

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

455

Artesia, NM

Artesia, NM

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND 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 ☐

NOV 28 1983

2. NAME OF OPERATOR
Liberty Oil & Gas

ROSWELL, NEW MEXICO

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

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)
At surface 1980' FSL & 1980' FEL
At top prod. interval reported below
At total depth SAME

RECEIVED BY
DEC 01 1983
O.C.D.
ARTESIA, OFFICE

14. PERMIT NO. DATE ISSUED
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.
NM-15873
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Doris 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. 26, T20S, R28E
12. COUNTY OR PARISH
Eddy
13. STATE
N.M.

15. DATE SPUDDED 7/28/83 16. DATE T.D. REACHED 8/31/83 17. DATE COMPL. (Ready to prod.) 10/6/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3263.5' GR 19. ELEV. CASINGHEAD 3261'

20. TOTAL DEPTH, MD & TVD 11,620' 21. PLUG, BACK T.D., MD & TVD 11,400 PB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,163 - 11,330 Morrow 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron, Dual Laterolog 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"	48.0#	621 '	17 1/2"	640 sx(Circulated)	
9 5/8"	36.0#	2900 '	12 1/4"	1125 sx(Circulated)	
5 1/2"	17.0#	11619 '	7 7/8"	975 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	10,654'	10622'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11163- 11172	11303- 11307		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11176- 11182	11319- 11330		11,163-11,330	105 gallons 7 1/2% HCL acid
11186- 11196	1/2" diameter holes			
11218- 11225	4 SPF			
11240- 11256	242 total shots			

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/2/83		Flowing				Shut - In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/6/83	24	---	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1600	Pkr	→	-----	2,453	-----	-----	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In waiting on pipeline connection TEST WITNESSED BY Dale Williams

35. LIST OF ATTACHMENTS Multipoint and One Point Back Pressure Test is attached. (ORIG. SCD) DAVID R. GLASS

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 11/28/83

NOV 29 1983

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 PRESSURE, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Morrow	11,163	11,330	12 - 16% porosity	Yates	11151	"
				El Capitan	1405	"
				Delaware	2994	"
				Bone Spring	5365	"
				Wolfcamp	8954	"
				Strawn	10195	"
				Atoka	10626	"
				Morrow Clastics	11176	"
				Barnett	11591	"