

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.

5. LEASE DESIGNATION UNIT SERIAL NO.

NM-03514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

MAR 16 1966

7. UNIT AGREEMENT NAME

O. C. C.
ARTESIA, OFFICE

8. FARM OR LEASE NAME

Hammel "A" Federal

WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lusk Stream

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

Sec 14, 19-S, 31-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico

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

At surface 1980 FN & WL, Section 14, 19-S, 31-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

1-22-66

16. DATE T.D. REACHED

2-24-66

17. DATE COMPL. (Ready to prod.)

March 3, 1966

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

3539' OL

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

11,410'

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

11,357'

22. IF MULTIPLE COMPL., HOW MANY*

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-11,410'

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

11,202' to 11,231'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, Sonic and Caliper

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"	54.50	709'	17-1/2"	450 sacks (Circulated)	
8-5/8"	32#	3953'	11"	830 sacks (TOC at 2215')	
5-1/2"	15.5 & 17#	11,409'	7-7/8"	190 sacks (TOC at 10,600')	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2-3/8"	11,125'	11,125'

31. PERFORATION RECORD (Interval, size and number)

Perforated with 2 crack & 2 jt shots per ft at 11,310-12', 11,302-04', 11,287-89', 11,229-31', 11,210-12' & 11,202-04'. Perfs 11,287' to 11,312' are packed off with BP at 11,243'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,287 - 11,312'	1000 gal 15% BDA
11,202 - 11,231'	1000 gal 15% BDA

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
March 3, 1966		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-9-66	24	18/64"	→	497	--	0	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
950	0#	→				44.5	

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

Vented - waiting on tank battery construction

TEST WITNESSED BY

L. D. Jones

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

TITLE

Area Production Manager

DATE

March 9, 1966

*(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:		38. GEOLOGIC MARKERS	
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.
	0	715' 741' 2372' 2641' 10,783' 10,909' 11,125' 11,239' 11,410'	Surface Sand Anhy Saby & Salt Anhy & Lime Lime Lime & Shale Lime & Lime & Shale Lime
			Anhy Yates Delaware Bons Spring Wolfcamp Strawn
			888' 2373' 5115' 6907' 10,300' 11,135'