

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

451

5. LEASE DESIGNATION AND SERIAL NO.

LC-029426-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

KEEL-WEST WATERFLOOD PROJECT

8. FARM OR LEASE NAME, WELL NO.

H.E. WEST 'B' #54

9. API WELL NO.

30-015-27150

10. FIELD AND POOL, OR WILDCAT

GRAYBURG-JACKSON POOL

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

SEC 9, T17S, R31E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

19. ELEV. CASINGHEAD

GL 3908'

23. INTERVALS DRILLED BY

SURFACE-TD

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORRED

NO

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 MAY - 7 1993

2. NAME OF OPERATOR  
SOCORRO PETROLEUM COMPANY

3. ADDRESS AND TELEPHONE NO.  
P.O. BOX 37, LOCO HILLS, NM 88255 (505) 677-3223

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 75' FNL, 1370' FEL UNIT B (NWNE)  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 3/10/93 16. DATE T.D. REACHED 3/20/93 17. DATE COMPL. (Ready to prod.) 5/11/93 18. ELEVATIONS (OF. RKB, RT, QB, ETC.)\* RKB 3918'

20. TOTAL DEPTH, MD & TVD 4310' 21. PLUG. BACK T.D., MD & TVD 4256' 22. IF MULTIPLE COMPL., HOW MANY? - 23. INTERVALS DRILLED BY SURFACE-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4031'-4132' (63 Holes) SAN ANDRES 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN CNLD, DL-MSFL-GR, EPT, NGS 27. WAS WELL CORRED NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" J-55	24#	618'	11"	300 SX-CIRC 10 SX TO PIT	
5-1/2" J-55	17#	4310'	7-7/8"	1850 SX-CIRC 348 SX TO PIT	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4251'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4132'-14'	(36 HOLES)	SEE ATTACHED	
4037'-79'	(8 HOLES)		
4060'-43'	(12 HOLES)		
4033'-31'	(7 HOLES)		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/11/93		PUMPING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/11/93	14 HRS	-	→	16	10.4	65	650
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	20#	→	27	15.6	111	38.6	

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

SOLD TO CONOCO

35. LIST OF ATTACHMENTS  
DEVIATION SURVEY AND LOGS

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

SIGNED [Signature] TITLE PRODUCTION MANAGER DATE 5/13/93

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

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
YATES	1817'	2117'				
SEVEN RIVERS	2118'	2728'				
QUEEN	2729'	3137'				
GRAYBURG	3138'	3465'				
IN ANDRES	3466'					