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NEW MEXICO OIL CONSERVATION COMMISSION

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

JUL 22 11 03 AM '66

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.
- -

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 ☐ GAS WELL ☐ OTHER- **Drilling**

7. Unit Agreement Name
- -

2. Name of Operator
G. W. Strake

8. Farm or Lease Name
D. H. Crockett, et al

3. Address of Operator
511 Midland Tower, Midland, Texas

9. Well No.
1

4. Location of Well
UNIT LETTER **L**, **1980** FEET FROM THE **South** LINE AND **660** FEET FROM THE **West** LINE, SECTION **30** TOWNSHIP **9S** RANGE **35E** NMPM.

10. Field and Pool, or Wildcat
Undesignated

15. Elevation *(Show whether DF, RT, GR, etc.)*
4174 GR

12. County
Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☒	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

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 1103.

See attached sheet for details of work performed.

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

SIGNED **C. E. Mote** TITLE **Gen. Supt.** DATE **7-20-66**

APPROVAL, IF ANY: **Joe D. Ramey** TITLE _____ DATE _____

D. H. Crockett et al #1 (Form C-103)

5-1 to 6-3-66 Drilled 7-7/8" hole from 4196' KDB to total depth of 9796' KDB and ran Schlumberger logs.

Ran following drillstem tests:

5-7-66 DST #1: 4745'-4862' (San Andres). Tool open 1 hour with strong blow throughout test. Recovered 12' free oil and 660' drilling water. BHFP: 71#-358#, 1 hour FBHSP: 1516#, Hyd.: 2140#-2115#.

6-3-66 DST #2: 9707'-9772' (Bough "C"). Tool open 2 hours 10 minutes with weak blow throughout test. Recovered 2500' water cushion and 95' drilling mud with no shows. BHFP: 1109#-1246#, 65 minute IBHSP: 3647#, 60 minute FBHSP: 3557#.

6-4-66 DST #3: 9750'-9796' (Bough "D"). Tool open 1 hour with strong blow and decreasing throughout test. Recovered 2500' water cushion and 5500' salt water. BHFP: 2366#-3655#, 60 minute IBHSP: 3678#, 60 minute FBHSP: 3655#, Hyd.: 5351#-5328#.

6-6-66 Received verbal approval from Mr. Joe D. Ramey to plug back as follows:

25 sacks of cement from 9796'-9712' KDB (Bough zones),
25 sacks of cement from 7900'-7616' KDB (Abo zone)
50 sacks of cement with 2% calcium chloride from 5168'-5039' KDB.

6-7-66 Ran 1000' of 5-1/2" OD 15.5# J-55 casing as a liner for attempted completion in San Andres. Set liner at 5037' with top of hanger at 4028' inside 8-5/8" casing, cemented 5-1/2" liner with 300 sacks of Incor cement mixed with 2% gel and 8# salt per sack. Drilled out cement inside liner to 4895' KDB.

6-8-66 Ran Schlumberger Cement Bond Log which indicated excellent cement bond from 4895' to 4825' and poor bond from 4825' to 4330' and no cement from 4330' to top of liner. Tested liner with 2000# for 30 minutes with no loss in pressure. Perforated 2 holes at 4820'. Set tool and squeezed with 100 sacks Incor cement, with 2% gel and 8# salt per sack. Maximum squeeze pressure 4000#. Displaced 75 sacks of cement, reversed out 23 sacks and left 2 sack plug at 4810'.

6-9-66 Ran second Cement Bond Log and found excellent bond from 4820'-4752' KDB. Perforated 2 holes at 4745' KDB and squeezed with 50 sacks of Incor cement, 2% gel and 8# salt per sack. Maximum squeeze pressure 4000#. Displaced 36 sacks and reversed out 12 sacks. Tested top of 8-5/8" liner with 2000# for 30 minutes with no loss in pressure. Drilled cement from inside 5-1/2" liner to 4900' KDB.

6/10-12/66 Perforated lower San Andres from 4830'-4848' with 12 jets. Acidized with 2000 gallons of mud acid. Swab tested at rate of 14 barrels of salty sulphur water per hour with slight show of oil. Squeezed off perforations with 50 sacks of Incor cement. Displaced 40 sacks in formation and reversed out 9 sacks.

6/13-14/66 Re-squeezed San Andres perforations from 4830'-4848' with 50 sacks of Incor cement. Displaced 35 sacks into formation and reversed out 14 sacks. Left 1 sack plug at 4827'. Tested squeeze with 4000# for 30 minutes with no loss in pressure. Perforated second zone in San Andres from 4795'-4816' KDB with 12 jets. Acidized with 2000 gallons of mud acid. Swab tested well for 21 hours recovering approximately 71 barrels of salt water and 7 barrels of oil.

6/15-16/66 Set bridge plug at 4780' with 6' of cement on top. Tested with 2200# for 30 minutes with no loss in pressure. Perforated from 4746'-4766' (San Andres) with 12 jets. Acidized with 2000 gallons of mud acid. Swab tested well for 9 hours recovering 54 barrels of salt water and 2 barrels of oil.

Circulated hole with 10.0# mud. Spotted 25 sack cement plug from 4774' to 4548' KDB.

7-18-66 Shot 8-5/8" casing at 1233 feet and pulled 29 jts., 1221 feet of 8-5/8" 24#, J-55, R-3 8Rd. thd. casing. (Top of Anhydrite & Salt: 2162')

7-19-66 Completed plugging well as follows through 2-3/8" tubing:
25 sack cement plug from 1262' to 1211'
25 sack cement plug from 393' to 361'
10 sack cement plug in top of 12-3/4" Surface Casing.
Set Steel Dry Hole Marker.

Pits will be filled and location levelled and cleared of junk as soon as pits are dry.