Form 9-330
(Rev. 5-63)

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 ☐ GAS WELL ☐ DRY ☐ Other Core Test

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Dry Hole

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 1980' FN & EL, Section 20, 10-N, 5-W
At top prod. interval reported below
At total depth [illegible]

14. PERMIT NO.
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
[illegible]

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Richardson I Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Core Test

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 20, 10-N, 5-W

12. COUNTY OR PARISH
McKinley

13. STATE
New Mexico

15. DATE SPUDDED
[illegible]

16. DATE T.D. REACHED
10-12-71

17. DATE COMPL. (*Ready to prod.*)
Plugged & Abandoned

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
7238' GL

19. ELEV. CASINGHEAD
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20. TOTAL DEPTH, MD & TVD
1372'

21. PLUG, BACK T.D., MD & TVD
P & A

22. IF MULTIPLE COMPL., HOW MANY*
P & A

23. INTERVALS DRILLED BY →
ROTARY TOOLS 109 - 1372'
CABLE TOOLS 0 - 109'

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
[illegible] Density & 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
8-5/8"	24#	109'	12-1/4"	65 sacks (Circulated)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*)
None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

RECEIVED
MAR 5 1973
OIL CON. COM.
DIST. 3

ILLEGIBLE

33.* PRODUCTION

DATE FIRST PRODUCTION: Did not Produce
PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Plugged and Abandoned
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.)

RECEIVED
OCT 26 1972
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 ORIGINAL SIGNED BY ~~C. D. BORLAND~~ TITLE Area Production Manager DATE

***(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.
Dakota	4075	4135	Core #1 Cut 60' Rec 55.3', 21.5 Ss-V fn to Fn, avg to sub-vdd w/calcite cmt, well cmtd in part. Est 8.10% porosity. Much carbonaceous matter. No show. 34.8 Sh Gy to gy/Blk w/carb. matter & with silty strks throughout
Dakota	4058	4135	DST #1 - 15 min preflow. Tool opened with very weak blow & died on preflow. Took 95 min ISIP. 60 min Flow period - opened with very weak blow and died in 5 min. Rec. 30' drlg. mud. IHP 2095#, FHP 2095# IFP 40#, FFP 40#, ISIP 480#, FSIP 240#, BHP 130°
Dakota	4249	4279	SP DST #2 - 10 min preflow. ISI 60 min. 60 min flow period, opened with weak blow incr. to strong blow in 10 min and remained strong throughout test. Rec 1861' water chlorides (3502 ppm), IFP 80#, FFP 747#, HP 2272-2272, 60 min ISIP 1446, 60 min. FSIP 1446

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Point Lookout	2060	
Mancos	2160	
Gallup Zone	3300	
Sanastee	3655	
Greenhorn	3900	
Graneros	4000	
Dakota #1	4020	
Dakota #2	4150	
Dakota #3	4249	
Dakota #4	4338	
TD	4379	