

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NM 88210

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-17103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lee Federal 'Com'

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

BURTON FLAT
Wildcat-Atoka

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

Sec. 25, T20S, R28E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Dual Completion

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Liberty Oil & Gas

3. ADDRESS OF OPERATOR

77380

1776 Woodstead Ct., Suite 200, The Woodlands, Tx

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

At surface 1980' N & E

At top prod. interval reported below

At total depth Same

MAY 17 1983

14. PERMIT NO.

MAY 10 1983

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE PROD. BEGAN

12/29/82

2/18/83

3/26/83

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

3240.8' GR

19. ELEV. CASINGHEAD

3242.0'

20. TOTAL DEPTH, MD & TVD

11,660'

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

11,550'

22. IF MULTIPLE COMPL., HOW MANY*

2 zones

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

Atoka (10,734-10,755)

~~Morrow (11,292-11,304)~~

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

1. Compensated Neutron FD 2. Dual Laterolog-RXO

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
20.0"	90.0#	40'	26.0"		
13 3/8"	48.0#	628'	17 1/2"	540 SX	
9 5/8"	36.0#	3227'	12 1/4"	1540 SX	
7.0"	29.0#	11660'	8 3/4"	1025 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				Atoka	2 3/8"	10,619'	10,619'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Atoka 10,734-10,755 (4 JSPF, 1/2" diameter holes)

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

DEPTH INTERVAL (MD)

10,734-10,755

AMOUNT AND KIND OF MATERIAL USED

Natural

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3/26/83		Flow (Atoka)					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/12/83	24	--	→				--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
--	Pkr	→	21.3	3,108 (AOF)	1.4	52		

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

Waiting on pipeline

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Multipoint and One Point Back Pressure Test is attached

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

SIGNED

Jerry W. Franklin

TITLE

Agent

DATE

4/26/83

*(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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH	TRUE VERT. DEPTH
Atoka	10,734	10,755	Yates	1169	1169
	11,292	11,304	El Capitan	1438	1438
Morrow			Delaware	3090	3090
			Bone Spring	5518	5518
			Wolfcamp	8994	8994
			Strawn	10234	10234
			Atoka	10670	10670
			Morrow	11241	11241