

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy 1
SUBMIT IN 1.1.1. DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 029435 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. L. Keel "A" 1

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

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

7-T173-R31E NM PM

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 WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection
2. NAME OF OPERATOR **SINCLAIR OIL CORPORATION**
Sinclair Oil & Gas Company
3. ADDRESS OF OPERATOR
P. O. Box 1920, Hobbs, New Mexico
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
**1980' from North line and 1980' from the East line of
Section 7-T173-R31E, Eddy County, New Mexico**
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3747 GR

DEC 29 1964
OCT 1 1968
D. C. C.
ARTESIA, OFFICE

Sinclair Oil Corporation Merged
into Atlantic Richfield Company
effective March 4, 1969

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) **Deepening, set 4" Cog, convert to 2" WTW**
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

11-27-64 Move in and rig up Cable Tools, and clean out.

12-1-64 to

12-4-64 Deepen from 3485' to TD 3611'. Gray Lime.

12-16-64 Set 3611' of 4-1/2" OD casing w/325 sts. Inner & 4 1/2 gal & 3/4" GFR2 per sk.
Cement Circulated. WOC 24 hrs.

12-17-64 Bailed hole dry. Set for 1 hr., bail tested dry.

12-17-64 Ran Neutron-collar log. Jet perf. Grayburg Metex 2928-32', 2937-44', Square
Lake 2976-87', Vacuum 3162-3171', Jackson 3388-94', 3407-14', 3450-54', 3475-80',
3485-90', 3497-3502', 3511-16', 3519-24', 3537-42' & 3547-50' w/162 - 3/8" holes.

12-18-64 Acidize Jackson perfs. 3475-80', 3485-90', 3497-3502', 3511-16', 3519-24', 3537-42',
3547-50' w/1000 gal. HDA & 80-7/8" ball sealers. Max. Press. 3000#, Min. 2200#,
4.3 BPM. Inst. SIP 1300#, in 10 min. SIP 1200#. M.A. wash Jackson perfs. 3450-54'
w/150 gal. HDA Max. Press. 4500#, Min. 4000# @ 1.4 BPM. Inst. SIP 3800#, 10 min.
SIP 3800#, Acidize Jackson perfs. 3388-94' and 3407-14' w/250 gal. HDA. Max. Pres
3200#, Min. 3000# @ 3 BPM. Inst. SIP 2300#, 10 min. 1400#. Acidize Vacuum perfs.
3162-3171' w/500 gal. Max. Press. 3400#, Min. 3100# @ 3.5 BPM. Inst. SIP 2000#.
10 min. SIP 750#. MA wash Square Lake perfs. 2976-2987' w/250 gal. Max. Press.
2200#, Min. 2000# @ 5.2 BPM. Inst. SIP 1400#, 10 min. SIP 1100#. MA wash Metex
perfs. 2928-32', 2937-44' w/250 gals. Max. Press. 2400#, Min. 1800#. Inst. SIP
500#, 10 min. SIP 100#.

12-19-64 Inject 350 bbl. fresh water into Grayburg thru perfs. 2928-3500' in 8 hrs. w/
Max. Pressure 1500#. Recompleted as WTW in Keel-West Waterflood Area.

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

SIGNED

TITLE

District Superintendent

DATE

12-21-64

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

Originals: USGS, Artesia

cc: Mr. RFS

cc: file

See Instructions on Reverse Side

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.