

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TYPE OR REVERSE SIDE

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029435 (a)

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 [] GAS WELL [] OTHER Water Injection Well
2. NAME OF OPERATOR 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 330 feet from South Line and 2310 feet from East Line
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME L. Keel "A"
10. FIELD AND POOL, OR WILDCAT Grayburg Jackson
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-T17S-R31E
12. COUNTY OR PARISH Eddy
13. STATE New Mexico

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

3697' GR

16. MAR 8 1966 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF []
FRACTURE TREAT []
SHOOT OR ACIDIZE []
REPAIR WELL []
(Other) []

- PULL OR ALTER CASING []
MULTIPLE COMPLETE []
ABANDON* []
CHANGE PLANS []

- WATER SHUT-OFF []
FRACTURE TREATMENT []
SHOOTING OR ACIDIZING []
(Other) Re-entering P&A well Complete [X] WTW

- 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.)

2-9-66 Drilled cement from surface to 39'. Circulated mud 39' to 399', drilled to cement stringers 399-443', heavy mud 443-476'. Drilled salt, gyp crystals and cavings 476-1818' top of 5-1/2"OD casing. Drilled cement inside 5-1/2"OD casing @ 1825' and washed and drilled to TD 3547'.
2-21-66 Ran 2-7/8"OD EUE 6.5# J-55 tubing for casing and set @ 3547'. Cemented w/ 698 sacks cement in 2 stages. 1st stage 82 sks. Diamix plus 1% gel slurry wt. 12#, plus 100 sacks Incor plus 4% Gel, wt. 12.8#, around bottom of tubing. 516 sacks 1 to 1 Diamix plus 3% salt plus 4% Gel slurry wt. 12# thru D.V. tool @ 1996'. Did not circulate. WOC 48 hrs. Ran 1" pipe outside 2-7/8" tubing to 630'. Cemented 2-7/8"OD tubing for casing w/50 sacks Class C plus 3% Cal. Chl., waited 2 hrs. and cemented to surface w/125 sacks trinity lite wate. Drilled out plus @ D.V. tool @ 1966', drilled and chased plug to FBTD 3540'. Tested tubing F/casing to 800# for 30 mins. Tested O.K.
2-25-66 Jet perforated Grayburg 3186-3200', 3237-3244', 3340-3350', 3434-3437', 3458-3470', 3484-3492' and 3520-3526' w/110 - 3/8" holes.
2-26-66 Treated Jackson perforated intervals from 3340-3526' w/1100 gals. BDA and Lovington perforated intervals from 3186-3244' w/1000 gals. M.A.
3-2-66 Injected 100 bbls. fresh water into Grayburg thru perforations 3186-3526' in 6 hours. Max. Press. 270#. Completed as Water Injection Well in Keel-West Waterflood Area after re-entering and running 2-7/8" tubing F/casing. Completed effective 3-2-66 as WIW.

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

SIGNED [Signature] TITLE Superintendent DATE 3-3-66

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED MAH 7 1966 RUDOLPH C. BAIER, JR. ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Orig&2cc: USGS Artesia cc: Regional Office cc: file

Vertical stamp: RECEIVED MAR 7 1966 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO