing to MI Service Unit. Inc.										
Elephant Canyon 2774'										
Hermosa 3320'										
Redwall (Miss.) 3492'										
Ouray (Devonian) 4644'										
Elbert SS 4728'										
Lynch (Cambrian) 5014'										
Schlumberger TD 5173'										

NOTE.—There were No 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake
LEASE NUMBER U-074998-A
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Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601 Signed W. H. Clark

Phone 234-1563 Agent's title General 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, depth; if shut down, cause; date and result of test for gasoline content of gas)
TEMPLE WASH GOV'T. 998-A-1										
LOC: 660' FNL & 518' FWL SEC. 11 T25S R13E (NW NW) GR 4743'; KB 4754'										
					Spudded 8.30 A.M. 5-8-67. Drilled to 90'. Set 10-3/4" O.D. Casing @ 87' w/ 50 sx common plus calcium chloride. Plug down 1.00 A.M. 5-9-67. Drilled 90' - 2113' w/ air mist. Drilled 2113 - 2760' w/ airated water. Ran 89 jts 7-5/8" OD 26.4# casing set @ 2756' w/ 260 sx light wt. cement, 2% CaCl ₂ and 175 sx 50/50 Poz, no Gel, 10% salt, 2% CaCl ₂ . Plug down 4:45 PM 5-18-67. 5-20-67 drilled 2760 - 3797 w/ air. Drilled 3797 - 5175' w/ air mist. Logged 5-27-67. 5-30-67 ran 136 jts (4382.59') 4-1/2" 11.6# J-55 Casing set @ 4382' w/ 190 sx 50/50 Poz, 4% Gel, 10% salt, 1/4# per sx Cell Flk, 1/2% TIC. Released Drig. Rig @ 2 PM 5-30-67. Moving off Rotary. Preparing to MI Service Unit. Inc.					
					Elephant Canyon		2774'	Elbert SS		4728'
					Hermosa		3320'	Lynch(Combrian)		5014'
					Redwall (Miss.)		3492'	Schlumberger TD		5173'
					Ouray (Devonian)		4644'			

NOTE.—There were No 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.

May 1, 1967

Union Oil Company of California
P. O. Box 1611
Casper, Wyoming 82601

Re: Well No. Temple Wash Government
998-A-1, Sec. 11, T. 25 S., R.
13 E., Emery County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

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

PAUL W. BURCHELL, CHIEF PETROLEUM ENGINEER
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771- 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

May 1, 1967

The API number assigned to this well is 43-015-20224 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

**CLEON B. FREIGHT
EXECUTIVE DIRECTOR**

CMF:sc

cc:

U. S. Geological Survey
Rodney Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Drilling Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Temple Wash Gov't.	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601		9. WELL NO. 998-A-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL and 518' FWL (NW NW)		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		12. COUNTY OR PARISH Emery	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 4,743'; KB 4,754'		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) Supplemental Well History <input checked="" 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.)*

Spudded at 8:30 a.m. 5-8-67. Drilled 8-3/4" hole to 90'. Reamed to 12-1/4".
Set 10-3/4" used casing at 87' KB with 50 sax common plus 25 calcium chloride.
Good returns. Plug down at 1:00 a.m. 5-9-67.

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

ORIGINAL SIGNED BY W. J. Mansbridge TITLE Dist. Drilling Supt. DATE May 9, 1967

SIGNED W. J. Mansbridge
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

INDUSTRIAL COMMISSION OF UTAH

RIG SAFETY INSPECTION

Name of Company Union Oil Company of California Date May 23, 1967

Name of Drilling Contractor Willard Pease Drilling Co.

Well Name and Number 1-998 A-Temple Wash Gov't #1 Rig No. 2 Field Wildcat

Section 11 Township 25 S Range 13 E

County Emery Driller Frog Allred

Number Present 4 Toolpusher Chet Baker

Any lost-time accidents while on location None

Items causing lost-time accidents that have been corrected, or which need to be corrected.

None

Any new employees in crew one Have instructions been given the new crew members yes

	(Good) <u>yes</u>	(Poor) <u>no</u>
Escape Line and Slide-----	<u>X</u>	_____
Ladders, Side Rails, Steps-----	<u>X</u>	_____
Walk-Around Floor and Railing-----	<u>X</u>	_____
Engines Guarded-----	<u>X</u>	_____
Rotary Drive Guard-----	<u>X</u>	_____
Fire Control Available-----	<u>X</u>	_____
General Housekeeping-----	<u>X</u>	_____
Hard Hats-----	_____	<u>X</u> Needs replenishing
First Aid Kit-----	<u>X (1)</u>	_____
Blowout Preventer Installed-----	<u>X</u>	_____
Cellar clean, No debris-----	<u>X</u>	_____
Cathead-----	<u>X</u>	_____
Safety belts available-----	<u>X</u>	_____

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job. None visible

Drillers, Toolpushers or Drilling Superintendents reactions Very cooperative

Remarks (1) Pressure tested at 1100 psi prior to drilling out from 7 5/8" surface pipe at 2755' with 260 sacks HLW, and 175 sacks 50-50 percent Pos. They are presently drilling at 4148'. Pipe and blind ram tested - OK - Drilling with air.

NOTE: This is a 5200' Cambrian test. Driller stated that he was satisfied with rig and associated equipment - also, no complaints with regard to working conditions.

Deputy Inspector PAUL W. BURCHELL - UTAH OIL & GAS CONSERVATION COMMISSION

4160-420 - Miss.

D. 5175 ^{in hole} _{only}

4382 - 42

top of Cement (Bond log)

3370 - 0 3310

Decor 3200

3740-50 } also test

3650-90 } _{loss tight}

3505-17 } _{ship play account}

base of pipe or

stage set lost

iron bridge plays and

below perf and above

peru - set center over

Cement plug from hole to
7 1/8 base

42574. arrived home
#211 (left by phone)
460 miles rounded

Union Oil Co.
Temple Wash

From Febbs - May 27, 1967 -
Zemple Wash - Unit # 012-1

U. S. Oil Co. of Calif.
998-A-1
well T255 R13E
Emery, County

50
T.D. 5050 + 100' feet more (5175 approx)

Old logs -

- Jorajo - 85
- Hayata - 563
- Wingate - 784
- Chonli - 1107
- Ahanamp - 1400
- Wrenhopei - 1444
- Finbud - 1821
- Lower Wrenhopei - 1858
- Cocconi - 1971
- Oregon Wells - 2670

3978 - 1st sh of Ester 9m
4970 - sulphur entry
in Denenevi,
↳ stand at 4400'

sample logs -
7 5/8 @ 2755 in hole of Oregon Park. - str of gas to T.P.

almost to surface

- Merris Pedeval - 3525
- Oway - 4630
- Elbert - 4780
- Combreri - 5000

approx

- (1) 5000 - 4900 - 100' plug
- (2) 3450 - 3550 - 100' plug
- (3) ~~2700 - 2850~~ 2700 - 2800 - 100' plug
- (4) screen maker - leave open for possible water use
- (5) Mud between Combreri cement plug / casing left dry.

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

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-074998-A

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Drilling Well</p> <p>2. NAME OF OPERATOR Union Oil Company of California</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL and 518' FWL (NW NW)</p> <p>14. PERMIT NO.</p>	<p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Temple Wash Gov't.</p> <p>9. WELL NO. 998-A-1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR ABMA Sec. 11, T-258, R-13E</p> <p>12. COUNTY OR PARISH Emery</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 4,743'; KB 4,754'</p>	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Supplemental Well History	<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.)*

Drilled 90' to 2,139' with air mist - from 2,139' to 2,760' with aerated water.

Ran 89 jts. 7-5/8" 26.4# used casing. Cemented at 2,756' with 260 sax light weight cement, 2% calcium chloride and 17% sax 50-50 Poz, no gel, 10% salt, 2% calcium chloride, preceded by 30 bbls. gelled mud and lost circulation material. Plug down at 4:45 p.m. 5-18-67.

Drilled to 5,175' TD with air and air mist. Ran Schlumberger electric logs.

Set 136 jts. 4-1/2" 11.6# J-55 R-2 ST&C new casing at 4,382' KB. Cemented with 190 sax 50-50 Poz, 4% gel, 10% salt, 1/4# cell flake per sack, 1/2% TIC. Cement preceded by 100 bbls. mud with lost circulation material. Good returns. Displaced with water. Bumped plug with 1200 psi. Set float and slips. Released rig at 2:00 p.m. 5-30-67.

Moving off rotary tools. Will move in completion rig.

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

SIGNED W. J. Mansbridge TITLE Dist. Drilling Supt. DATE 6-1-67
W. J. Mansbridge

(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

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Drilling Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Temple Wash Gov't.	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601		9. WELL NO. 998-A-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL and 518' FWL (NW NW)		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 4,743'; KB 4,754'	
		12. COUNTY OR PARISH Emery	13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Supplemental Well History	<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.)*

Drilled 90' to 2,139' with air mist - from 2,139' to 2,760' with aerated water.

Ran 89 jts. 7-5/8" 26.4# used casing. Cemented at 2,756' with 260 sax light weight cement, 2% calcium chloride and 175 sax 50-50 Poz, no gel, 10% salt, 2% calcium chloride, preceded by 30 bbls. gelled mud and lost circulation material. Plug down at 4:45 p.m. 5-18-67.

Drilled to 5,175' TD with air and air mist. Ran Schlumberger electric logs.

Set 136 jts. 4-1/2" 11.6# J-55 R-2 ST&C new casing at 4,382' KB. Cemented with 190 sax 50-50 Poz, 4% gel, 10% salt, 1/4# cell flakes per sack, 1/2% TIC. Cement preceded by 100 bbls. mud with lost circulation material. Good returns. Displaced with water. Dumped plug with 1200 psi. Set float and slips. Released rig at 2:00 p.m. 5-30-67.

Moving off rotary tools. Will move in completion rig.

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

SIGNED W. J. Mansbridge TITLE Dist. Drilling Supt. DATE 6-1-67
W. J. Mansbridge

(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
LEASE NUMBER U-074998-A
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1967,

Agent's address P. O. Box 1611 Company UNION OIL COMPANY OF CALIFORNIA

Casper, Wyoming 82601

Signed _____

Phone 234-1563

Agent's title General Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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)
NW NW	Sec. 11	25S	13E							
	Temple Wash	Gov't.	998-A-1							
										Moved off rotary rig and moved in completion rig. Ran Bond Log and G/R Collar Locator Log. Excellent bonding from PBD 4,346' - 3,370', zero bond 3,310'. Ran 2-3/8" tubing to 3,968'. Swabbed hole dry. Pulled tubing. Perforated 4,160' - 80' with McCullough casing jet gun, 4 per foot. Set packer at 4,108', tail pipe at 4,175'. Treated perms with 2000 gals. 15% HCL with W-35 additive. Maximum pressure 1750 psi; final 1400 psi. Swab tested small amount of sulphur gas, non-flammable and water. Set bridge plug at 3,910'. Ran tubing with packer, tubing at 3,885', packer at 3,704'. Swabbed down. Picked up tubing to 3,742', packer at 3,674'. Perforated with 4 MAC jets per foot 3,740' - 50'. No blow after perforating. No show on swab line. Acidized perms 3,740' - 50' with 1000 gals. 15% acid. Max. pressure 2000 psi, min. 1500 psi. Swab tested. No oil or gas. Pulled tubing and packer. Set CI bridge plug at 3,833', 5' cement on top. Ran tubing and packer. Set packer at 3,599'. Swabbed down and perforated 3,672' - 90' with 4 shots per foot. Set packer at 3,631'. Acidized perms 3,672' - 90' with 3000 gals. 15% Intensified acid. Max. pressure 3000 psi. Swab tested acid water and black sulphur water. No oil. Pulled tubing and packer. Set CI bridge plug at 3,600' with 11' cement on top. Swabbed down and perforated 3,495' - 3,520' with 4 MAC jets per foot. No blow. Ran tubing and packer. Set packer at 3,449'. Swab tested. Recovered cement. Bridge plug not holding. Set new CI bridge plug at 3,591' with 11' cement on top. PBD 3,580'. Ran tubing and packer. Set packer at 3,450'. Swab tested. No fluid entry. Acidized perms 3,495' - 3,520' with 3000 gals. 15% Intensified acid. Max. pressure 2200 psi. Swab tested sulphur water, no oil. Pulled tubing and packer. Ran tubing open ended and set 15 sack cement plug 3,445' - 3,345'. McCullough cut off 4-1/2" casing at 3,306' KB. Pulled 14 jts. Set 45 sack cement plug 2,850' - 2,700'. Pulled 15 jts. 4-1/2" casing. Circulated fresh water at 2,400'. Pulled total of 102 jts. 4-1/2" casing. Erected marker. Released rig at 3:00 p.m. 6-14-67. Well P & A - FINAL

NOTE.—There were No 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
Salt Lake
LEASE NUMBER U-074998-A
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1967.

Agent's address P. O. Box 1611 Company UNION OIL COMPANY OF CALIFORNIA

Casper, Wyoming 82601

Signed J. B. Streng

Phone 234-1563

Agent's title General 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, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW Sec. 11 25S 13E Temple Wash Gov't.			998-A-1							Moved off rotary rig and moved in completion rig. Ran Bond Log and G/R Collar Locator Log. Excellent bonding from PBTD 4,346' - 3,370', zero bond 3,310'. Ran 2-3/8" tubing to 3,968'. Swabbed hole dry. Pulled tubing. Perforated with jet gun, 4 per foot. Set packer at 4,108', tail pipe at 4,175'. Treated perfs with 2000 gals. 15% HCL with W-35 additive. Maximum pressure 1750 psi; final 1400 psi. Swab tested small amount of sulphur gas, non-flammable and water. Set bridge plug at 3,910'. Ran tubing with packer, tubing at 3,885', packer at 3,704'. Swabbed down. Picked up tubing to 3,742', packer at 3,674'. Perforated with 4 MAC jets per foot 3,740' - 50'. No blow after perforating. No show on swab line. Acidized perfs 3,740' - 50' with 1000 gals. 15% acid. Max. pressure 2000 psi, min. 1500 psi. Swab tested. No oil or gas. Pulled tubing and packer. Set CI bridge plug at 3,833', 5' cement on top. Ran tubing and packer. Set packer at 3,599'. Swabbed down and perforated 3,672' - 90' with 4 shots per foot. Set packer at 3,631'. Acidized perfs 3,672' - 90' with 3000 gals. 15% Intensified acid. Max. pressure 3000 psi. Swab tested acid water and black sulphur water. No oil. Pulled tubing and packer. Set CI bridge plug at 3,600' with 11' cement on top. Swabbed down and perforated 3,495' - 3,520' with 4 MAC jets per foot. No blow. Ran tubing and packer. Set packer at 3,449'. Swab tested. Recovered cement. Bridge plug not holding. Set new CI bridge plug at 3,591' with 11' cement on top. PBTD 3,580'. Ran tubing and packer. Set packer at 3,450'. Swab tested. No fluid entry. Acidized perfs 3,495' - 3,520' with 3000 gals. 15% Intensified acid. Max. pressure 2200 psi. Swab tested sulphur water, no oil. Pulled tubing and packer. Ran tubing open ended and set 15 sack cement plug 3,545' - 3,345'. McCullough cut off 4-1/2" casing at 3,306' KB. Pulled 14 jts. Set 45 sack cement plug 2,850' - 2,700'. Pulled 15 jts. 4-1/2" casing. Circulated fresh water at 2,400'. Pulled total of 102 jts. 4-1/2" casing. Erected marker. Released rig at 3:00 p.m. 6-14-67. Well P & A - FINAL

NOTE.—There were No 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.

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Government 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah

(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
				NOTE MAKE OF INSTRUMENT		
	5/8					LOCATION: 660' FNL & 518' FWL (NW NW) Sec. 11, T25S, R13E Emery County, Utah. ELEVATION: 4743' GR 4754' KB Moved in & rigged up. Ready to dig rat hole and spud today.
	5/9					Spudded 8:30 AM 5-8-67. Drld 0' to 90' w/8-3/4" bit. Reached to 12-1/4". Ran & cemented 10-3/4" used csg at 87'.KB w/50 sx common plus calcium chloride. Good returns. Plug down at 1:00 AM 5-9-67. WOC.
	5/10					WOC. Nippled up, Tested BOP's. OK. Drld cmt plug. Dried up hole. Drld 90-610' w/air and air mist. Presently injecting 1000 CFM and 10 BWPH. Hole dusted to 180', damp 180-220', misting from 220-610'. Dev: 1 deg @ 300' at 600'.
	5/11					Drld 610-1180' w/air mist, 1100 CFM and 10 BWPH. Hole producing 125 BWPH. Dev; 1-1/4 deg @ 900'.
	5/12					Csg. 10-3/4" C 90' TD 1610' Drld 1180-1610' w/air mist, 1770 CFM and 8 BWPH. Estimate 150 BWPH production. Cost to date: \$18,500.
	5/13					Drld 1610-1975' w/air mist, 1600 CFM and 10 BWPH. Production 200 BWPH.
	5/14					Drld 1975-2113' w/air mist, 1150 CFM and 10 BWPH. Estimate wtr production 400 BWPH.
	5/15					Drld 2113-2313' w/aerated wtr, injecting 100 CFM and 355 GPM fresh wtr. Drld 2113-39' w/mist. Too much wtr production to continue. Rigged up aerate wtr system. Now drlg ahead at 10-11' per hr.
	5/16					Drld 2313-2493' w/aerated wtr injecting 1000 CFM. Dev: 1-3/4 deg @ 2300'.
	5/17					Drld 2493-2673'. Drlg. ahead.
	5/18					Drld 2673-2753' w/aerated wtr, 1000 CFM, 245 GPM. Dev: 2 deg @ 2670'. Drld to 2711'. Rn Schlumberger logs to 2711'. Will drill to 2760' and run 7-5/8" casing.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah
(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	5/19					Csg. 10-3/4" C 90' 7-5/8" C 2756' TD 2760' Drld 2753-2760' Rn 89 jts, 7-5/8", 26.4# used csg. Cmtd at 2756' w/260 sx light weight cmt, 2% CaCl ₂ , and 175 sx 50-50 poz, no gel, 10% salt, 2% CaCl ₂ , preceded w/30 bbl gelled mud and LCM. Got some returns w/slight cmt contamination. Plug dn 4:45 P.M. 5-18-67. Float held OK. WOC. Prep to drill out this P.M. Cost to date: \$50,174
	5/20					Drld 2760-2885' w/air. Nippled up & tested BOP to 1150#. Drlg ahead.
	5/21					Drld 2885-2375' w/air. Tested at 2978' due to staining in samples. No pressure after 1 hr shut in. Dev: 1-1/4 deg @ 2980'.
	5/22					Drld 3275-3725' w/air.
	5/23					Drld 3725-4056' Quit dusting w/air and changed to mist drilling at 3797', injecting 1150 CFM and 8 BWPH. Dev: 3/4 deg at 3840'.
	5/24					Drld 4056-4370' w/air mist, 1150 CFM injecting 8 BWPH plus soap and poly -S.
	5/25					Drld 4370-4638' w/air mist, 1150 CFM and 9 BWPH. Dev: 1/4 deg @ 4325'. Rn test at 4442' after S.I. for 90 mins. Still not enough gas to burn. Well logging unit shows gas kick.
	5/26					Csg. 10-3/4" C 90' 7-5/8" C 2756' TD 4890' Drld 4638-4890' w/air mist, 1150 CFM and 3 BWPH. No additional shows. Cost to date: \$67,100
	5/27					Drld 4890-5008' w/air mist, 1150 CFM and 9 BWPH. Picked up small amt of wtr at 4970'. Dev: 1 1/2 deg @ 4950'.
	5/28					Drld 5008-5175' w/air mist. Rn Schlumberger logs, formation density, induction gamma and neutron porosity.

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)
 Emery County, Utah
 (COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	5/29					Finished logging. Laid down D.C. Rn in hole open ended w/D.P. to 5000'. Waiting on orders. Fluid level at 3040 Log tops: Elephant Canyon 2774', Hermosa 3320', Redwall (Mississippian) 3492', Ouray (Devonian) 4644', Elbert SS 4728', Lynch (Cambrian) 5014', Schlumberger TD 5173'.
	5/30					Waited on orders. Laid down D.C. and D.P. Waited on csg.
	5/31					Rn 136 jts (4382.59') 4-1/2", 11.6#, J-55, 8 round ST&C range 2 new csg. Cmtd at 4382' KB preceded by 100 bbls mu w/LCM. Got circulation. Cmtd w/190 sx 50-50 poz, 4% gel, 10% salt, 1/4# per sx cell flake, 1/2% TIC, using Dowell. Good returns throughout. Displaced w/wtr. Bumped plug w/1200 psi. Set float and slips. Release Pease Drlg. Co. rig at 2 P.M. 5-30-67. Moving off rotary tools today.
	6/1					Moved off Pease Drlg. Co. rotary tools. Will move on and rig up Barker Well Service completion rig today.
	6/2					Csg. 10-3/4" C 90' 7-5/8" C 2756' 4-1/2" C 4382' TD 5175' Cost to date: \$89,520 Finished moving off rotary. Moved Barker Well Service Completion rig on. Rigged up. Prep to run tbg, swab well down and perforate 4160-80' and treat w/2000 gal acid.
	6/3					Rigged up completion rig. Rn bond log and G/R collar locator log. Good to excellent bonding from PBD 4346' up to 3370'. Zero bond 3310'.
	6/4					Rn 2-3/8" tbg to 3968'. Swabbed hole dry. Pulled tbg. Perfd w/McCullough csg jet gun 4/ft 4160-80'. No fluid entry. Fluid level standint @ 3700'. Began running Baker Model R-2 pkr.
	6/5					Set pkr @ 4108', tail pipe 4175'. Pressured annulus to 800 psi. Treated w/2000 gal 15% HCl w/W-35 additive. Max injection pressure 1750 at 1.5 BPM. Final injection pres 1400 at 3 BPM. 1000 psi instant. shut down, 750 in 5 min Began flowing back. Flowed 20 mins, rec'd 50 bbl, estima all acid wtr, fludh wtr and 10 bbl new wtr. Swabbed down rec'd 15 bbl sulphur wtr. Swab tested at 20 BPH w/fluid level 1500' over formation. Small amt of sulphur gas non flammable and wtr. Not even rainbow of oil in tank. Prep to run B.P. to approximately 3900' and test zone 3740-50'

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah

(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B.&M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	6/6					Rn B.P. and set at 3910', then rn tbg w/pkr. Landed tbg at 3885', pkr at 3704. Swabbed down. Picked up tbg to 3742', pkr at 3674'. Perforated w/4 mac jets/ft through tbg 3740-50'. No blow after perforating, no show on swab line. Fluid level before and after perforating 3700'. Prep to acidize with 1000 gals.
	6/7					Checked fluid level 3700', no influx in 14 hrs. Loaded hole w/wtr down tbg. No btm hole fluid returns in annulus. Acidized perfs 3740-50' w/1000 gal 15% HCl. Max pressure 2000 psi, min 1500 psi. Instant. shut down 1650 psi, 5 mins 1400 psi, 15 mins 1300 psi. S.I. 40 mins bled back 10 bbls then swabbed 7½ hrs. Recovered 32 bbl flush and acid wtr, 10 bbl acid wtr due. Shut in overnight. T.P. 10 psi this A.M. Blew down, gas inflammable. Checked fluid level at 1740' from surface. Picked up little dead oil on swab cups (not even rainbow on swab tank from yesterday recovery). Prep to swab down this A. and test.
	6/8					Swabbed down, rec'd 7.2 BW. Swabbed 8 hrs, rec'd 7.6 bbl for total of 14.8 bbls; 10 bbls acid wtr and 4.8 bbls new production. Wtr is black sulphur wtr w/iron sulfide. No rainbow of oil. Prep to run B.P. and perforate 3672-90'.
	6/9					Csg. 10-3/4" C 90' 7-5/8" C 2756' 4-1/2" C 4382' 2-3/8" P 3667' TD 5175' PBD 3728' Cost to date: \$101,000 Pulled 2" tbg w/Baker pkr. Rn cast iron B.P., set at 3833'. Dump bailed 5' cmt on top. Rn 2" tbg w/pkr to 3667', set pkr at 3599'. Swabbed down to 3620'. Perforated w/McCullough mac jets 4/ft. 3672-90'. No blow no apparent fluid entry. Shut in overnight. Prep to acidize w/3000 gals.
	6/10					75' fillup in 14 hrs, no oil. Set pkr at 3631', tbg to 369 Treated perfs 3672-90' w/3000 gals 15% intensified acid. Max. TP 3000 psi. Pmpd in at 2-3/4 BPM. Total volume acid and flush 87.5 bbl Opened well to tank. Swabbed and flowed 89 bbls in 3 hrs 15 mins. Heavy black sulphur wtr w/heavy black iron sulphide, no oil, no formation gas. Swab tested 1 hr, rec'd 4.2 bbls sulphur wtr.

UNION OIL COMPANY

CASING RECORD

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DRILLING REPORT

(FIELD)

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(PERIOD ENDING)

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NO. TOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	6/11			NOTE MAKE OF INSTRUMENT		Rn C.I.B.P. set at 3611'. Dumped 11' cmt PBD 3600'. Rn tbg to 3456' pkr to 3388'. Swabbed down to 3400'. Perf'd 3495-3420' w/4 mac jets/ft. No blow. Unseated pkr rn 2 jts tbg to 3517', pkr 3449'. Pressure to 400 psi annulus held OK. Began filling hole, filled to soon. Swabbed to 3500' had cmt and wtr. 3.4 bbls on 1 hr test. Lowered pkr 3440' and tbg to 3608'. Cmt gone set pkr could pump in at 2000 psi pressure would drop to 250 in 1 min, 0 in 1 1/2 mins. Csg pressure constant zero. Pulled tbg and pkr. Prep to rn new B.P. at 3605'.
	6/12					Set C.I.B.P. at 3591'. FL 965' from surf. Dumped 1 sx 11' cmt plug 3580' plug. Rn in hole w/2-3/8" tbg and R-2 pkr. Set pkr 2457' tbg 3518'. Swabbed to 3500'. No fluid entry. Tested 1 hr, no fluid entry. Treated perforations 3495-3500' w/300 gals 15% intensified acid. Max. pressure 2200, 2 1/2 BPM. Pressure dropped to 1100 psi. Total load 87 bbls (acid and flush). Shut in 45 mins. Flowed and swabbed back flush and acid wtr, 41.4 bbls of black sulphur wtr w/no oil in 4 hrs. Swabbed from 3500'. Shut in overnight. This A.M. fluid level 765' from surface. 2735' fill overnight. Swabbed 11.8 bbl w/no oil. Swabbed down to 3500'. Swabbed 3.2 bbls 1st 1/2 hr, 2.2 bbls 2nd 1/2 hr. Total rec'd 60 bbls (27 bbl acid wtr to recover).
	6/13					Swabbed all day (11 hrs). Swabbed 25 bbls sulphur wtr. No show of oil or gas. 2 bbls acid wtr due. Fillup overnight (13 hrs) from 3500-765' from surface. Swabbed this A.M. Recovered 9 bbls (7 bbls new wtr production) heavy black iron sulphide in sulphur wtr. No show of oil or gas. Prep to P & A. Will pull approximately 3300' of 4-1/2" csg.
	6/14					FL 665' from surface. Pulled swab from 3500', rec'd 9 bbls sulphur wtr (7 bbls new wtr production). No oil, no gas. POOH. Laid down pkr, rn tbg open ended and set 15 sx cmt plug 3545-3345'. POOH. Rn McCullough jet cutter. Shot off 4 1/2" csg at 3306' KB. Pulled 14 jts, set 45 sx cmt plug 2850-2700'. Displaced sulphur wtr w/fresh wtr. Pulled 15 jts 4 1/2" csg. Shut down overnight.

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah
(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	6/15					<p>Circulated 4½" csg w/fresh wtr at 2400'. Finished pulling 4½", 11.6#, J-55 csg. Total recovered 102 R-2 jts. Rigged down. Cleaned up location. Erected marker. Released Barker Well Service rig at 3 P.M. 6-14-67. Began moving rig to Big Indian Unit #3 for recompletion work. Well P & A. Cost to date: \$113,000. <u>FINAL REPORT.</u></p>

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Government 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah

(COUNTY)

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SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. OF HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
						LOCATION: 660' FNL & 518' FWL (NW NW) Sec. 11, T25S, R13E, Emery County, Utah. ELEVATION: 4743' GR 4754' KB
	5/8					Moved in & rigged up. Ready to dig rat hole and spud today
	5/9					Spudded 8:30 AM 5-8-67. Drld 0' to 90' w/8-3/4" bit. Reamed to 12-1/4". Ran & cemented 10-3/4" used csg at 87'.KB w/50 sx common plus calcium chloride. Good returns. Plug down at 1:00 AM 5-9-67. WOC.
	5/10					WOC. Nippled up, Tested BOP's. OK. Drld cmt plug. Dried up hole. Drld 90-610' w/air and air mist. Presently injecting 1000 CFM and 10 BWPH. Hole dusted to 180', damp 180-220', misting from 220-610'. Dev: 1 deg @ 300' at 600'.
	5/11					Drld 610-1180' w/air mist, 1100 CFM and 10 BWPH. Hole producing 125 BWPH. Dev; 1-1/4 deg @ 900'.
	5/12					Csg. 10-3/4" C 90' TD 1610' Drld 1180-1610' w/air mist, 1770 CFM and 8 BWPH. Estimate 150 BWPH production. Cost to date: \$18,500.
	5/13					Drld 1610-1975' w/air mist, 1600 CFM and 10 BWPH. Production 200 BWPH.
	5/14					Drld 1975-2113' w/air mist, 1150 CFM and 10 BWPH. Estimate wtr production 400 BWPH.
	5/15					Drld 2113-2313' w/aerated wtr, injecting 100 CFM and 355 GPM fresh wtr. Drld 2113-39' w/mist. Too much wtr production to continue. Rigged up aerate wtr system. Now drlg ahead at 10-11' per hr.
	5/16					Drld 2313-2493' w/aerated wtr injecting 1000 CFM. Dev: 1-3/4 deg @ 2300'.
	5/17					Drld 2493-2673'. Drlg. ahead.
	5/18					Drld 2673-2753' w/aerated wtr, 1000 CFM, 245 GPM. Dev: 2 deg @ 2670'. Drld to 2711'. Rn Schlumberger logs to 2711'. Will drill to 2760' and run 7-5/8" casing.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah

(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. OF HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	5/19					Csg. 10-3/4" C 90' 7-5/8" C 2756' TD 2760' Drld 2753-2760' Rn 89 jts, 7-5/8", 26.4# used csg. Cmtd at 2756' w/260 sx light weight cmt, 2% CaCl ₂ , and 175 sx 50-50 poz, no gel, 10% salt, 2% CaCl ₂ , preceded w/30 bbl gelled mud and LCM. Got some returns w/slight cmt contamination. Plug dn 4:45 P.M. 5-18-67. Float held OK. WOC. Prep to drill out this P.M. Cost to date: \$50,174
	5/20					Drld 2760-2885' w/air. Nipped up & tested BOP to 1150#. Drlg ahead.
	5/21					Drld 2885-2375' w/air. Tested at 2978' due to staining in samples. No pressure after 1 hr shut in. Dev: 1-1/4 deg @ 2980'.
	5/22					Drld 3275-3725' w/air.
	5/23					Drld 3725-4056' Quit dusting w/air and changed to mist drilling at 3797', injecting 1150 CFM and 8 BWPH. Dev: 3/4 deg at 3840'.
	5/24					Drld 4056-4370' w/air mist, 1150 CFM injecting 8 BWPH plus soap and poly -S.
	5/25					Drld 4370-4638' w/air mist, 1150 CFM and 9 BWPH. Dev: 1/4 deg @ 4325'. Rn test at 4442' after S.I. for 90 mins. Still not enough gas to burn. Well logging unit shows gas kick.
	5/26					Csg. 10-3/4" C 90' 7-5/8" C 2756' TD 4890' Drld 4638-4890' w/air mist, 1150 CFM and 9 BWPH. No additional shows. Cost to date: \$67,100
	5/27					Drld 4890-5008' w/air mist, 1150 CFM and 9 BWPH. Picked up small amt of wtr at 4970'. Dev: 1 1/2 deg @ 4950'.
	5/28					Drld 5008-5175' w/air mist. Rn Schlumberger logs, formation density, induction gamma and neutron porosity.

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah

(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. OF HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	5/29					Finished logging. Laid down D.C. Rn in hole open ended w/D.P. to 5000'. Waiting on orders. Fluid level at 3040' Log tops: Elephant Canyon 2774', Hermosa 3320', Redwall (Mississippian) 3492', Ouray (Devonian) 4644', Elbert SS 4728', Lynch (Cambrian) 5014', Schlumberger TD 5173'.
	5/30					Waited on orders. Laid down D.C. and D.P. Waited on csg.
	5/31					Rn 136 jts (4382.59') 4-1/2", 11.6#, J-55, 8 round ST&C range 2 new csg. Cmt'd at 4382' KB preceded by 100 bbls mu w/LCM. Got circulation. Cmt'd w/190 sx 50-50 poz, 4% gel, 10% salt, 1/4# per sx cell flake, 1/2% TIC, using Dowell. Good returns throughout. Displaced w/wtr. Bumped plug w/1200 psi. Set float and slips. Release Pease Drlg. Co. rig at 2 P.M. 5-30-67. Moving off rotary tools today.
	6/1					Moved off Pease Drlg. Co. rotary tools. Will move on and rig up Barker Well Service completion rig today.
	6/2					Csg. 10-3/4" C 90' 7-5/8" C 2756' 4-1/2" C 4382' TD 5175' Cost to date: \$89,520 Finished moving off rotary. Moved Barker Well Service Completion rig on. Rigged up. Prep to run tbg, swab well down and perforate 4160-80' and treat w/2000 gal acid.
	6/3					Rigged up completion rig. Rn bond log and G/R collar locator log. Good to excellent bonding from PBTD 4346' up to 3370'. Zero bond 3310'.
	6/4					Rn 2-3/8" tbg to 3968'. Swabbed hole dry. Pulled tbg. Perfd w/McCullough csg jet gun 4/ft 4160-80'. No fluid entry. Fluid level standint @ 3700'. Began running Baker Model R-2 pkr.
	6/5					Set pkr @ 4108', tail pipe 4175'. Pressured annulus to 800 psi. Treated w/2000 gal 15% HCl w/W-35 additive. Max injection pressure 1750 at 1.5 BPM. Final injection pres. 1400 at 3 BPM. 1000 psi instant. shut down, 750 in 5 min. Began flowing back. Flowed 20 mins, rec'd 50 bbl, estima all acid wtr, fludh wtr and 10 bbl new wtr. Swabbed down rec'd 15 bbl sulphur wtr. Swab tested at 20 BPH w/fluid level 1500' over formation. Small amt of sulphur gas non flammable and wtr. Not even rainbow of oil in tank. Prep to run B.P. to approximately 3900' and test zone 3740-50'

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah
(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B. & M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	6/6					Rn B.P. and set at 3910', then rn tbg w/pkr. Landed tbg at 3885', pkr at 3704. Swabbed down. Picked up tbg to 3742', pkr at 3674'. Perforated w/4 mac jets/ft through tbg 3740-50'. No blow after perforating, no show on swab line. Fluid level before and after perforating 3700'. Prep to acidize with 1000 gals.
	6/7					Checked fluid level 3700', no influx in 14 hrs. Loaded hole w/wtr down tbg. No btm hole fluid returns in annulus. Acidized perfs 3740-50' w/1000 gal 15% HCl. Max pressure 2000 psi, min 1500 psi. Instant. shut down 1650 psi, 5 mins 1400 psi, 15 mins 1300 psi. S.I. 40 mins bled back 10 bbls then swabbed 7½ hrs. Recovered 32 bbl flush and acid wtr, 10 bbl acid wtr due. Shut in overnight. T.P. 10 psi this A.M. Blew down, gas inflammable. Checked fluid level at 1740' from surface. Picked up little dead oil on swab cups (not even rainbow on swab tank from yesterday recovery). Prep to swab down this A. and test.
	6/8					Swabbed down, rec'd 7.2 BW. Swabbed 8 hrs, rec'd 7.6 bbl for total of 14.8 bbls, 10 bbls acid wtr and 4.8 bbls new production. Wtr is black sulphur wtr w/iron sulfide. No rainbow of oil. Prep to run B.P. and perforate 3672-90'.
	6/9					Csg. 10-3/4" C 90' 7-5/8" C 2756' 4-1/2" C 4382' 2-3/8" P 3667' TD 5175' PBD 3728' Cost to date: \$101,000 Pulled 2" tbg w/Baker pkr. Rn cast iron B.P., set at 3833'. Dump bailed 5' cnt on top. Rn 2" tbg w/pkr to 3667', set pkr at 3599'. Swabbed down to 3620'. Perforated McCullough mac jets 4/ft. 3672-90'. No blow no apparent fluid entry. Shut in overnight. Prep to acidize w/3000 gals.
	6/10					75' fillup in 14 hrs, no oil. Set pkr at 3631', tbg to 3690'. Treated perfs 3672-90' w/3000 gals 15% intensified acid. Max. TP 3000 psi. Pmpd in at 2-3/4 BPM. Total volume acid and flush 87.5 bbl. Opened well to tank. Swabbed and flowed 89 bbls in 3 hrs 15 mins. Heavy black sulphur wtr w/heavy black iron sulphide, no oil, no formation gas. Swab tested 1 hr, rec'd 4.2 bbls sulphur wtr.

CONTRACTOR: WILLARD PEASE DRLG. CO.

UNION OIL COMPANY

CASING RECORD

WELL NO. Temple Wash Gov't 998-A-1

DRILLING REPORT

(FIELD)

Emery County, Utah
(COUNTY)

(TOOLS)

SEC. 11 T. 25S R. 13E B.&M.

(PERIOD ENDING)

(NOTE INEFFECTIVE CASING)

NO. OF HOURS	DATE	DEPTHS		INCLINATION		DETAILS OF OPERATIONS, DESCRIPTIONS AND RESULTS
		FROM	TO	DEPTH	CORRECT ANGLE	
	6/15					<p>Circulated 4½" csg w/fresh wtr at 2400'. Finished pulling 4½", 11.6#, J-55 csg. Total recovered 102 R-2 jts. Rigged down. Cleaned up location. Erected marker. Released Barker Well Service rig at 3 P.M. 6-14-67. Began moving rig to Big Indian Unit #3 for recompletion work. Well P & A. Cost to date: \$113,000. <u>FINAL REPORT.</u></p>

August 3, 1967

Union Oil Company of California
P. O. Box 1611
Casper, Wyoming 82601

Re: Well No. Temple Wash Gov't #998-A-1,
Sec. 11, T. 25 S., R. 13 E.,
Emery County, Utah.

Gentlemen:

In checking our files it was noted that we have not as yet received a Subsequent Report of Abandonment on the above mentioned well.

It would be appreciated if, at your earliest convenience, you would forward to this office said report.

Thank you for your cooperation in this matter.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

SC:cam

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Temple Wash Gov't

9. WELL NO.
998-A-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec. 11, T25S, R13E

12. COUNTY OR PARISH 13. STATE

1. OIL WELL GAS WELL OTHER **Dry Hole**

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P.O. Box 1611, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FNL and 518' FNL (NW NW)

14. PERMIT NO. 15. ELEVATIONS (Show whether of, RT, GR, etc.)
GLL, 743' RB 4, 754'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

See Attachments.

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

SIGNED ORIGINAL SIGNED BY
W. J. Mansbridge

TITLE Dist. Drilling Supt.

DATE 8-4-67

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER **Dry Hole**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Union Oil Company of California

8. FARM OR LEASE NAME
Temple Wash Gov't

3. ADDRESS OF OPERATOR
P.O. Box 1611, Casper, Wyoming 82601

9. WELL NO.
998-A-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FWL and 518' FWL (NW NW)

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T25S, R13E

14. PERMIT NO. 15. ELEVATIONS (Show whether of, RT, GR, etc.)
044,743' RE 4,754'

12. COUNTY OR PARISH 13. STATE

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)

(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.)*

See Attachments.

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

ORIGINAL SIGNED BY
SIGNED **W. J. Mansbridge**

TITLE **Dist. Drilling Supt.**

DATE **8-4-67**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Temple Wash Gov't.

9. WELL NO.

998-A-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 11, T-258, R-13E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FWL & 518' FWL (N: NW)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5-8-67 16. DATE T.D. REACHED 5-27-67 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* OL 4,743'; KB 4,754'

20. TOTAL DEPTH, MD & TVD 5,175' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-5,175'

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

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger IGRS; FDC/GRS; Sidewall Neutron Porosity 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	42.50	87'	12-1/4"	50 SAK	-0-
7-5/8"	26.40	2,756'	8-3/4"	435 SAK	-0-
4-1/2"	11.60	4,382'	6-3/4"	190 SAK	3,235'

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

4,160' - 80' - 1/4 Super Dynajets/Ft.
3,740' - 50' - 1/4 Mac jets per Ft.
3,672' - 90' - 1/4 Mac jets per Ft.
3,495' - 3,520' - 1/4 Mac jets per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,160' - 80'	2000 gals. 15%
3,740' - 50'	1000 gals. 15%
3,672' - 90'	3000 gals. 15%
3,495'-3,520'	3000 gals. 15%

33.* PRODUCTION

DATE FIRST PRODUCTION Dry Hole 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 information attached is complete and correct as determined from all available records

ORIGINAL SIGNED BY W. J. Mansbridge
SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 7-12-67

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Set cast iron bridge plug at 3,910'; at 3,833' and dump bailed 5' cement on top; at 3,611' and dump bailed 11' cement on top; at 3,591' and dump bailed 11' cement on top.
			Well P & A 6-14-67 as follows: Set 15 sack cement plug 3,845' - 3,845'. Cut off 4-1/2" casing at 3,306' KB. Pulled 14 jts. Set 45 sack cement plug 2,850' - 2,700'. Pulled 15 jts. 4-1/2" casing. Circulated fresh water at 2,400'. Pulled a total of 102 jts. of 4-1/2" casing. Welded dry hole marker to 7-5/8" surface casing.
			<i>Should be used for future work Jewell JMB</i>

SEP 14 1967

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
100 TOPS:			
Mavajo	85'		
Kayenta	563'		
Wingate	784'		
Chinle	1,107'		
Shinarump	1,400'		
Moenkopi	1,444'		
Alibab	1,821'		
L. Moenkopi	1,858'		
Coconino	1,971'		
Organ Rock	2,670'		
Elephant Canyon	2,774'		
Sheridan	3,380'		
Miss. Red Wall	3,492'		
Dev. Oquirrh	4,644'		
Elberta	4,728'		
Gambler's Lynch	5,044'		
Sch. TD	5,173'		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. 4-074998-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Temple Wash Gov't.

9. WELL NO.

998-A-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 11, T-258, R-13E

12. COUNTY OR PARISH

Emery

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 DEEP. RESVR. Other _____

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 518' FWL (NW NW)
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 5-8-67 16. DATE T.D. REACHED 5-27-67 17. DATE COMPL. (Ready to prod.) _____ 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* OL 4,743'; KB 4,754'

19. ELEV. CASINGHEAD _____ 20. TOTAL DEPTH, MD & TVD 5,175' 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0'-5,175' CABLE TOOLS _____

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

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger IGRS; FDC/GRS; Sidewall Neutron Porosity 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	42.50	87'	12-1/4"	50 SAK	-0-
7-5/8"	26.40	2,756'	8-3/4"	435 SAK	-0-
4-1/2"	11.60	4,382'	6-3/4"	190 SAK	3,235'

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)

4,160' - 80' - 1/4 Super Dynajets/ft.	3,740' - 90' - 1/4 Mac jets per ft.	3,672' - 90' - 1/4 Mac jets per ft.	3,495' - 3,520' - 1/4 Mac jets per foot
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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND-OF MATERIAL USED
4,160' - 80'	2000 gals. 15%
3,740' - 90'	1000 gals. 15%
3,672' - 90'	3000 gals. 15%
3,495' - 3,520'	3000 gals. 15%

33.* PRODUCTION

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

Dry Hole

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 information attached is complete and correct as determined from all available records

ORIGINAL SIGNED BY
SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 9-12-67

*(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 83, 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, FIRM TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS:

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			Set east iron bridge plugs at 3,910'; at 3,833' and dump bailed 5' cement on top; at 3,611' and dump bailed 11' cement on top; at 3,591' and dump bailed 11' cement on top.	<u>LOG TOPS:</u> Navajo Kayenta Wingate Chinle Shinarump Moenkopi Sinbad L. Moenkopi Cocconino Organ Rock Elephant Canyon Navaho Miss. Red Wall Dev. Quay Albert as Gambrian Lynch Sch. T0	85' 563' 761' 1,107' 1,400' 1,444' 1,821' 1,858' 1,971' 2,670' 2,774' 3,380' 3,499' 4,644' 4,780' 5,044' 5,173'		
			Well P & A 6-14-67 as follows: Set 15 sack cement plug 3,545' - 3,345'. Cut off 4-1/2" casing at 3,306' KB. Pulled 14 jts. Set 45 sack cement plug 2,850' - 2,700'. Pulled 15 jts. 4-1/2" casing. Circulated fresh water at 2,400'. Pulled a total of 102 jts. of 4-1/2" casing. Welded dry hole marker to 7-5/8" surface casing.				

SEP 14 1967