

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☐	DRY ☐	Other <u>Water Injection</u>		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☒	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR <u>Sinclair Oil & Gas Company</u>						5. LEASE DESIGNATION AND SERIAL NO. <u>Las Cruces 029435 (b)</u>	
3. ADDRESS OF OPERATOR <u>520 East Broadway, Hobbs, New Mexico</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1980' FSL & 660' FSL Sec 5-T173-R31E</u> At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED <u>12-18-63</u>						16. DATE T.D. REACHED <u>1-3-64</u>	
17. DATE COMPL. (Ready to prod.) <u>1-15-64</u>						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>3895 GR</u>	
20. TOTAL DEPTH, MD & TVD <u>3780</u>						21. PLUG, BACK T.D., MD & TVD <u>3757</u>	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Water injection well</u>						25. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Gamma, Neutron & Caliper</u>						27. WAS WELL CORED <u>No</u>	
29. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
<u>8 5/8"</u>		<u>24#</u>		<u>639</u>		<u>10</u>	
<u>7"</u>		<u>26#</u>		<u>3081</u>		<u>8</u>	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
<u>5"</u>		<u>3002</u>		<u>3765</u>		<u>3113</u>	
31. PERFORATION RECORD (Interval, size and number)							
<u>3140-48</u>		<u>3393-97</u>		<u>3714-20</u>			
<u>3190-94</u>		<u>3470-80</u>		<u>3746-49</u>			
<u>3221-28</u>		<u>3630-34</u>		<u>3753-56</u>			
<u>3283-86</u>		<u>3640-46</u>					
<u>3318-33</u>		<u>3688-98</u>					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
<u>3140-3756</u>				<u>4500 gals acid</u>			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
<u>Water inj. well</u>						<u>1964</u>	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST WITNESSED BY							
35. NO. OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>RECEIVED</u> ACTING DISTRICT ENGINEER				TITLE <u>District Superintendent</u>		DATE <u>1-16-64</u>	

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Yates	1713	1795	Anhydrite				
7 Rivers	1795	2630	Anhydrite, redrock & lime shell				
Queen	2630	3040	Anhydrite & lime				
Grayburg	3055	3362	Lime				
San Andres	3362	3760	Lime & dolomite				