

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM - 13410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Potts Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Morrow

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

Sec 13, T-20-S, R-27-E

12. COUNTY OR

Eddy

13. STATE

NM

1a. TYPE OF WELL:

OIL

☐

GAS

☒

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW

☒

WORK

☐

DEEP-

☐

PLUG

☐

DIFF.

☐

Other

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FSL & 1980' FEL, Sec 13, T20-S, R-27-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-15-77

16. DATE T.D. REACHED

12-13-77

17. DATE COMPL. (Ready to prod.)

1-8-78

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3333' GL

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

11,407'

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

11,366'

22. IF MULTIPLE COMPL.,

HOW MANY*

single

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-11,407'

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morrow 10,914-11,129'

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Compensated Neutron Formation Density, Laterolog, Dipmeter

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
13 3/8"	48 & 68#	420'	17 1/2"	420 sacks - Circ	
9 5/8"	36#	2800'	12 1/4"	1300 sacks - Circ	
5 1/2"	17#	11,407'	8 3/4"	1000 sacks - TSITOC 8810	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	10,848'	10,841

31. PERFORATION RECORD (Interval, size and number)

Perforated 5 1/2" casing w/ 2-1/2" JHPF
@ 10,914-918-, 10,964-74', 11,085-94',
11,125-29' Morrow.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,914-11,129'	Acidize w/ 7000 gal 7 1/2% Morrow acid + 1000 cu ft N2O. Fraced w/ 45,000 gal frac w/ 1/2-2# 20-40 & 100 mesh sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-8-78		flowing				CI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-30-78	24	adjust.	→	-	2141	-	-
FLOW, TURING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2088#	-	→	-	2141	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

R. N. Magee

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

N. P. Sikes, Jr.

TITLE

Area Engineer

DATE

1-31-78

*(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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Sd	2900	4650	Sand, Shale, Limestone			
Bone Spring	4650	6180	Shale, sd, limestone			
1st Bone Spr	SS 6180	8170	Sd, limestone			
3rd " "	SS 8170	8748	Sd, Limestone			
Wolfcamp	8748	10,010	Shale, limestone			
Strawn	10010	10,248	Limestone			
Atoka	10248	10,788	Limestone, Shale			
Morrow	10788	11,183	sd, Limestone, shale			
Barnett	11,183	11,413	Shale			