

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT LOG *

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 ☐

FEB 28 1983

2. NAME OF OPERATOR
Liberty Oil & Gas

O. C. D.
ARTESIA, OFFICE

3. ADDRESS OF OPERATOR
1776 Woodstead Ct., Suite 200, The Woodlands, Texas 77380

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2310'/S & 660'/W
At top prod. interval reported below
At total depth

RECEIVED
FEB 24 1983

14. PERMIT NO. DATE ISSUED
OIL & GAS
U.S. GEOLOGICAL SURVEY

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

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Burton Flat-Morrow

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

Sec. 25, T20S, R28E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPUDDED 7/30/82 16. DATE T.D. REACHED 9/13/82 17. DATE COMPL. (Ready for prod.) 10/15/82 18. ELEVATION (DF, RKB, RT, GR, ETC.)* 3265.1' GR 19. ELEV. CASINGHEAD 3267.1'

20. TOTAL DEPTH, MD & TVD 11,950' 21. PLUG, BACK T.D., MD & TVD 11,650' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,452 - 11,543 Morrow 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron with gamma ray, Dual Laterolog-RXO with gamma ray 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.0#	610'	17 1/2"	540 sx Class 'C'	
9 5/8"	36.0#	2985'	12 1/4"	2445 sx Class 'C'	
5 1/2"	17 & 20#	11944'	7 7/8"	317 sx Class 'H' & 168 sx Class 'C'	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,397'	11,397'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,452-11,462				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,476-11,485				11,452-11,534'	Natural
11,505-11,508	4 shots per foot				
11,512-11,534	1/2" diameter holes				

33. PRODUCTION (ORIG. SGD.) DAVID R. GLASS							
DATE FIRST PRODUCTION 10/07/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					
DATE OF TEST 10/19/82	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OLD GRAVITY-API (CORR.)	
				3235.0 (AOF)			

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

35. LIST OF ATTACHMENTS MultiPoint and One point back pressure test attached.

36. I hereby certify that the foregoing and attached information is complete and correct as obtained from all available records
SIGNED Terry W. Franklin TITLE Agent DATE 2/21/83

*(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 33.

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: "Secks 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Morrow	11,452	11,534		Delaware	3124'	3124'
				Bone Springs	5514'	5514'
				Wolfcamp	8976'	8976'
				Strawn	10238'	10238'
				Atoka	10662'	10662'
				Morrow	11230'	11230'
				Barnett	11652'	11652'