

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

5. LEASE DESIGNATION AND SERIAL NO.

USA-NM-0226792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 31

9. WELL NO.

131

10. FIELD AND POOL, OR WILDCAT

Ute Dome

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

Unit F

Sec. 31-T32N-R13W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

19. ELEV. CASINGHEAD

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

ENSERCH EXPLORATION, INC.

3. ADDRESS OF OPERATOR

909 S. Meridian-Suite 608, Oklahoma City, Oklahoma 73108

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

At surface 1810' FNL & 2340' FEL Sec. 31-T32N-R13W Unit F

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-1-79

16. DATE T.D. REACHED

7-12-79

17. DATE COMPL. (Ready to prod.)

8-19-80

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

6324 GR

20. TOTAL DEPTH, MD & TVD

9265

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

9159'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

7798-9119' Ute Dome (Penn)

25. WAS DIRECTIONAL SURVEY MADE

Yes, 5000' to

9254'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Ind. CNDL CFI GRCB

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	669'	17 1/2"	535 sx Class B w/2 % CaCl	None
5 1/2"	17 # K55	9264'	7 7/8"	500 sx 50/50 PoZ Mix 2% Gel	None
				16 # salt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7493'	7493'

31. PERFORATION RECORD (Interval, size and number)

7798' - 8599' .42 93 perfs
8751' - 9119 .42 43 perfs

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7798' - 8599'	53,000 gals. Duo Frac 11
8751' - 9119'	110,000 gals. Duo Frac 11

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-6-80	24 hrs.	3/4"	→		350	5	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
350	PKR	→		350	5	0	

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

Gas was vented during test

TEST WITNESSED BY

J.M. Bradford

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

KC Linn

TITLE Production Suptd.

DATE 9-11-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOC

WASHINGTON DISTRICT

BY

2

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.

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: "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 PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Hermosa	7158'	8190	Interbed of light colored, dense Limestone			
Ismay	8190'	8366'	Light gray to tan, dense to medium crystalline limestone			
Desert Creek	8366'	8516'	Brown dense, shaley, siltg. limestone			
Akah	8516'	8710'	Anhydrite intervals w/ shales and limestone			
Barker Creek	8710'	9206'	Dark shales with occasional thin beds of dense limestone.			
Malas	9206'	9265'	Dark shale with thin beds of dense limestone.			