

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 Caulkins Oil Company			Address Box 780, Farmington, New Mexico			
Lease State "A"	Well No. D-268	Unit Letter F	Section 16	Township 26N	Range 6W	
Date Work Performed 10-19 to 12-4-60	Pool South Blanco Dakota			County Rio Arriba		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Well Recompletion after remedial work.**
- ☐ Plugging
 ☐ Remedial Work

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

Leaks in casing were discovered at 4430', 5892' and 6421'. All leaks were repaired by cement squeeze jobs and tested satisfactorily.
10-19 -60- Found top of cement @ 6709' and drilled out to top of 4 1/2" liner at 6739'. Tested casing w/3500#. Held ok. Drilled out cement to 7350.
10-25 - Ran Schlumberger gauge ring in 4 1/2" liner and ran PDC and cement top log. Perforated 7304-26 1/2' w/4 jets per foot.
10-26 - Unloaded well w/gas. Gas too small to measure. Treated w/4000 gal. Halliburton mud flush. BDP-1900#, TP 1900-1400-2000-1600# pumping 1 BPM.
10-27 - Unloaded water and mud flush w/gas. gas TSTM.
10-28 - Frac'd 7304-26 1/2' w/40,000# 40-60 sand, 20,000# 20-40 sand and 72,014 gal. water. Water contained 1200# WAC-8 fluid loss additive and 50 sacks calcium chloride.
BDP 2400-2300# ISIP 2400#
TP 2300-3050-2900# AIR 36 BPM

(over)

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 6496 GL	TD 7637	P BTD 7338	Producing Interval 7095-7365	Completion Date 2-2-61
Tubing Diameter 2 7/8"	Tubing Depth 6950'	Oil String Diameter 7"	Oil String Depth 7120'	
Perforated Interval(s) None				

Open Hole Interval 7120-7637	Producing Formation(s) Dakota
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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	7-7-60		300			191-Deliverable
After Workover	11-17-60	14	747	5		No test yet

OIL CONSERVATION COMMISSION

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

Approved by Original Signed Emery C. Arnold	Name <i>Frank Gray</i>
Title Supervisor Dist. # 3	Position Field Superintendent
Date DEC 8 1960	Company Caulkins Oil Company

Bridge plug set at 7285'. Perforated 6 jets per ft. 7234-44'. Could not break down to frac. Could pump into perfor 3 BPM # 3500#. Perforated 7104-54 w/2 jets per foot. Frac'd w/80,000# 40-60 sand, 40,000# 20-40 sand and 114,240 gal. water. Water contained 2000# WAC-8 and 100 sacks cal. oiler.

BDF 2600-1850

TP 1850-2850-2100

IRF 2300

40 rubber balls were used after 90,000# sand.

AIR 49.1 BPM

Pressure decreased 2300# to 800# in 3 hrs. Released pressure. Found top of sand at 7130'. Cleaned out with conventional circulation. 10-29 - Drilled out bridge plug at 7285 and cleaned out to 7350'. Ran 2 3/8" tubing with pin collar on the bottom to 7285'.

10-30 - Swabbed well with drilling gas tied into casing. Well unloaded through casing and tubing.

11-17 - Gas volume 747 MCFD plus 14 bbls oil and 5 bbls water.

11-21 - Moved in completion rig and cleaned out to 7350'.

11-25 - Set packer at 7276'. Gas gauged 291 MCFD from perfor 7304-267', and 372 MCFD from perfor 7104-54' after flowing 4 hours.

11-28 - Hydrat jet slotted 7310-20'. Oriented on casing collar @ 7298'.

11-29 - Set packer @ 7281'. Swabbed fluid from tubing. Gas TSTM.

12-1 - Pumped 500 gal. tem gel into formation overfilling 1.7 bbls. Lot tem gel set 30 min. Formation would then take fluid 1 BPM @ 3700#.

ISIP - 2700#.

Frac'd w/30,000# 40-60 sand and 43,470 gal. water treated w/550 gal. WAC-8 and 40 gal. mortar. Flushed with 1890 gal. water.

BDF 6000-3400

TP 6000-5150-5900

ISIP 4100

AIR 11.3 BPM

After frac, pressure decreased from 4100 to 650# in 8 hours. Released packer and cleaned out sand to 7290'. Pulled packer. 12-3 - Ran 2 3/8" OD EUE 8R, 4.70#, J-55, SMS tubing to 7301.

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OIL CONSERVATION COMMISSION	
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