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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-4182	

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
Skelly Oil Company	Sun 2 State
3. Address of Operator	9. Well No.
P. O. Box 1351, Midland, Texas 79701	1
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER D 960 FEET FROM THE North LINE AND 760 FEET FROM	Undesignated
THE West LINE, SECTION 2 TOWNSHIP 17S RANGE 33E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
4180' DF	Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER Drill to TD & set 5-1/2" OD casing <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) SEE RULE 1103.

- 1) Drilled 7-7/8" hole to 11,508'.
- 2) Ran DST No. 1 (Cisco) 11,430-11,508', 3/8" top choke and 3/4" bottom choke. Loaded hole with 2500' fresh water blanket. Opened 20 minutes on initial test, fair to weak blow throughout test. IFP 1332-1400#. Shut in 1 hour. ISIP 1400-5302#. Opened 1 hour for final flow, very weak blow, dead in 30 minutes, no gas to surface. FFP 1423-1513#. Shut in 1-1/2 hours. FSIP 1513-4729#. Recovered 2500' fresh water blanket, 120' of 40.3° corrected gravity oil, 903' of gas cut mud, sample chamber contained 3.6 cubic feet of gas and 1700 cc of oil with a trace of mud. IHP 5894#. FHP 5762#.
- 3) Drilled 7-7/8" hole to 11,700'.
- 4) Ran DST No. 2 (Canyon) 11,646-11,700', 1/4" top choke and 3/4" bottom choke. Loaded hole with 2700' fresh water blanket. Opened 20 minutes on initial flow, good blow immediately and continued throughout test. IFP 2068-1611#. Shut in 1 hour. ISIP 1611-3433#. Opened 1 hour for final flow, good blow immediately, gas to surface in 20 minutes. FFP 1954-2273#. Shut in 2 hours. FSIP 2273-3297#. IHP 5972#, FHP 5927#. BHT 150°. Recovered 2700' fresh water blanket, 90' of drilling mud, and 1638' (19 bbls.) of oil.
- 5) Drilled 7-7/8" hole to 11,725' TD. Reached TD 2:45 A.M. 4-28-73.

(Continued on Page 2)

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

(Signed) **D. R. Crow** **D. R. Crow** TITLE **Lead Clerk** DATE **May 2, 1973**

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

- 6) Ran BHC Accoustic Log from 11,722' to surface, Sidewall Neutron and Dual Induction Log from 11,722' to 4536', Compensated Density and Minilog from 11,723' to 9000' and 6000' to 4536'.
- 7) Ran a total of 229 joints (11,715') of 5-1/2" OD 17# and 20# Condition "A" casing set at 11,725' as follows:

38 joints (1541') of 17# Buttress Thread from surface to 1551'.
194 joints (8166') of 17# 8RD Thread from 1551' to 9717'.
47 joints (2008') of 20# 8RD Thread from 9717' to 11,725'.

Halliburton guide shoe set at 11,725'. Float Collar set at 11,682'.
Centralizers set at 11,700', 11,639', 11,596', 11,552', and 11,513'.
Cemented with 250 sacks of Class "H" cement containing 10# salt and 2/10 of 1X R-5 retarder per sack. Temperature survey indicated top of cement behind 5-1/2" OD casing at 10,450'.

Sun 3 State
 Well No. 1
 May 3, 1973
 Page 2

- 6) Run SBC Acoustic Log from 11,732' to surface, Sidewall Neutron and Dual Induction Log from 11,732' to 4538', Compensated Density and Mining from 11,732' to 9000' and 8000' to 4538'.
- 7) Run a total of 229 joints (11,715') of 2-1/2" OD 1 1/4 and 2 3/4 Condition "A" casing set at 11,732' as follows:

38 joints (1541') of 1 1/4 Butress Thread from surface to 1521'.
 194 joints (8166') of 1 1/4 STD Thread from 1521' to 9717'.
 47 joints (2008') of 2 3/4 STD Thread from 9717' to 11,732'.

Halliburton guide shoe set at 11,732'. Float Collar set at 11,732'.
 Centralizers set at 11,700', 11,639', 11,596', 11,552', and 11,513'.
 Cemented with 250 sacks of Class "H" cement containing 10% salt and 2 1/2% of 15 R-1 retarder per sack. Temperature survey indicated top of cement behind 2-1/2" OD casing at 10,450'.