

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN THE MANNER  
(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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. L. Keel "B" Jr 2

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson

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

8-T17S-R31E

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 &amp; 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 surface660 feet from the South line and 660 feet from the West  
line of Section 8-T17S-R31E NM PM

14. PERMIT NO.

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

3708' GR

## 16. 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) Deepen, run liner, perf. &amp; acidize X

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 perti-  
nent to this work.)\*

3-21-66 Cleanout and drilled from 3482' to 3620' total depth.

to

3-25-66

3-28-66 Spot 140 sacks Incon cement plus 1% Halad 9 plus 1% Cal Chl. slurry Wt. 14.7#. Ran 866' of 4-1/2" CD 9.5# J-55 Casing F/liner and hung @ 2752' to 3618'. WOC 24 hrs. Drilled cement to 2752' top of liner, cement inside liner 2752-62' and washed to 3618'. Pressure tested top of liner to 3100# for 30 mins. Tested O.K.

3-31-66 Jet perforated Grayburg Jackson 2914-26', 3066-72', 3076-80', 3094-3107', 3145-48', 3159-62', 3168-71', 3382-88', 3402-06', 3422-30', 3492-96', 3512-20', 3536-40', 3549-55' w/168-3/8" holes.

4-1-66 Packer set @ 3529', Bridge Plug @ 3583'. M.A. washed Jackson perfs. w/500 gals. BDA Max. Press. 4800#, Min. 1500# @ 3 BPM., Inst. SIP 1100#, 5 mins. SIP 400#. Packer @ 3469', Bridge Plug @ 3523' M.A. washed Jackson perforations w/500 gals. BDA Max. Press. 3600#, Min. 1400# @ 3 BPM. Inst. SIP 950#, 5 mins. SIP 200#. Packer @ 3409', Bridge Plug @ 3463' acidized w/250 gals. BDA Max. Press. 3600#, Min. 2900# @ 1.1 BPM Inst. SIP 2900#, 5 mins. SIP 2200#. Packer @ 3391', Bridge Plug @ 3418' acidized Jackson perfs. 3402-06' w/250 gals. BDA Max. Press. 2300#, Min. 200# @ 3.1 BPM, Inst. SIP 1100#, 5 mins. SIP 300#.

(Continued on Attached Sheet)

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

SIGNED

TITLE

Superintendent

DATE

4-4-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

APR 11 1966  
RUDOLPH C. BAUER, JR.  
ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

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

Sinclair Oil & Gas Company

J. L. Keel "B" Well No. 2

600 feet from the South line and 660 feet from the West line of Sec. 8-T17S-R31E NM PM  
Eddy County, New Mexico

Packer @ 3359', bridge plug @ 3398' acidized Jackson perforations 3382-88' w/250 gals.  
BDA Max. Press. 3500#, Min. 400# @ 2.6 BPM. Inst. SIP 1000#, 5 mins. SIP 400#.  
Packer @ 3123', bridge plug @ 3187' acidized vacuum perfs. 3145-48', 3159-62' & 3168-71'  
w/500 gals. BDA Max. Press. 3400#, Min. 2600# @ 1.6 BPM, Inst. SIP 2500#, 5 mins. SIP  
2100#. Packer @ 3086', bridge plug @ 3112' acidized Premier perfs. 3094-3107' w/250 gals.  
MA Max. Press. 3400# Min. 1200# @ 3.1 BPM, Inst. SIP 1100#, 5 mins. SIP 300#.  
Packer @ 3043', bridge plug @ 3087' acidized Premier Perfs. 3066-72' and 3076-80' w/250  
gals. MA Max. Press. 2600#, Min. 1200# @ 3 BPM, Inst. SIP 800#, 5 mins. SIP 100#.  
Packer @ 2899', bridge plug @ 2943' acidized Metex perfs. 2914-26' w/500 gals. MA Max. Press.  
2450#, Min. 1300# @ 3.4 BPM. Inst. SIP 1800#, Vacuum 3".  
4-3-66

Ran 2-3/8"OD tubing and Model "R" Packer to 2847', seat nipple @ 2842' and injected  
100 bbls. water into Grayburg thru perfs. 2914-3555' in 6 hours Max. Press. 260#.  
Converted to Water Injection Well in Keel-West Waterflood Area.

RECEIVED

APR 11 1966

J. L. KEEL  
E. L. KEEL