

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

5. LEASE DESIGNATION AND SERIAL NO.

LC 029435 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Sinclair Oil & Gas Company	8. FARM OR LEASE NAME W. L. Keel "B"
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico	9. WELL NO. 21
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980 feet from South line and 1980 feet from East line of Section 6-17S-31E	10. FIELD AND POOL, OR WILDCAT Grayburg Jackson
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 6-T17S-R31E NM PM
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3752' GR	12. COUNTY OR PARISH Eddy
	13. STATE New Mexico

RECEIVED

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FEB 28 1966

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

MAR 3 1966

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

O. C. C.
ARTESIA, OFFICE
WATER SHUT-OFF
FRAC TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANSWATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)REPAIRING WELL
ALTERING CASING
ABANDONMENT*Comp.
as WTWRun liner, cement, perf. acidize & 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.)

- 1-28-66 Spot 100 sacks Class "C" Cement Incor, w/94# or 1% Halad 9 thru 2-3/8" tubing from 2463-3472' slurry wt. 14.8#. Ran 734' of 3-1/2" OD 7.7# J-55 to 10 Rd tubing F/liner. WOC 30 hrs. Estimated top of cement @ 2120'. Tested casing to 800# for 30 mins. Tested O.K. Drilled hard & firm cement 2169-2379', drilled cement firm to hard in streaks 2379-2599', drilled hard cement 2599-2737' top of liner, drilled cement inside liner 2737-3470'. Pressured liner 2747-3470' to 2350# for 30 mins. Pressured off 200# in 30 mins.
- 2-7-66 Set C.I. Ret. @ 2665', ran 2-3/8" OD tubing to 2665' and squeezed top of 3-1/2" OD liner @ 2737' w/25 sks. Incor cement plus .7% CFR₂ Max. Press. 4000#. Reversed out 8 sacks. WOC 24 hrs.
- 2-10-66 Drilled out C.I. Retainer @ 2665' and cement to 2790'. Ran packer to 2650' to test top of liner. Pressured casing and liner to 3600# for 30 mins. Tested O.K.
- 2-13-66 Jdt perforated Grayburg (Metex) 2938-42', (Square Lake) 2974-78', (Premier) 3078-84', (Vacuum) 3138-40' and 3148-52', (Lovington) 3215-20', (Jackson) 3362-64', 3382-84', 3412-16', 3436-42', 3452-54' w/82 - 1/4" holes.
- 2-14-66 M.A. washed Grayburg perms. 2974-3454' w/2500 Gals. in 6 Stages Max. Press. 5000#, Min. Press. 1000# Avg. Inj. Rate 2.7 BPM. No indication of communication of zones
- 2-15-66 M.A. washed Grayburg perms. Metex 2938-42' w/250 gals. Max. Press. 2000#, Min. Pressure 800# Avg. 1800# @ 2.2 BPM. Inst. SIP 1000#, 5 mins. SIP 750#.
- 2-16-66 Ran 2-3/8" OD tbgs and packer to 2730', injected 120 bbl. fresh water into perms. 2938-3454' in 10 hrs. @ 170# Press. Completed as WIN in Keel-West Waterflood Area

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

SIGNED

TITLE Superintendent

DATE 2-25-66

(This space for Federal or State office use)

APPROVED BY
SIGNATURES OF APPROVAL IF ANY:

TITLE

DATE

*See Instructions on Reverse Side Originals: USGS Artesia
cc: Regional Office
cc: file