

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 Water Inj Well		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☒	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other RECEIVED
2. NAME OF OPERATOR		SINCLAIR OIL CORPORATION				SEP 22 1964	
3. ADDRESS OF OPERATOR		P. O. Box 1920, Hobbs, New Mexico, 88240				O. C. C.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)		At surface 2005' from N line and 660' from W line of Section 4-173-311, Eddy County, New Mexico				ARTESIA, BEFIG	
At top prod. interval reported below							
At total depth							
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH		13. STATE	
				Eddy		New Mexico	
15. DATE SPUNDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
3-10-51		5-10-51		7-29-64		3937 GL	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
3556'						ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE				CABLE TOOLS	
Water Injection Well		No				0-3556'	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED					
Collar Log		No					
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
10 3/4"	32.75#	674'	13"	100 Sacks			
7"	26 #	3123'	10"	200 Sacks			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
4 1/2"	3008'	3519'	150 Sks		SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3346'	3315'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3194 - 3200'				DEPTH INTERVAL (MD)			
3245 - 3253'				AMOUNT AND KIND OF MATERIAL USED			
3282 - 3292'				3344-3464' 3519-3568' 1500 gal MA			
3302 - 3310'				3282-92' & 3302-10' 500 gal MA			
3344 - 3461'				3245-3253' 250 gal MA			
				3194-3200' 250 gal MA			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Water Inj Well						Injecting	
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 <i>L. L. Burn</i>		TITLE District Superintendent				DATE 9-14-64	

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

Orig & 4 cc: OCC; RFS; File

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	TRUE VERT. DEPTH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN PLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 029426 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

H. E. Nest "B"

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

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

Sec. 4-T17S-R31E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☐
WELL WELL OTHER Water Injection Well

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 1920, Hobbs, New Mexico, 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface2005' from North line and 660' from West line of Sec. 4-
T17S-R31E, Eddy County., New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3937 GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐Convert to Water Injection ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Rig up DD Unit and cleanout to 3556'. Cemented 511' 4-1/2" OD csg F/liner 3043-3534' w/150 sks. encore plus 130 Gal. Laytex, spot cement behind liner, packoff liner hanger and squeeze 35 sacks out bottom of liner @ Max. Press. 2150#. Squeeze 4-1/2" liner @ 3060' w/ - 3/8" holes, set retainer in 7" csg. @ 2958', ran 2" tubing to 2958' and squeezed 4-1/2" liner 3008-3519' w/88 sks. 2 1/2 CC. Max. Press. 2500#. Test csg to 2000# tested OK, after 24 hr. WOC. Treated perforations 3344-3464' & 3519-368' w/1500 Gal. MA, MP 2000#, Min. 1500#, IR 2.1 BPM, ISIP 1700#, 5 min. SIP 1300#, treated perforations 3282-92' & 3302-10' w/500 gal. MA, MP 1600#, Min. 1500#, IR 1.3 BPM, ISIP 1500#, treated perforations 3245-3253' w/250 Gal. MA, MP 3000#, Min. 2500# IR .9 BPM, ISIP 2500#. Treated perforations 3194-3200' w/250 Gal. MA, MP 3000#, Min. 2750#, IR .8 BPM, ISIP 2500#, 5 min. 2500#. Injected thru tubing into Premier, Vacuum & Lovington Perfs 3344-3494' and open hole 3520'-56' 226 bbls. water @ 1500# in 18 hrs. Injected thru 7" Annulus into Loco Hill, Metex, and Sq. Lake perforations 3194-3310' 306 Bbls. water in 24 hrs. completed as a dual water injection well as part of the Accl-West Waterflood System.

RECEIVED

SEP 25 1964

O. C. C.
ARTEBIA, OFFICE

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE District Superintendent

DATE 9-14-64

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Orig & 2cc: OOC, Hobbs
1cc: NFS; cc: file

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.