

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(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  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  
1780 feet from the South line and 660 feet from West line of Section 5-17S-R31E

14. PERMIT NO. RECEIVED  
15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
3791' GR

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson

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

5-17S-31E NM PM

12. COUNTY OR PARISH 13. STATE  
Eddy New Mex.

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

MAR 14 1966

NATURE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREATMENT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to WIW <input checked="" type="checkbox"/>	

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.)

2-4-66 Cleaned out frac sand 3300-3355', cement 3355-60'. Drilled C.I. Open Hole Plug @ 3360' and washed to 3611 Total Depth.

2-25-66 Spot 100 sacks Incor Cement plus 1% Halad 9 plus 1% Cal. Chl. Slurry. Wt. 14.8# to preceded by 11 bbl. water. Ran 759' of 3-1/2" OD 7.7# J-55 Non-upset tubing F/liner and hung 2841-3609'. WOC 24 hrs. Run bit, found top of cement @ 2773', drilled soft cement @ 2780' and hard cement 2780-2841' top of liner. Drilled cement inside liner 2841-48' and free to 2893'. Ran 2-3/8" tubing and Model R Facker to 2800' tested casing 2841-3611' and top of liner to 3600# for 30 mins. tested O.K.

2-28-66 Jet perf. Grayburg 3022-26', 3165-70', 3218-20', 3236-40', 3294-96', 3202-04', 3314-18', 3464-66', 3487-89', 3508-10', 3518-20', 3542-46', 3552-54' w/ 54-3/8" holes.

3-1-66 Acidized Jackson perfs. 3542-46', 52', 54', w/2050 gals. BDA Max. Press. 3000#, Min. Press. 2700#. Inst. SIP 2200#, 5 mins. SIP 2000# @ 1.5 BPM. Acidized Jackson perfs. 3508-10' and 18', 20' w/250 gals. BDA Max. Press. 3200#, Min. 2700#, Inst. SIP 2100#, 5 mins. SIP 2000# @ 2 BPM. Acidized Jackson perfs. 3464-66', 87' & 89' w/250 gals. M.A. Max. Press. 2700#, Min. 2300#, Inst. SIP 2150#, 5 mins. SIP 2050#, 2 BPM. Acidized Lovington perfs. 3294-96, 3302-04' and 14' to 18' w/500 gals. MA Max. Press. 3200#, Min. 2700# @ 3 BPM, Inst. SIP 2350#, 5 mins. 2150#. Acidized Vacuum perfs. 3218-20', 36', 40' w/350 gals. BDA Max. Press 3100#, Min. 2700# @ 3 BPM., Inst. SIP 2000#, 5 mins. 800#, (Continued on attached Page #2).

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

SIGNED [Signature] TITLE Superintendent DATE 3-7-66

(This space for Federal or State office use)

APPROVED [Signature] TITLE DATE

APPROVED  
MAR 11 1966  
H. L. BELMONT  
ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

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

Continued from Page #1.

Sinclair Oil & Gas Company

J. L. Keel "B" - Well No. 22 (Grayburg Jackson) Section 5-T17S-R31E, Eddy Co., New Mex.

- 3-2-66 Acidized perfs. 3165-70' Premier w/250 gals. M.A. Max. Press. 2500#, Min. Press. 2100# @ 3 BPM. Inst. SIP 1500#, 5 mins. SIP Off. Acidized perfs. 3022-26' w/250 gals. MA Max. Press. 3000#, Min. Press 1500# @ 4 BPM. Inst. SIP 1700#, 5 mins. 300#.
- 3-3-66 Ran 2-3/8"OD tubing and 5-1/2" packer set @ 2819', seat nipple @ 2814'. Injected 100 bbls. fresh water into Grayburg-Jackson perforations 3022-3554' in 4 hours @ 65# pressure. Converted to Water Injection Well in Keel-West Waterflood Area eff: 3-3-66.

RECEIVED

MAR 14 1966

O. C. C.  
ARTEZIA OFFICE