

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

.....
.....
.....

Checked by Chief
Approval Letter
Disapproval Letter

OMB
.....
12-2-71
.....

COMPLETION DATA:

Date Well Completed

Location Inspected ...

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land ...

LOGS FILED /

Driller's Log.....

Electric Logs (No.)

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

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

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

Union Oil and Gas Division: Northern Region

Union Oil Company of California
Post Office Box 2620, Casper, Wyoming 82601
Telephone (307) 234-1563



November 30, 1971

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

Attn: Mr. Cleon B. Feight
Director

Re: Burkholder Unit No. 1-G-1
Sec. 1, T. 26 S., R. 22 E.
Grand County, Utah
Exception to Rule C-3b

Gentlemen:

Enclosed herewith is our application to drill the above captioned well.

Because of the difficult topography of the area, we felt it advisable to move the location beyond the limits imposed by Rule C-3b of the Utah Oil and Gas Conservation Commission. The location as surveyed was examined by Mr. Gene Leavitt, a representative of the Bureau of Land Management, and our plans for building road and location were approved by him as to environmental and ecological considerations.

The proposed location is to be 3037' from the north line and 2446' from the east line of Section 1, Township 26 South, Range 22 East, Grand County, Utah. As indicated on the enclosed plat, Union's lease includes all land within a radius of more than 660' from the proposed location.

Therefore, we respectfully submit this application for exception to Rule C-3b and request your approval of the enclosed "Application to Drill".

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA

A handwritten signature in cursive script, appearing to read "A. T. Mannon, Jr.".

A. T. Mannon, Jr.
District Drilling Superintendent

ATM:pd
Encls.

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 2620 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 3037' FNL, 2446' FEL, T. 26 S., R. 22 E.*
 At proposed prod. zone *SW SW NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Six miles east of Moab, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 2225'

16. NO. OF ACRES IN LEASE
 691.80

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 acres

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

19. PROPOSED DEPTH
 12,000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5286' GR

22. APPROX. DATE WORK WILL START*
 12-15-71

5. LEASE DESIGNATION AND SERIAL NO.
 U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Burkholder Unit (Pending)

8. FARM OR LEASE NAME
 Burkholder Unit

9. WELL NO.
 1-G-1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	250'	To circ.
12-1/4"	10-3/4"	40.5#	1650'	To circ.
8-3/4"	5-1/2"	17#	TD	400 sx.

PROPOSE TO: Drill 17-1/2" hole w/air to 250', Run and cement 13-3/8" casing. Drill 12-1/4" hole w/air to approximately 1650'. Run and cement 10-3/4" csg. Drill 8-3/4" hole to top salt at approximately 8500'. Drill w/mud to T.D. Run logs. If productive, run and cement 5-1/2" casing. Complete using 2-7/8" Tubing. Coring and testing will be done at discretion of wellsite geologist.

* (Exception to State Rule C-3b has been applied for.)

*Actual -
035
11-30-71*

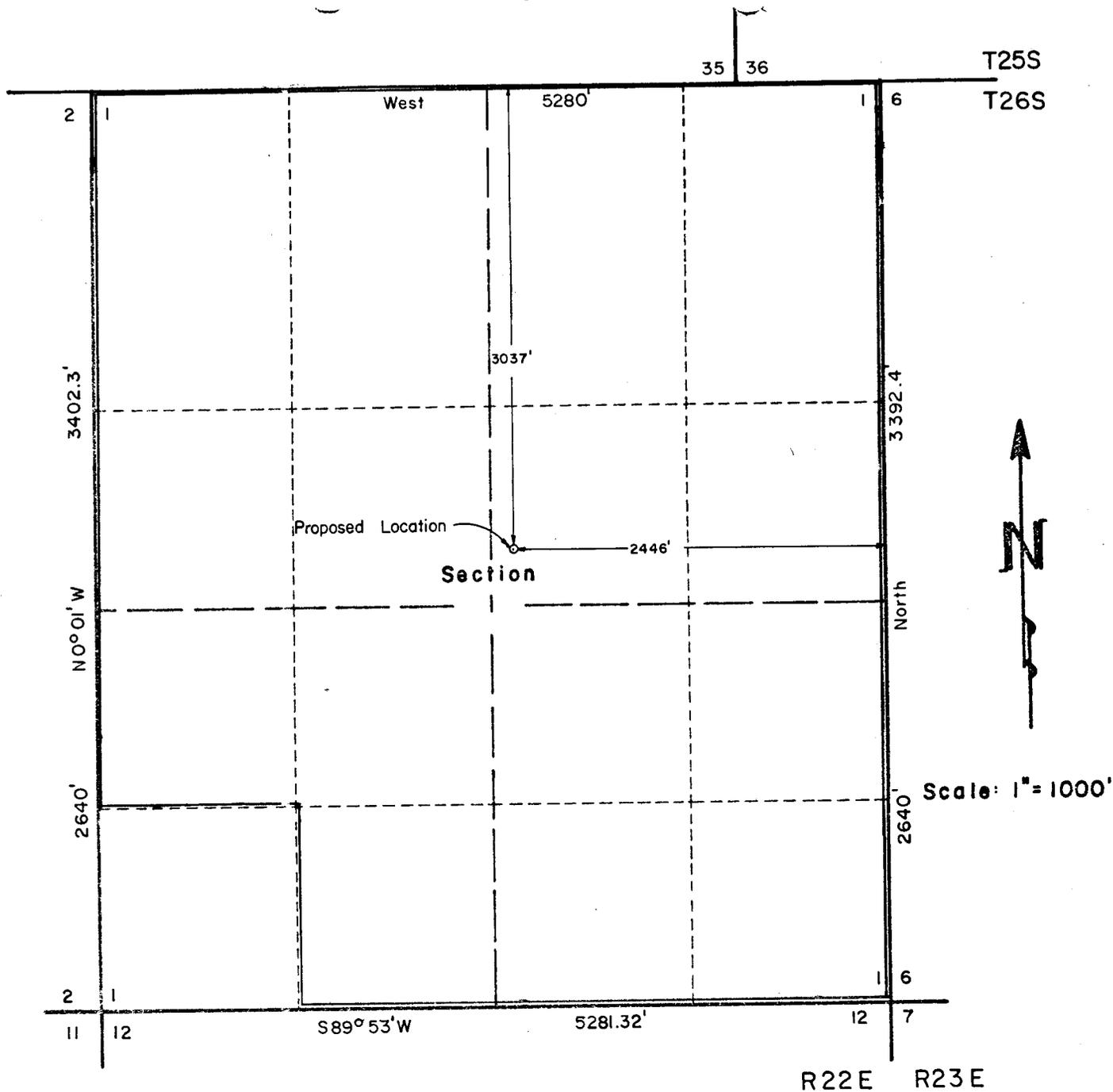
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED *A. T. Mannon, Jr.* TITLE District Drilling Supt. DATE 11-30-71
 A. T. Mannon, Jr.

(This space for Federal or State office use)

PERMIT NO. 43-019-30076 APPROVAL DATE _____

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



WELL LOCATION: UNION OIL CO. BURKHOLDER UNIT NO. 1-G-1

Located 3037 feet South of the North line and 2446 feet West of the East line of Section 1,
 Township 26 South, Range 22 East Salt Lake Meridian,
 Grand County, Utah.
 Existing ground elevation determined at 5286 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 Durango, Colorado	
WELL LOCATION PLAT SEC. 1, T26S, R22E, SLM, Grand County, Utah	
CLARK - REED & ASSOC. Durango, Colorado	DATE: November 26, 1971 FILE NO: 71126

December 2, 1971

Union Oil Company of California
Box 2620
Casper, Wyoming 82601

Re: Burkholder Unit 1-G-1
Sec. 1, T. 26 S, R. 22 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. In addition, verbal permission was given to Mr. Massey by this office on November 30, 1971.

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
OFFICE: 328-5771

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

The API number assigned to this well is 43-019-30076.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL, T. 26 S., R. 22 E.

14. PERMIT NO.

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

5286' GR

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) Supplementary Well History

(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.)*

Spudded well at 4:00 a.m. 12-21-71. Opening surface hole.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE District Drilling Supt.

DATE 12-22-71

(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 TRIP.
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH | 13. STATE

Grand

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286' GR

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*

Supplementary Well History

(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.)*

Ran and cemented 8 joints 13-3/8", 48#, J-55, 8R, STC casing at 254' w/350 sacks regular class "A" 3% CaCl₂. Cement circulated. J.C. 9:30 p.m. 12-22-71. Drilling with air mist. Incomplete.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE

District Drilling Supt.

DATE

12-27-71

(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 TR (DATE)
(Other instruct on re-verse side)

Form approved.
Budget Bureau No. 42-R124.

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286' GR

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) Supplementary Well History

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.)*

Drilled to 2063'. Ran and cemented 64 joints 10-3/4" OD 40.5# K-55, 8R, STC casing at 2063' with 200 sacks Halcolite, 12-1/4# gilsonite per sack, plus 150 sacks 50-50 pozmix, 2% gal 10% salt. Cement circulated. Job complete 6:00 a.m. 12-28-71. W.O.C.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE District Drilling Supt.

DATE 12-30-71

(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 TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

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.)

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286' GR

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*

Supplementary Well History

(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 to 7800'.

DST #1: 7724-7775'. Opened with strong blow decreasing to fair in 15 mins. S.I. 60 mins. Open with fair blow for 90 mins. No GTS. SLM - No correction. Recovered 30' drilling mud. Tool sample recovered 300 cc drilling mud at 50 psi. Gas TSTM, BHT 114°, IHP 3560 psi, IFP 37-50 psi, ISIP (60 mins) 89 psi, FFP 50 psi, FSIP (180 mins) 217 psi, FHP 3560 psi.

Drilling. Incomplete.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE District Drilling Supt.

DATE 1-27-72

(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 TR DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286'

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*

Supplementary Well History

(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 to 10,876'.

DST #2: 10,690-10,851'. 2800' water cushion. Open w/very weak blow 15 mins. S.I. 60 mins. Open w/faint blow 45 mins. S.I. 90 mins. Recovered 30' drilling mud. IHP 5827 psi, IFP 1270 psi, ISIP 4388, FFP 1282 psi, FSIP 4388 psi, FHP 5865, BHT 170° F.

Drilling. Incomplete.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE District Drilling Supt.

DATE 2-22-72

(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 TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286'

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)

Supplementary Well History

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.)*

Drilled to 10,944'.

DST #3: Packers failed. Misrun. Packer stuck. Jarred loose in one hour. POH. RIH w/bit. C.O. 3' and circulated 4 hours. POH. (10,865-10,944')

DST #4: 10,807-10,944'. Open w/very weak blow increasing to 15" water in 15 mins. S.I. 60 mins. Open with fair blow increasing to good in 30 mins. (fast roll from bottom 15" water.) Switched thru logging unit. GTS, 1 hour 45 mins, 2 units C₁ increasing to 3 units in 2 hours. Open 3 hours. S.I. 4 hours. Recovered 3240' salt water, slight G.C. IHP 5965 psi, IFP 204-483 psi, ISIP 4423 psi, FFP 520-1858 psi, FSIP 4386 psi, FHP 5965 psi, BHT 175° F., Water res. 0.12 ohms at 60° F, 201,300 ppm salt. Tool sample including 0.7 bu ft gas, 2100 cc salt water.

Drilling. Incomplete.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE

District Drilling Supt.

DATE

3-2-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

W

3/3/76 rec 1 265 R22E
Grand Co.

Plot
(259-6741)

Ralph Clene - Union
 (Buckholder Unit 16-1) ^(good water)
 ← Cony - 2062 (Water Cemented off) 35' = 145'
 (area) Cuts - 3600 - log top $\frac{1}{2}$ in $\frac{1}{2}$ out
 Nonde rail 7890
 Salt 10090 (3150 lost Cir.)
 Mem 10585 (isolated)
 Osmog 11068 \rightarrow squeezed cement - held 12" mud.
 T.P.C 11223

Sold & tight sand

- ① 20 rb top of cony
- ② 35 rb base of pipe
- ③ 35 rb top of ~~Nonde rail~~ (top of area cuts)
 \downarrow 140' 3600 \rightarrow 70' in and 70' out
- ④ 35 rb top of Nonde rail
- ⑤ 35 rb top of salt
- ⑥ 35 top of Mem
- ⑦ 35 top of Osmog

AOK JMB

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instruct
verse side)

Form approved.
Budget Bureau No. 42-R142

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5286'

5. LEASE DESIGNATION AND SERIAL NO.
U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
Burkholder Unit

8. FARM OR LEASE NAME
Burkholder Unit

9. WELL NO.
1-G-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary Well History</u> <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 to 11,223' T.D. Ran GR-Sonic Log to 11,212'. Ran Dual Ind-LL, BHC Sonic-GR Dipmeter logs. Log T.D. 11,212'.

Propose to plug and abandon subject well as follows:

- 35 sacks - 11,140-11,000'
- 35 sacks - 10,655-10,515'
- 35 sacks - 10,160-10,020'
- 35 sacks - 7,960-7,820'
- 35 sacks - 3,670-3,530'
- 35 sacks - 3,185-3,045'
- 35 sacks - 2,130-1,990'
- 20 sacks - @ Surface

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 3/9/72

BY eb Ferguson

Remove wellhead & install D.H. Marker as per regulations.

Above procedure approved orally by Paul W. Burchell, Chief Petroleum Engineer, Utah Oil & Gas Conservation Commission.

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

SIGNED A. T. Mannon, Jr. TITLE District Drilling Supt. DATE 3-6-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved. Budget Bureau No. 47-R355.6.

Handwritten initials

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO. U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME Burkholder Unit

8. FARM OR LEASE NAME Burkholder Unit

9. WELL NO. 1-G-1

10. FIELD AND POOL, OR WILDCAT Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH Grand 13. STATE Utah

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR Union Oil Company of California

3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 3037' FNL, 2446' FEL At top prod. interval reported below At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 12-21-71 16. DATE T.D. REACHED 3-1-72 17. DATE COMPL. (Ready to prod.) P & A 3-4-72 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5286' GR 19. ELEV. CASINGHEAD 5300' K.B.

20. TOTAL DEPTH, MD & TVD 11,223' 21. PLUG, BACK T.D., MD & TVD - - - - 22. IF MULTIPLE COMPL., HOW MANY* - - - - 23. INTERVALS DRILLED BY - - - - ROTARY TOOLS 0-TD CABLE TOOLS - - - -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NONE 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Ind-LL, BHC Sonic-GR, Dipmeter 27. WAS WELL CORED No

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8" 48# 254' 17-1/2" 350 sx reg cement and 10-3/4" 40.5# 2063' 12-1/4" 200 sx Halcolite-150 sx pozmix.

Table with 2 main sections: 29. LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD)) and 30. TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 main sections: 31. PERFORATION RECORD (Interval, size and number) - NONE and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED).

Table with 2 main sections: 33.* PRODUCTION (DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKES SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO) and 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 [Signature] TITLE District Drilling Supt. DATE 3-7-72

*(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.)

Blowout Preventers tested daily in accordance with Union Oil Company Policy and reported by Drilling Contractor personnel on tour sheets.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<p>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</p>						
			<p>SEE ATTACHED SHEET FOR DRILL STEM TESTS.</p> <p>NO CORES.</p> <p>Well plugged & abandoned as follows: 35 sacks - 11,140-11,000' 35 sacks - 10,655-10,515' 35 sacks - 10,160-10,020' 35 sacks - 7,960-7,820' 35 sacks - 3,670-3,530' 35 sacks - 3,185-3,045' 35 sacks - 2,130-1,990' 20 sacks - @ Surface</p> <p>Removed wellhead & installed D.H. Marker as per regulations. Above procedure approved orally by Paul W. Burchell, Utah Oil & Gas Conservation Commission.</p> <p>Well, P. & A. 3-4-72.</p>			
				White Rim Cutler Arkose Honaker Trail Ismay Top Salt Base Salt Mississippian Ouray Elbert T.D.	3116' 3597' 7710' 9670' 10,090' 10,390' 10,585' 11,068' 11,180' 11,223'	
<p>38. GEOLOGIC MARKERS</p>						

U.S. GEOLOGICAL SURVEY
Well Completion or Recompletion Report and Log
Form 9-330
Burkholder Unit No. 1-G-1
Page 3 - March 7, 1972

Item 37.

- DST #1: 7724-775'. Opened with strong blow decreasing to fair in 15 mins. S.I. 60 mins. Open with fair blow for 90 mins. No GTS. SLM - No correction. Recovered 30' drilling mud. Tool sample recovered 300 cc drilling mud at 50 psi. Gas TSTM, BHT 114^o, IHP 3560 psi, IFP 37-50 psi, ISIP (60 mins.) 89 psi, FFP 50 psi, FSIP (180 mins) 217 psi, FHP 3560 psi.
- DST #2: 10,690-10,851'. 2800' water cushion. Open w/very weak blow 15 mins. S.I. 60 mins. Open w/faint blow 45 mins. S.I. 90 mins. Recovered 30' drilling mud. IHP 5827 psi, IFP 1270 psi, ISIP 4388, FFP 1282 psi, FSIP 4388 psi, FHP 5865, BHT 170^o F.
- DST #3: Packer failed. Misrun. Packer stuck. Jarred loose in one hour. POH. RIH with bit. C.O. 3' and circulated 4 hours. POH (10,865-10,944')
- DST #4: 10,807-10,944'. Open with very weak blow increasing to 15" water in 15 mins. S.I. 60 mins. Open with fair blow increasing to good in 30 mins. (Fast roll from bottom 15" water.) Switched thru logging unit. GTS, 1 hour 45 mins, 2 units C₁ increasing to 3 units in 2 hours. Open 3 hours. S.I. 4 hours. Recovered 3240' salt water, slight G.C. IHP 5965 psi, IFP 204-483 psi, ISIP 4423 psi, FFP 520-1858 psi, FSIP 4386 psi, FHP 5965 psi, BHT 175^o F., water res. 0.12 ohms at 60^o F, 201,300 ppm salt. Tool sample including 0.7 cu ft gas, 2100 cc salt water.

May 31, 1972

Union Oil Company of California
Box 2620
Casper, Wyoming 82601

Re: Well No. Burkholder Unit 1-G-1
Sec. 1, T. 26 S, R. 22 E,
Grand County, Utah

Gentlemen:

Upon checking our records, it is noted that we have not received the electric and/or radioactivity logs that were run on the above referred to well.

Under Rule C-5(a), General Rules and Regulations and Rules of Practice and Procedure, said logs are to be filed within 90 days after the completion of operations on the well. Consequently, it would be appreciated if this data was forwarded our office as soon as possible.

Thank you for your cooperation with regard to this request.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-5861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burkholder Unit

8. FARM OR LEASE NAME

Burkholder Unit

9. WELL NO.

1-G-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T.26S., R.22E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

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

3037' FNL, 2446' FEL

14. PERMIT NO.

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

5286'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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.)*

Plugged and abandoned subject well as follows:

- 35 sacks - 11,140-11,000'
- 35 sacks - 10,655-10,515'
- 35 sacks - 10,160-10,020'
- 35 sacks - 7,960-7,820'
- 35 sacks - 3,670-3,530'
- 35 sacks - 3,185-3,045'
- 35 sacks - 2,130-1,990'
- 20 sacks - @ Surface.

Removed wellhead & installed D.H. Marker.

Well plugged and abandoned 3-4-72.

Above procedure approved orally by Paul W. Burchell, Chief Petroleum Engineer, Utah Oil & Gas Conservation Commission.

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

SIGNED

A. T. Mannon, Jr.
A. T. Mannon, Jr.

TITLE District Drilling Supt.

DATE 11-21-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: