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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Skelly Oil Company				Address Box 730 - Hobbs, New Mexico			
Lease West Jal "B"	Well No. 1	Unit Letter "J"	Section 17	Township 25-S	Range 36-E		
Date Work Performed April 15 thru June 27, 1964	Pool West Jal Strawn Gas Pool			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☒ Other (Explain): **Set Liner, Perforating & Treating**
- ☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Set 267 joints (11,284') of 7" OD 26# 8-R P-110 R-3 LT&C casing at 11,306' and cemented with 370 sacks by the Pump & Plug Process. Plug down at 6:30 PM April 15, 1964. WOC 24 hours. Pressured up to 2500# for 30 mins. and casing tested OK. Drilled out cement plug and pressured up to 2500# for 30 mins. and casing shut off tested OK. Went in hole and started drilling 6-1/8" hole below 7" OD casing. We reached Total Depth of 12,275' on May 16, 1964.

Set 29 joints (1,208') of new 5" OD 18# N-80 Extreme Line casing at 12,273' and cemented liner with 200 sacks of cement. Top of liner at 11,065' with tie back sleeve from 11,065' to 11,071'. Completed cementing at 5:00 AM May 20, 1964. WOC 24 hours. Drilled and cleaned out cement to 12,228'. PSTD 12,228'. Tested 5" OD liner at 11,065' with 7,000 psi. No pressure loss.

Perforated 5" OD casing liner 12,009'-12,013', 12,015'-12,016', 12,019'-12,027', and 12,087'-12,090' for a total of 16' and 32 holes. Treated through 5" OD liner perfs. 12,009'-12,090' (intervals) with 1,000 gallons Mud Acid mixed with 15 bbls. CO2 gas. Tested well

SEE REVERSE SIDE

Witnessed by Mr. Bob Calhoen	Position Area Foreman	Company Skelly Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

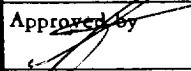
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by 	Name (ORIGINAL) H. E. Aab
Title Dist. Supt.	Position Dist. Supt.
Date June 27, 1964	Company Skelly Oil Company

several hours and gas tested 2.5 MCFFD with approximately 2 barrels condensate hourly.
Treated through 5" OD liner ports. 12,009'-12,090' (intervals) with 5,000 gallons of
Dowell "X" acid mixed with 84 bbls. CO2 gas. Tested well 24 hours and gas tested
5,500 MCFFD and approximately 120 bbls. condensate. Loaded tubing with 13.2# mud and
killed well. Perforated 5" OD liner from 11,959'-11,965' for a total of 6' and 12 holes.
Ran Baker Retrievable Bridge Plug and set at 11,994' and Halliburton "RTTS" Packer set at
11,904'. Treated through 5" OD liner ports. 11,959'-11,965' with 1,000 gallons mud acid
mixed with 44 bbls. CO2. Tested 9 hours with gas volume 7,000 MCFFD and 80 bbls. of
condensate. Loaded tubing with 13.2# mud and killed well. Unseated Halliburton "RTTS"
Packer and flashed out bridge plug at 11,994'. Circulated hole for 2-1/2 hours.
Perforated 5" OD casing liner from 11,771'-11,778' for a total of 7' and 14 holes. Ran
Baker Bridge Plug and set at 11,811' and "RTTS" Packer set at 11,721'. Treated through
5" OD liner ports. 11,771'-11,778' with 1,000 gallons mud acid mixed with 44 bbls. CO2
gas. Tested well and pressure bled to 20 psi. In 2 hours. Gas 153M. Treated through
5" OD liner ports. 11,771'-11,778' with 5,000 gallons Dowell "X" acid mixed with 84 bbls.
CO2 gas. Tested well for approximately 10 hours with gas volume 192 MCFFD and 2 bbls. of
condensate. Next 2 hours tested through LTX Unit, 22/64" choke with gas volume 191 MCFFD
and no condensate. Loaded tubing with 13.2# mud and killed well. Unseated Halliburton
"RTTS" Packer, lowered tubing, and flashed out Baker Bridge Plug set at 11,811'.
Perforated 5" OD liner from 11,684'-11,689' for a total of 5' and 10 holes. Set Bridge
Plug at 11,720' and "RTTS" Packer at 11,630'. Treated through 5" OD liner ports. 11,684'-
11,689' with 1,000 gallons mud acid mixed with 44 bbls. CO2 gas. Flowed 3 hours to pits
to clean up CO2 gas and acid water, flowing 1P. 100 psi. Gas volume measured 30 MCFFD and
no condensate. Treated through 5" OD liner ports. 11,684'-11,689' with 5,000 gallons
Dowell "X" acid mixed with 82 bbls. CO2 gas. Flowed 14 hours to pits with estimated gas
volume of 15 MCFFD and no condensate. Loaded tubing with 13.2# mud and killed well.
Unseated Halliburton "RTTS" Packer at 11,630'. Flashed out Bridge Plug at 11,720'.
Set Baker Model "D" Production Packer at 11,905'. Ran 2-3/8" OD tubing and latched into
Baker Model "D" Production Packer at 11,905'.

Took Multi-Point Back Pressure Test. Absolute Potential 11,250 MCFFD. SITP 6001#.

For details of Multi-Point Back Pressure Test see New Mexico Oil Conservation Commission
Form No. C-122 showing test of June 16 thru June 26, 1964.

GOR 47,584-L.