

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO 88240

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS *

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: DAKOTA RESOURCES, INC. (I)
3. ADDRESS OF OPERATOR: 310 W. Wall, STE 814, MIDLAND, TX 79701
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal regulations):
At surface 330' FSL & 330' FEL, SEC. 28
At top prod. interval reported below
At total depth
Unit P
5. LEASE DESIGNATION AND SERIAL NO.: NM 91906
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Karankawa Fed
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: CAPROCK Queen
11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA: Sec. 28, T13S, R31E
12. COUNTY OR PARISH: CHAVES
13. STATE: NM
14. PERMIT NO.: DATE ISSUED: DEC 16 1993
15. DATE SPUDDED: 11-5-93
16. DATE T.D. REACHED: 11-10-93
17. DATE COMPL. (Ready to prod.): 11-29-93
18. ELEVATIONS (D, RWB, RT, GR, ETC.): NE 4195' GL
19. ELEV. CASINGHEAD: 4194'
20. TOTAL DEPTH, MD & TVD: 2860'
21. PLUG, BACK T.D., MD & TVD: 2822'
22. IF MULTIPLE COMPLEMENTS, HOW MANY? 2
23. INTERVALS DRILLED BY: ROTARY TOOLS: 0-2860'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 2784'-2797' QUEEN SD.
25. WAS DIRECTIONAL SURVEY MADE: No
26. TYPE ELECTRIC AND OTHER LOGS RUN: GR/CNL (cased hole)
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
9-5/8	47	318'	12 1/4"	150 SX CL "C" circ 15 SX	
5 1/2	15.5	2860'	7-7/8	200 SX LW + 300 SX "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	2778	No PKR

31. PERFORATION RECORD (Interval, size and number)

2784 - 2797 w/ 26-0.5" dia. holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2784-2797	1500 gals 15% NEFE acid.
" "	750 " " " "
" "	19,500# 20/40 sd in
" "	12,500 gals gelled KCl wtr.

33. PRODUCTION

DATE FIRST PRODUCTION: 11-29-93
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Rod pump, 2" x 1 1/2" x 16"
WELL STATUS (Producing or shut-in): SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-10-93	24	No CH.	→	13	150	57	11,538

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
NA	15	→	13	150	57	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): vented
TEST WITNESSED BY: R. Kinnemore.

35. LIST OF ATTACHMENTS: Log

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

SIGNED: J. McDonald TITLE: ENGINEER DATE: 12-15-93

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

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
QUEEN	2781	2797	Sandstone: Lt. grey, well sorted, very fine grains, good porosity	QUEEN	2781	2797