

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT

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

P. O. Box 670, Hobbs, New Mexico 88240

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

At surface 1980' FS & EL, Sec 20, T-18-S, R-31-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

O.C.G.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM 12210

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Littlefield EM Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undes. Atoka

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

Sec. 20, 18-S, 31-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

12-23-76

16. DATE T.D. REACHED

3-11-77

17. DATE COMPL. (Ready to prod.)

4-4-77

18. ELEVATIONS (DF, R&B, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,165'

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

11,896'

22. IF MULTIPLE COMPL., HOW MANY*

Dual

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 to 13,165'

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

11,657' to 11,735' Undes Morrow — Form 9-330 Submitted 4-13-77

11,102' to 11,120' Undes Atoka

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR— Comp Neutron, Density, Dual Laterolog, GR—Sonic and 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#	620	17 1/2"	525 sacks, circ	
9 5/8"	40#	4,507	12 1/4"	1920 sacks, circ	
7"	23 & 26#	12,145'*	8 3/4"	900 sacks, TOC at 7960'	

*DV tool at 1197'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,057'	11,057'

31. PERFORATION RECORD (Interval, size and number)

Perforated 7" casing at 11,102' and 11,120'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,102-11,120	2000 gallons of 7 1/2% acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-4-77		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-10-77	24	22/64	→	170	2614	10	14,200
FLOW. TURING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1000#	-	→	170	2614	10	56.1	

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

Shut-in - waiting on pipeline connection and multiple completion application.

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

H. B. Sikes, Jr.

TITLE

Area Engineer

DATE

8-17-77

*(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: "Seals 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.
	0'	2,080'	Red Bed, Salt & Anhy
		5,976'	Dolo, SS & Shale
		9,632'	Shale, SS & LS
		10,639'	Dolo, LS & Shale
		12,570'	LS, Shale & SS
		12,644'	Shale
		13,163'	Dolo, LS & Chert
ST #1 5575-5675'. Open tool W/good blow, dec to fair blow in 15 min. Tool open 30 min.			
CI 1 hr. Open tool for 60 min W/good blow, dec to fair blow. Rec 280' DM W/tr oil &			
820' salt water. IHP 2786, 30 min IFP 338 - 851, 60 min ISIP 2235, 60 min 2nd flow			
61 to 1488, 120 min FSIP 2235, FHP 2786. BHT 96°.			
ST #2 7750-7854'. Pen tool W/fair blow thru 30 min IF. CI 1 hr. Open tool W/fair			
blow, incr to good blow after 15 min. Rec 233' GCW W/tr oil. IHP 3836, 30 min IFP			
36 - 196. 1 hr CI 2982. 1 hr 2nd blow 231 to 392. 2 hr CIP 3000#, FHP 3836. BHT 112°.			
ST #3 9150' to 8250'. Open tool W/wk blow, incr to strong blow in 4 min & cont for 30			
in IF. Rec 3' oil and 381' salt wtr. IHP 4636, 30 min 1st flow 117 - 120, 60 min CI			
720, 60 min 2nd flow 164-304, 120 min CI 2303, FHP 4636.			
ST #4 9520-9570'. Open tool W/wk blow, cont for 30 min preflow. Rec 80'. IHP 4755, 30			
60 min 2nd flow 92-92.			
ST #5 11,075' to 11,175. Open tool W/strong blow. Fld 1 hr at est 8041 MCFFD, Rec 110			
IHP 5646, 30 min IFP 1449-2779, 60 min ISIP 4722, 60 min 2nd flow 2298-30-32, 135 min FSIP			
ST #6 11,525' to 11,583'. Open tool W/strong blow. GTS in 18 min. IHP 5875, IFP 231-369,			

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Top Anhy			520'
Top Salt			681'
Base Salt			1,930'
Top Yates			2,080'
Queen			3,200'
Bone Springs			5,976'
Wolfcamp			9,632'
Strawn			10,639'
Atoka			10,944'
Morrow LS			11,354'
Barnett			11,760'
Mississippian			12,058'
Woodford Shale			12,570'
Devonian			12,644'
min 1st flow 66-69, 60 min CI 115,			
GCM, 1200' dist & GCM & 500' dist.			
FHP 4732, FHP 5646, BHT 156°.			
ISIP 4847, IFP 277-599, FHP 5875.			

See attachment.