

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet _____

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land _____

Checked by Chief PMB

Copy NID to Field Office _____

Approval Letter 7-6-67

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 8-12-67

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA ✓

State of Fee Land _____

LOGS FILED

Driller's Log 9-5-67

Electric Logs (No.) 2

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others Dual Indentation

Penetration Log Lateral 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
1,436' FSL and 321' FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

16. NO. OF ACRES IN LEASE
80

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
5,850'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,758' OR

22. APPROX. DATE WORK WILL START*
July 12, 1967

5. LEASE DESIGNATION AND SERIAL NO.
Utah 091387-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Butler Prospect

9. WELL NO.
387A #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T-38S, R-22E

12. COUNTY OR PARISH
San Juan

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#	150'	200 sk
12-1/4"	8-5/8"	24#	1,700'	800 sk
7-7/8"	5-1/2"	15.5#	5,850'	

Propose to drill a 5,850' test to the Lower Ismay Limestone.

Propose to drill 17-1/2" hole to 150', cement 13-3/8" casing to surface; drill 12-1/4" hole w/conventional mud to 1,700', cement 8-5/8" casing to surface; drill 7-7/8" hole w/conventional mud to 5,850', coring 100' of the Ismay Zone. Drill stem testing will be at the discretion of the well site geologist. Well will be logged and if productive, 5-1/2" casing will be set at TD.

Pressure operated double ram BOP's will be used.

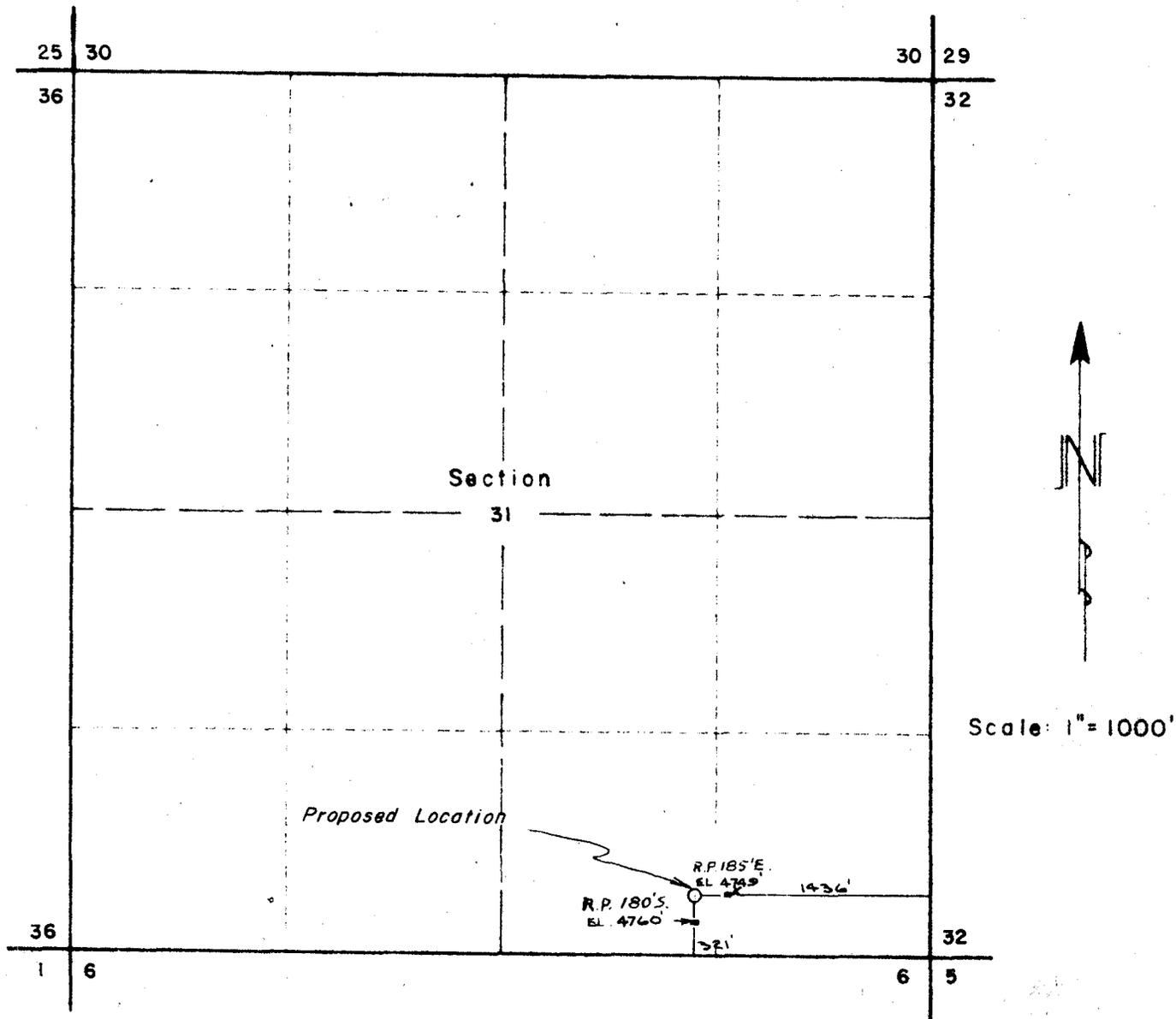
43-037 - 20556

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 Harold Simpson TITLE Dist. Supt. DATE July 5, 1967
Harold Simpson
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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



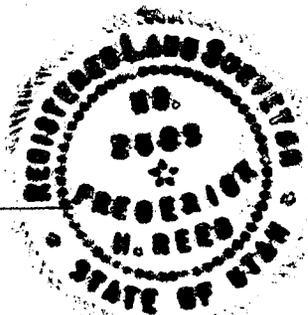
WELL LOCATION: Union Oil Company - Butler Gov't. 387 No.1

Located 321 feet North of the South line and 1436 feet West of the East line of Section 31,
 Township 38 South, Range 22 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4758 feet based on adjoining well locations.

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 # 2689



UNION OIL COMPANY Denver, Colorado	
WELL LOCATION PLAT Sec. 31 - T. 38 S. - R. 22 E. San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE JUNE 12, 1967 FILE NO: 67049

PMB

Union Oil Company of California

POST OFFICE BOX 1611



CASPER, WYOMING 82602

July 5, 1967

TEL: 234-1565

Utah Oil & Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight
Executive Director

Dear Mr. Feight:

We attach for approval by the State of Utah copy of USGS Form 9-331C, Application for Permit to Drill a Wildcat Well, our Butler Prospect Well 387A #1, in San Juan County, Utah.

The location has been staked 1436' FEL and 321' FSL of Section 31. We ask that an exception be granted by the Commission pursuant to Rule C-3. The necessity for an unorthodox location is based on topographical conditions. The center of the SW/4 SE/4 of Section 31 is 40 feet up on a rocky ledge, consequently, the location was staked in a level place. Union owns or controls all acreage within a radius of 660' of the proposed location. An assignment to Union Oil Company of California covering the S/2 SE/4 Section 31, the 80 acre drill-site, was approved by the Bureau of Land Management July 3, 1967, to be effective July 1, 1967.

*OK - checked
Simpson - 7/10/67*

Your early approval of the proposed location will be appreciated.

Yours very truly,

Harold Simpson
District Superintendent

LC:yb

Enc.

July 6, 1967

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

Re: Well No. Butler Prospect 387A #1,
Sec. 31, T. 38 S., R. 22 E.,
San Juan County, Utah,

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3(c).

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 the well has not been spudded-in within said period.

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

Union Oil Company of California

July 6, 1967

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The API number assigned to this well is 43-037-20256 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION BOARD

CLEON B. FEIGHT

CBF: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 TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Drilling Well		5. LEASE DESIGNATION AND SERIAL NO. Utah 091387-A	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,436' FEL and 321' FSL		8. FARM OR LEASE NAME Buller 387-A	
14. PERMIT NO.		9. WELL NO. 387-A No. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) OL 4,758'; KB 4,770'		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T-38S, R-22E	
		12. COUNTY OR PARISH San Juan	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 I	
(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 6:00 a.m. 7-15-67. Drilled 17-1/2" hole to 176'. Ran and cemented 5 jts. 13-3/8" casing at 171' KB with 200 sax 50-50 Poz, 2% gel, 2% calcium chloride. Good returns. Plug down at 11:55 p.m. 7-15-67.

Drilled 12-1/4" hole to 1,821'. Ran 57 jts. (1,821') 8-5/8" casing. Cemented at 1,816' with 600 sax 50-50 Poz, 4% gel, 2% calcium chloride, 1/4# Flocale per sack and 100 sax 50-50 Poz, 2% calcium chloride, 1/4# Flocale per sack. Plug down at 12:05 p.m. 7-19-67. Cemented 13-3/8" to 8-5/8" annulus with 1" pipe using 140 sax regular cement.

Drilled to 5,660'. Cut Core No. 1 - 5,660' - 5,710' and Core No. 2 5,710' - 5,767'.

Now running DST No. 1 - 5,706' - 5,767'.

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

SIGNED W. J. Mansbridge TITLE Dist. Drilling Supt. DATE August 9, 1967

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Shannon

PLUGGING PROGRAM FOR:

UNION OIL COMPANY OF CALIFORNIA
WELL NO. BUTLER PROSPECT #387-1
Sec. 31, T. 38 S., R. 22 E.,
San Juan County, Utah
API #43-037-20256

Will plug Desert Creek if they have not porosity, and is water wet.

Set 100' plug 50 feet above and below the top of Ismay

Set 100' plug across the top of Hermosa

Set 100' plug across the top of Conconio

Set 100' plug across 8 5/8" casing set at 1821' ~~and then either~~
~~xxxxxx~~

May be used as a water well. If so they will not plug the top

will plug the surface casing.

Received from Mr. Clarence Harr, Durango 8-10-67 247-4300

CLARELLA N. PECK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS CATEGORY
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 091387-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

Butler 187-A

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

9. WELL NO.

387-A No. 1

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

At surface 1,436' FSL and 321' FSL

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31, T-388, R-228

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,758' GL

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) **Supplemental 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.)*

Ran DST No. 1 - 5,706' - 67'. Tool open 1 hour, shut in 1 hour, open 1 hour, shut in 1 hour. First open period opened with weak blow, increase first 10 minutes, decreased 15 minutes, dead after 25 minutes. Second open period, no blow. Recovered 100' of drilling mud. Bottom hole sample 790 cc very slightly oil cut drilling mud. Pressures: IH & FH 2832; IF 43-52; ISI 99-381; FF 108-108; FSI 108-122. Drilled to 5,915' TD. Ran electric logs.

Propose to P & A as follows:

40 sax - 5,655' - 5,755'
40 sax - 4,650' - 4,750'
40 sax - 2,760' - 2,860'
30 sax - 1,760' - 1,866'

Will screw dry hole marker into 8-5/8" collar.

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

SIGNED W. J. Mansbridge
W. J. Mansbridge

TITLE District Drilling Supt.

DATE 8-29-67

(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 THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole</p>	<p>7. UNIT AGREEMENT NAME</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Utah 091387-A</p>
<p>2. NAME OF OPERATOR Union Oil Company of California</p>	<p>8. FARM OR LEASE NAME Butler 387-A</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601</p>	<p>9. WELL NO. 387-A No. 1</p>	<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,436' FSL and 321' FSL</p>	<p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 31, T-38S, R-22E</p>	<p>12. COUNTY OR PARISH San Juan</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,758' GL</p>	<p>13. STATE Utah</p>

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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5,915' TD

Well P & A 8-12-67 as follows:

**40 sax - 5,655' - 5,755'
40 sax - 4,650' - 4,750'
40 sax - 2,760' - 2,860'
30 sax - 1,760' - 1,866'
Screwed dry hole marker into 8-5/8" collar**

18. I hereby certify that foregoing is true and correct

ORIGINAL SIGNED BY
SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 8-30-67
W. J. Mansbridge

(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. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

Utah 091387-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Butler 387-A

9. WELL NO.

387-A No. 1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31, T-38S, R-22E

12. COUNTY OR PARISH

San Juan

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. 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 1,436' FEL and 321' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDED 7-15-67 16. DATE T.D. REACHED 8-10-67 17. DATE COMPL. (Ready to prod.) 8-12-67 P & A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* OR 4,758' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5,915' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 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 - Compensate Formation & Dual Induction Laterolog 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	171'	17-1/2"	200 sax	-0-
8-5/8"	24#	1,816'	12-1/4"	700 sax	-0-

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)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

ORIGINAL SIGNED BY

SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 8-31-67
W. J. Mansbridge

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

WJM

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.
<u>Core No. 1</u>	5,660'	5,710'	Cut 50', Rec. 48'
48'	Tight dolomitic argillaceous limestone		
<u>Core No. 2</u>	5,710'	5,767'	Cut 57', Rec. 55-1/2'
54'	Brown limestone		
1-1/2'	Black limy siltstone		
Well P & A 8-12-67 as follows:			
40 sax	5,655'	5,755'	
40 sax	4,650'	4,750'	
40 sax	2,760'	2,860'	
30 sax	1,760'	1,866'	
Screwed dry hole marker into 8-5/8" collar			

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Summerville	433'	
Entrada	452'	
Carnuel	500'	
Navajo	650'	
Kayenta	1,294'	
Wingate	1,395'	
Chinle	1,698'	
Chinle	2,440'	
Koenkepl	2,480'	
Cocconino	2,810'	
Organ Rock	2,920'	
Hermosa	4,700'	
Ismay	5,588'	
Lower Ismay	5,705'	
Lower Ismay Sh.	5,759'	
Desert Creek	5,816'	

SEP 5 1967