

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other in-
structions on
the slide)

Expires: February 28, 1993

5. LEASE DESIGNATION AND SERIAL NO.

LC 029426-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

COMMISSION

7. TRAIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

H.E. WEST "A" #23

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT

GRAYBURG - JACKSON POOL

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

SEC 4, T17S, R31E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ NM OIL CONS. COMMISSION

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ PERFORATION ☐ PLUG BACK ☐ DIFF. SERVICE ☐ Other ☐ Drawer 20

3. NAME OF OPERATOR
SOCORRO PETROLEUM

4. ADDRESS AND TELEPHONE NO.

P.O. BOX 37, LOCO HILLS, NM 88255 (505) 677-3223

5. LOCATION OF WELL (Report location clearly and in accordance with any state or federal requirements)

At surface 140' FSL & 35' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.
CARLSBAD, NEW MEXICO

15. DATE SPUNNING 3-1-93 16. DATE T.D. REACHED 3-9-93 17. DATE COMPL. (Ready to prod.) 9-8-93 18. ELEVATIONS (DP, RMB, RT, OR, ETC.) * KB 3935' 19. SLEV. CASINGHEAD GL 3925'

20. TOTAL DEPTH, MD & TVD 4308' 21. PLUG BACK T.D., MD & TVD 4287' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY SURFACE-TD YES

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

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL LDT, DSON, DDL MSFL, QUICKLOOK, NGT & EPT 27. WAS WELL LOGGED 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
13-3/8" J-55	48#	595'	15"	250 SX - CIRC 42SX TO PIT	
5 - 1/2" J-55	17#	4308'	7-7/8"	1600SX-CIRC 282SX 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"	3959'	

31. PREPARATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3530' - 3427'	28 HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3399' - 3370'	12 HOLES	SEE SUNDRY DATED 10/5/93	
3341' - 3333'	4 HOLES		
3262' - 3259'	4 HOLES		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-8-93		PUMPING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'M. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-10-93	24 HRS			46	31.28	293	680
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	20#		46	31.28	293	35.6	

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 OCT 93

*(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.

OUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and

is.

GEOLOGIC MARKERS

TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
1851'	2165'				
2166'	2771'				
2772'	3194'				
3195'	3532'				
3533'					

WELL NAME AND NUMBER H. E. West "A" 23

LOCATION 140' FSL & 35' FEL, Section 4, T17S, R31E, Eddy County, NM

OPERATOR Socorro Petroleum

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 503'</u>	<u> </u>	<u> </u>
<u>1/4° 1022'</u>	<u> </u>	<u> </u>
<u>1/2° 1513'</u>	<u> </u>	<u> </u>
<u>1° 2034'</u>	<u> </u>	<u> </u>
<u>1-1/4° 2527'</u>	<u> </u>	<u> </u>
<u>1-1/2° 3019'</u>	<u> </u>	<u> </u>
<u>2° 3480'</u>	<u> </u>	<u> </u>
<u>1° 4068'</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: L. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 11th day of March, 1923.

Hanna Tankersley
Notary Public

My Commission Expires: 9-25-95

Chaves N. M.
County State