

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse 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	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Sinclair Oil & Gas Company	8. FARM OR LEASE NAME J. L. Keel "B" Jr 2
ADDRESS OF OPERATOR O. Box 1920, Hobbs, New Mexico	9. WELL NO. 4
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660 feet from South line and 1980 feet from East line	10. FIELD AND POOL, OR WILDCAT Grayburg Jackson
14. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3743' GR	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8-T17S-R31E
	12. COUNTY OR PARISH Eddy
	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

STOP WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐ACIDIZE ☐ABANDON* ☐CHANGE PLANS ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐(Other) Deepen, run liner, perf. & acidize X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. ☐ UNCOMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to work.)4. ☒ COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to work.)

5. Spot 150 sks. Incor cement plus 1% Halad 9 plus 1% Cal. Chl. 2800-3730', ran 410' 2 1/2" OD 9.5# J-55 casing F/liner and hung 2818-3728'. WOC 24 hrs. Temperature
5. Survey indicated top cement @ 2818'. Pressure tested casing and top of liner to 4000' for 30 mins. Tested O.K.
5. Jet perf. Grayburg Jackson 3480-82', 3488-92', 3527-29', 46'-52', 56-58', 72-76', 78-80' 3603-06', 17-24', 52-55', 60-63', 78-82' w/84 3/8" holes. Ran 2-3/8" tubing and packer 3671' tubing 3696', ret. BP 3704', spot 150 gals. BDA could not break perfs. @ 5000#. Reset BP 3674', packer 3645' acidize perfs. 3652-55', 60-63' w/300 gals. BDA Max. Press. 2600#, Min. 2000# @ 2 BPM Inst. SIP 1700#, 5 mins. SIP 1550#. Reset BP 3644', packer 3590' acidize perfs. 3603-06', 17-24' w/500 gals. BDA Max. Press. 3300#, Min. 2100# @ 2.5 BPM Inst. SIP 2800#, 5 mins. 200#. Reset plug 3584' packer 3540' acidized perfs. 3546-52, 56-58' w/750 gals. BDA Max. Press. 3600#, Min. 3050# @ 2.1 BPM Inst. SIP 3000#, 5 mins. SIP 1600#. Reset plug 3539', packer 3500' acidized perfs. 3527-29' w/150 gals. BDA Max. Press. 4200#, Min. 1800# @ 1.6 BPM, Inst. SIP 1700#, 5 mins. SIP 400#. Reset plug 3509', packer 3470', acidized perfs. 3480-82', 88-92' w/250 gals. BDA Max. Press. 3500#, Min. 3100# @ 1.6 BPM Inst. SIP 2700#, 5 mins. SIP 1400#.

(Continued on attached sheet)

I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Superintendent

DATE

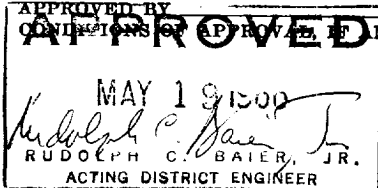
5-17-66

(This space for Federal or State office use)

APPROVED BY
COMMISSIONER OF GEORGE W. BERRY:

TITLE

DATE



*See Instructions on Reverse Side Orig&2cc: USGS, Artesia
cc: Regional Office
cc: file

Item 17 Continued

Sinclair Oil & Gas Company

J. L. Keel "B" Well #4 , Section 8-T17S-R31E Eddy Co., New Mex.

- 5-15-66 Jet perf. Grayburg 3226-38, 3040-50, 3004-12' w/60 3/8" holes. Ran 2-3/8"OD tubing w/packer & B.P. MA wash perfs. w/1500 gals. MA in 3 stages Max. Press. 2200#, Min. 1800# @ 2 BPM Inst. SIP 1600#, 5 mins. 1400#. 1st stage BP @ 3271', packer @ 3217 MA wash perfs. 3226-38' w/500 gals. Max. Press. 2200#, Min. 1800# @ 1.9 BPM Inst. SIP 2000#, 5 mins. SIP 1700#. Reset BP 3061' packer @ 3032' MA wash perfs. 3040-50' w/500 gals. Max. Press. 1900# w/8 bbl. acid out and communicated w/perfs. above. Moved packer 2992' and MA washed perfs. 3004-12' and 3040-50' w/additional 500 gals. Max. Press. 1800# Min. 400#. Reset BP on bottom and set packer @ 3671' spot 250 gals. EDA over perfs. 3678-82' and communicated above packer immediately. Ran 2-3/8"OD tubing and Baker Lok Set packer to 2967', seat nipple @ 2964'.
- 5-16-66 Injected 100 bbls. fresh water into Grayburg thru perfs. 3004-3682' in 3 hours. Max. Press. 110#. Converted as an injection well in Keel-West Waterflood Area, effective 5-16-66.