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NEW MEXICO OIL CONSERVATION COMMISSION

Orig²cc: CCC Hobbs
cc: State Land Office
cc: West Texas Region
cc: file

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

JUL 27 1966

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1505	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sinclair Oil & Gas Company	8. Farm or Lease Name State 182 "A"
3. Address of Operator P. O. Box 1920, Hobbs, New Mexico	9. Well No. 3
4. Location of Well UNIT LETTER <u>N</u> <u>1959.54</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>31</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Lovington Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3810' GR	12. County Lea

16.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

5-17-66 Set ret. w/flapper valve @ 8100'. Pressure annulus to 800# O.K. Pumped 10 bbls. to water into formation 8136-8232' @ 0#. Squeeze Abo perms. 8136-8232' w/100 sks. Max. Press. 4000#. Would not hold. Clear perms. w/10 bbl. water. WOC 8 hrs. start squeeze w/100 sks. Cement, developed communication w/12 sks., reverse out cement. Pull out of ret., valve not holding, land tubing in ret. and squeeze perms. w/60 sks. Max. Press. 4000#. Reversed out 28 sks. WOC 24 hrs. Drilled ret. @ 8101' to 8103' and cement to 8243'. Press. tested perms. 8136-8232' to 1500# for 20 mins. Tested. O.K.

5-21-66 Drill cement to 8243', pressure test perforations 8136-8232' to 1500# for 20 mins. Tested OK. Drill ret. @ 8243' and cement to 8285', wash to 8305'. Jet perf. Abo

5-23-66 for block squeeze @ 8250' w/4 1/2" holes. Set C.I. ret. @ 8236'. Spot 250 gals. acid 15% followed by 6 BW & 6 Sbls. soda ash, pumped into formation @ 3000#, 1/2BPM. Squeezed Abo perms. @ 8250' w/75 sks. Incor Class C plus 1.5% Flac plus 1% Cal. Chl. Max. Press. 2000#, communicated w/annulus above packer, locked up @ 2000# w/27 sks. in formation. Pulled tubing from ret. & spotted 10 sks. cement on top of retainer. Raise tubing to 8150' and reverse out 38 sks. cement WOC 24 hrs. Pressure tested perms. 8136-8232' and ret. @ 8237' w/1500# for 30 mins. Tested OK.

(Continued on Sheet #1 attached)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED

TITLE Superintendent

DATE 7-27-66

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

New Mexico Oil Conservation Commission Report
Form G-103

Sinclair Oil & Gas Company
P. O. Box 1920, Hobbs, New Mexico

State 182 "A" - Well No. 3
Unit Letter N, 1959.54' fr the West line and 660' fr the South line of Sec. 31-T16S-R37E
Lea County., New Mexico.

- 5-24-66 Jet perforated 5-1/2"OD Csg @ 8110' w/4 holes for block squeeze. Acidized casing
to perforations @ 8110' w/250 gals. 15% acid followed by 6 bbls. water plus 6 bbls.
5-28-66 soda ash. Max. Press. 5000#, Min. 4000# @ 2 BPM. Inst. SIP 3000#, 5 mins. SIP 0#. Set C.I. plug @ 8124', 1 sack cement to 8119', set Model K C.I. ret. @ 3096'. Acidize squeeze perfs. @ 8110' w/1000 gals. acid Max. Press. 4000#, Min. 2600# @ 3 BPM. Squeeze Abo perfs. @ 8110' w/150 sks. Incor cement plus 15% D60 (Flac) plus 1% Cal. Chl. slurry wt. 14.8# w/radio active material, squeeze pressure 2000#, reversed out 25 sks. 100 sks. in formation @ 4000# pressure 3/4 bbl. min. WOC 24 hrs. Press. test perfs. @ 8110' to 1000# for 30 mins. Tested OK. Drill cement and ret. @ 8098', cement to 8124' and C.I. plug @ 8125', cement to 8236'.
- 5-29-66 Jet perf. Abo 8197-8204' w/28-3/8" Jets. M.A. wash perfs. w/250 gals. Max. Press. 0#,
to finish on vacuum. Acidize Abo perfs. 8197'-8204' w/500 gals. 15% NE acid Max. Press.
6-28-66 2750#, Min. 2400# @ .5 BPM, Inst. SIP 2600#, 10 mins. SIP vacuum. Pumped Abo perfs. 8197-8204' 135 BFW and show oil & gas in 24 hrs. Squeeze Abo perfs. 8197-8204' w/35 bbls. PWG slurry w/silica flour wt. 14.6# Max. Press. 6200#, pump in 1-1/2 bbls. min. @ 4800#, reversed out 14 bbls. Drilled firm, spongy PWG material 8031-8175'. Tested casing to 1000# for 45 mins. Tested. OK. Jet perf. Abo 8136-54' w/36-3/8" holes. M.A. washed perfs. 8136-54' w/250 gals. Max. Press. 4500#, Min. 2500# @ 1/4 BPM, Inst. SIP 2500#, 5 mins. SIP 500#, 12mins. SIP 0#. Pumped Abo perfs. 8136-54' 143 BFW, no oil in 24 hours.
- 6-29-66 Squeezed Abo perfs. 8136-54' w/125 sks. Incor Class C cement w/3/4 of 1% CFR, plus
to 10# salt per. sack Max. Press 6000#, reversed out 50 sks. Cast Iron ret. @ 3090'. WOC
7-15-66 24 hrs. Drilled ret. @ 8090' and cement to 8122'. Test perfs. @ 8110' 1000# for 30 mins. Tested OK. Pressure tested Abo perfs. 8136-54' to 1000# for 20 mins., 8197-8204', 8250', 8255-81' w/1000# for 20 mins. tested separately. OK. Drilled retainer @ 8305' and C.O. to 8325'. Jet Perf. Abo 8310-8320' w/20-3/8" holes. M.A. wash 8310-20' w/500 gals. Max. Press. 900#, Min. vacuum, finished on vacuum.
- 7-16-66 Pumped Abo perfs. 8310-20' 140 BFW, no oil in 24 hours. Shut-in.