

**FILE NOTATIONS**

Entered in NLD File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief *PWB...*  
Approval Letter *8-24-73*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *8-29-73*  
W..... WW..... TA.....  
OW..... OS..... PA.....

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

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
E..... L..... Dual I Log..... CR-N..... Micro.....  
TMC Series CR..... Lat..... M-L..... Series.....  
CBLog..... CCLog..... Others.....

*Replacement well for the Richardson  
Federal #1 - 8-24-73*



# United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

August 22, 1973

Mr. C. D. Borland  
Gulf Oil Corporation  
P.O. Box 670  
Hobbs, New Mexico 88240

Re: Well No. 1-A Richardson-Federal  
SE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 17, T. 36S., R. 5E., S.L.M.  
Garfield County, Utah  
Oil and Gas lease U-5154

Dear Mr. Borland:

Enclosed is your copy of the Application for Permit to Drill the referenced well which was approved by this office on August 22, 1973.

The application is for a replacement well, No. 1-A, to be located 1760' FNL and 265' FEL, Sec. 17, for Well No. 1, which is located 1760' FNL and 205' FEL, Sec. 17. Well 1-A will then be 60' west of Well 1. No new earth moving or location construction will be required for Well No. 1-A.

The surface development plan dated May 8, 1973, presented for well No. 1, and the surface management stipulations specified in Mr. Morgan Jensen's letter of June 18, 1973, will apply to the operations conducted on Well No. 1-A

Sincerely

Gerald R. Daniels

GRD:c1

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  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1760' FNL & 265' FEL, Section 17, 36-S, 5-E  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 25 miles SE of Escalante, Utah

10. 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  
1040

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
19. PROPOSED DEPTH  
2450'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5739' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24# K-55	380'	125 sacks Class C W/2% Ca Cl
7-7/8"	5-1/2"	14# K-55	2450'	150 sacks Class C

To be used as replacement for lost hole due to mechanical difficulties on the Richardson Federal No. 1. To be on same pad with no new dirt construction with the same drilling program as Richardson Federal No. 1.

*AOA*

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 8-21-73  
BY C. B. Ferguson

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

24. SIGNED [Signature] TITLE Area Production Manager DATE August 17, 1973

(This space for Federal or State office use)

PERMIT NO. 43-017-30061 APPROVAL DATE \_\_\_\_\_

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-5154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Richardson Federal

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 17, 36-S, 5-E

12. COUNTY OR PARISH 13. STATE

Garfield

Utah

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

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

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

1760' FNL & 265' FEL, Section 17, 36-S, 5-E

14. PERMIT NO.

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

5739' GL

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.)\*

Aztec Well Servicing Company spudded 11" surface hole at 4:00 PM, August 18, 1973. Drilled to 358'. Ran 11 joints, 344' of 8-5/8" OD 24# K-55 ST&C casing set and cemented at 344' with 175 sacks of Class G containing 2% Ca Cl2. Cement circulated. WOC & NU 18 hours. Tested casing with 1000#, 30 minutes, OK.

Started drilling 7-7/8" hole at 358' at 5:30 PM, August 20, 1973.

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

SIGNED

*H. J. Breazeale*

TITLE

Area Engineer

DATE

August 22, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Handwritten initials*

Gulf Oil Co.  
Richardson Fed  
1-A

1980' FNL 720 FBL  
17

Don McCullough  
365 SE  
Garfield Utah

2628

7 3/8

8 5/8 334 circulated

2600 - 2800

35 sx

1300 - 1200

35 sx

330 - 230

35 sx

surface

5 sx

Chinle 1290

Shinarump 1850

Moenkopi 2066

Timpawap 2520

Kaibab 2590

Richardson #1 is plugged back to 280'

perforated 60' from 150-210 - Fresh water - Gulf will leave for

BLM - 6' water sand 158 -

*Handwritten signature*

8-28-73

4:45 =

# Gulf Oil Company - U.S.

HOBBS PRODUCTION AREA

C. D. Borland  
AREA PRODUCTION MANAGER

August 31, 1973

P. O. Box 670  
Hobbs, New Mexico 88240

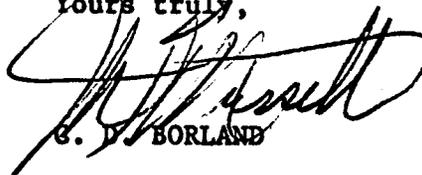
Mr. Gerald R. Daniels  
U. S. G. S.  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Sir:

Attached is Form 9-330 on our Richardson Federal No. 1-A, located 1760' FNL & 265' FEL, Section 17, 36-S, 5-E, which was plugged and abandoned August 30, 1973.

We will advise when the location is ready for your final inspection.

Yours truly,



C. D. BORLAND

lwd:



**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 \***

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. <b>U-5154</b>	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <b>Dry hole</b>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Gulf Oil Corporation</b>						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>Box 670, Hobbs, New Mexico 88240</b>						8. FARM OR LEASE NAME <b>Richardson Federal</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>1760' FNL &amp; 265' FEL, Section 17, 36-S, 5-E</b> At top prod. interval reported below  At total depth						9. WELL NO. <b>1-A</b>	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
15. DATE SPUDDED <b>8-18-73</b> 16. DATE T.D. REACHED <b>8-29-73</b> 17. DATE COMPL. (Ready to prod.) <b>P &amp; A</b> 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5739' GL</b> 19. ELEV. CASINGHEAD <b>--</b>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec 17, 36-S, 5-E</b>	
20. TOTAL DEPTH, MD & TVD <b>2628'</b> 21. PLUG, BACK T.D., MD & TVD <b>--</b> 22. IF MULTIPLE COMPL., HOW MANY* <b>--</b> 23. INTERVALS DRILLED BY <b>→</b> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>None - Plugged and Abandoned</b>						12. COUNTY OR PARISH <b>Garfield</b> 13. STATE <b>Utah</b>	
25. WAS DIRECTIONAL SURVEY MADE <b>No</b>						26. TYPE ELECTRIC AND OTHER LOGS RUN <b>IES, Microlog W/Caliper &amp; Dipmeter</b>	
27. WAS WELL CORED <b>Yes</b>						28. CASING RECORD (Report all strings set in well)	
CASING SIZE <b>8-5/8"</b>		WEIGHT, LB./FT. <b>24# K-55</b>		DEPTH SET (MD) <b>344'</b>		HOLE SIZE <b>11"</b>	
CEMENTING RECORD <b>175 sacks (Circulated)</b>						AMOUNT PULLED	
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) <b>None</b>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				<b>None</b>			
33.* PRODUCTION							
DATE FIRST PRODUCTION <b>None</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							

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

SIGNED *H. J. Greagale* TITLE Area Engineer DATE August 31, 1973

\*(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 23, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
			<p><b>37. SUMMARY OF POROUS ZONES:</b>            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><b>38.</b></p> <p>Core #1 - 2598' to 2628'. Rec 31' Dolo            W/No show of oil or gas.</p> <p>DST #1 - 2493' = 2533'. 15 min preflow, open            W/wk blow incr to strong blow. Took 60 min            ISIP. Open tool for 60 min flow. Tool plug-            ged after 50 mn. Open W/good blow &amp; remained            until tool plugged. Took 60 min FSIP. Rec            110' wtr &amp; 60' drlg mud.</p>	Navajo - Timpoweap -	Surface 2610'

SEP 4 1973

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING  
-----

Well Name & Number Richardson Federal No. 1-A

Operator Gulf Oil Corporation Address Box 670, Hobbs, N.M. Phone 505-393-4121

Contractor Aztec Well Service Address Box B, Aztec, N.M. Phone 505-334-6191

Location SE 1/4 NE 1/4 Sec. 17 T. 36-SN R. 5-E E Garfield County, Utah.  
S W

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	DST #1 - 2493' to 2533'		Rec 110' water & 60' Drilling Mud	Salty
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

4

PJ  
10/9/73

# Gulf Oil Company-U.S.

HOBBS PRODUCTION AREA

October 9, 1973

C. D. Borland  
AREA PRODUCTION MANAGER

P. O. Box 670  
Hobbs, New Mexico 88240

Mr. Gerald R. Daniels  
U. S. G. S.  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Sir:

This is to advise that the pits have been filled and the locations cleared on our Champlin Federal No. 1, located 1119' FNL & 930' FWL, Section 20, 36-S, 5-E and our Richardson Federal No. 1-A, located 1760' FNL & 265' FEL, Section 17, 36-S, 5-E, both in Garfield County, Utah. Both locations are now ready for your inspection after plugging these wells.

Yours truly,



C. D. BORLAND

lwd:

cc: Utah Oil & Gas Conservation Commission.



August 30, 1974

Gulf Oil Company  
Box 670  
Hobbs, New Mexico 88240

Re: Well No. Richardson Fed. 1-A  
Sec. 17, T. 36 S, R. 5 E,  
Garfield County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above referred to well are due and have not as yet been filed with this Division.

It would be greatly appreciated if said logs were forwarded at your earliest convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILDOX  
Executive Secretary



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

June 30, 1986

TO: Well File  
FROM: Mary Alice Peterson  
RE: API Number for Richardson Federal #1-A -- 36S 5E  
sec. 17

This well was originally assigned the API number 43-017-30061. Later the well was plugged and abandoned. At the time the well was plugged and abandoned another well was issued the same API number. The second well was the Lone Cedar Federal #1. Since two wells now have the same API number and only the second well is listed in our official list of assigned API numbers I am going to change the API number on the Richardson Federal #1-A to 43-017-20353. This will leave the Lone Cedar Federal # 1 as 43-017-30061.

map  
0176S 33