

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

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 WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection		5. LEASE DESIGNATION AND SERIAL NO. Las Cruces 029435 (b)
2. NAME OF OPERATOR Sinclair Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' from the South line and 1980' from West line Section 8-T178-R31E., Eddy County, New Mexico		8. FARM OR LEASE NAME J. L. Keel "B"
14. PERMIT NO.		9. WELL NO. 29
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3713.1 CR		10. FIELD AND POOL, OR WILDCAT Grayburg - Jackson
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 8-T178-R31E NM PM
		12. COUNTY OR PARISH Eddy
		13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☒ Set 4 1/2" Csg & Complete as NW	X

(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 pertinent to this work.)*

11-12-64 Set 3700' of 4-1/2" casing w/360 sks. Inoc cement plus 4% gel. WOC 24 hours.

11-13-64 Pressure tested casing 1000#, for 30 min, tested O.K.

11-15-64 Jet perforated Metex 2996-3004', Sq. Lake 3032-3044', Premier 3140-45', 3149-53', 3166-70', Vacuum 3227-34', 3238-46', Jackson 3470-81', 3525-34', 3546-50', 3555-58', 3578-84', 3590-3606', 3610-24', 3637-46', 3653-60' w/236 - 3/8" holes.

11-16-64 M.A. wash Jackson perfs. 3656-60', 3637-46' w/500 gal. HDA Max. Press. 2700#, Min. 1850# @ 2.1 BPM. Inst. SIP 1350# in 10 min. SIP 1200#. Acidize Jackson perfs. 3546-50', 3555-58' w/250 gal. HDA Max. Press. 4100#, Min. 2100# @ 1.5 BPM, Inst. SIP 1200#, 10 min. SIP 1100#. Acidize Jackson perfs. 3525-34' w/250 gal. HDA Max. Press. 4500#, Min. 2000#, @ 2.5 BPM, Inst. SIP 1200#, in 10 min. SIP 600#. Acidize Jackson perfs. 3470-81' w/250 gal. HDA, Max. Press 3900# Min. 3200# @ 1.8 BPM, Inst. SIP 1200#, in 10 min. SIP 400#. Acidize Vacuum perfs. 3227-34', 3238-46' w/500 gal. HDA Max. Press. 3000#, Min. 1900# @ 2.4 BPM Inst. SIP 1200#, 10 min. SIP 400#. Acidize Premier perfs 3166-70' w/250 gal. MA Max. Press. 3300#, Min. 2300# @ 1.8 BPM. Inst. SIP 1900#, in 10 min. SIP 1800#. Spot 250 gal. MA over Premier Perfs. 3140-45', 3149-53', could not break w/4800#.

11-18-64 After reperfing 3140-45', 3149-53' w/18 - 1/2" holes spot 250 Gal. MA would not break @ 4800#.

11-19-64 Acidize Sq. Lake perfs. 3032-44' w/250 gal. Max. Press. 2600#, Min. 2000# @ 2BPM Inst. SIP 1600#, in 5 min. SIP Vacuum. M.A. wash Metex perfs 2996-3004' w/250 gal. Max. Press. 2000#, Min. 2000# @ 2.4 BPM. Reset Packer & BP across Sq. Lake & establish communication w/ Metex above. (Continued on Back)

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

SIGNED

TITLE

District Superintendent

DATE

11-20-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
NOV 30 1964
ARTESIA, OFFICE
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Orig: 100, cc: Artesia, cc: RFS, 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.

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Acidize Jackson perfs 3578-84', 3590-3606', 3610-24' w/1000 gal. H₂A and 86 - 7/8" ball sealers, Max. Press. 2000#, Min. 1600#, 2.8 Bbl Inst. SIP 1200, 10 min. SIP. 450#, increase from balls 1600# to 1700# then broke to 1600#.

11-20-64

Run 2-3/8" tubing and Baker Model R Packer to 2948' w/seat nipple 2941'. Injected 327 Bbl. fresh water into Grayburg thru perforations 2996-3660', Max. Press. 220# in 18 hours. Completed as WIW in Keel-West Waterflood Project.