

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-067230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL 3

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

LUSK BONE SPRING, EAST

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

SEC. 3, T19S-R32E

12. COUNTY OR PARISH
LEA

13. STATE
NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SHUT-IN

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

SHELL WESTERN E&P INC.

3. ADDRESS OF OPERATOR

P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)

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

At surface 1980' FSL & 1730' FEL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

30-025-25701

15. DATE SPUDDED

11-06-77

16. DATE T.D. REACHED

1-08-78

17. DATE COMPL. (Ready to prod.)

1-19-85

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

3664.7' GR, 3680' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,150'

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

9376'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-13,150'

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

OPEN

9142' - 9156' (BONE SPRINGS)

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/TEMP

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#	410'	17-1/2"	400 CLASS C	-----
8-5/8"	24, 32#	4515'	11, 10-5/8"	1500 LITE, 200 CLASS C	-----
5-1/2"	15.5, 17, 20#	13,150'	7-7/8"	225 LITE, 800 CLASS H	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	9045'	-----

31. PERFORATION RECORD (Interval, size and number)

9045' - 9050' (2 JSPF, 11 HOLES)
9142' - 9156' (2 JSPF, 29 HOLES)
10,021' - 10,070' (2 JSPF, 99 HOLES)
10,235' - 10,240' (2 JSPF, 11 HOLES)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9045' - 9050'	SOZD W/50 SX CLS H CMT
9142' - 9156'	ACD W/3000 G 15% HCL + 1000 G 15% MCA
10,021' - 10,070'	ACD W/6000 GALS 15% HCL
10,235' - 10,240'	SOZD W/100 SX CLS H CMT

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
SHUT-IN		SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROP. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

NA

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

3160-5

CARLSBAD, NEW MEXICO

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

SIGNED A. J. Fore A. J. FORE TITLE SUPERVISOR REG. & PERMITS DATE JUNE 20, 1986

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

TA Comp Posted

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.
RECEIVED JUL 27 1986 O.C.C. HOES OFFICE			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
RUSTLER	1310'	
TANSILL	2800'	
YATES SAND	3016'	
DELAWARE SAND	5615'	
BONE SPRINGS	7209'	
BONE SPRINGS SD	7894'	
WOLFCAMP	10,490'	
DES MOINES LIME	11,622'	
ATOKA	11,817'	
MORROW	12,330'	
TD	13,150'	