

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.  
**Las Cruces 0294.26 (b)**  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other **Water Injection**  
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other **RECEIVED**

2. NAME OF OPERATOR **Sinclair Oil & Gas Company** ✓ **SEP 14 1964**

3. ADDRESS OF OPERATOR **Box 1920, Hobbs, New Mexico** **O. C. C.**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **660' fr N line & 1980' fr W line Sec. 4-T-178-R-31E**  
At top prod. interval reported below  
At total depth

7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME **H. E. West #3**  
9. WELL NO. **3**  
10. FIELD AND POOL, OR WILDCAT **Grayburg-Jackson**  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA **Sec. 4-T-178-R-31E**

12. COUNTY OR PARISH **Edley** 13. STATE **New Mexico**

14. PERMIT NO. DATE ISSUED  
15. DATE SPUDDED **8-14-64** 16. DATE T.D. REACHED **9-7-64** 17. DATE COMPL. (Ready to prod.) **9-7-64** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **3950 OL** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **3800'** 21. PLUG, BACK T.D., MD & TVD **3755' PB** 22. IF MULTIPLE COMPL., HOW MANY\* **→** 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS **0-3800'**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **Water Injection Well** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Caliper Log** 27. WAS WELL CORED **No**

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75#	714'	13"	100 Sx	None
7"	23 & 24#	3291'	8-3/4"	100 Sx	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3227'	3799'	1455		2-3/8"	3397'	3311'

31. PERFORATION RECORD (Interval, size and number)

3392-3406', 3414-26' w/ 52-3/8" holes  
3352-57', 3290-3302', 3313-18', 3258-68' & 3210-18' w/ 80-3/8" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3392-3406', 3414-26'	250 Gals. HDA & 500 Gals. MA
3352-57'	250 Gals. HDA
3290-3302', 3313-18'	250 Gals. HDA
3210-18', 3258-68'	500 Gals. HDA

33.\* PRODUCTION

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

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. 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.) TEST WITNESSED BY

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 [Signature] TITLE **District Superintendent** DATE **9-9-64**

RECEIVED  
SEP 10 1964  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

