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4 NMOC, 1 Redfern, 1 Pioneer, 1 File

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 <b>Redfern and Herd, Inc.</b>				Address <b>Box 1747, Midland, Texas</b>			
Lease <b>Salmon</b>		Well No. <b>1</b>	Unit Letter <b>P</b>	Section <b>30</b>	Township <b>29N</b>	Range <b>11W</b>	
Date Work Performed		Pool <b>Basin - Dakota</b>			County <b>San Juan</b>		

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input checked="" type="checkbox"/> Other (Explain): <b>Frac Information</b>
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

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

Ran gamma ray correlation log, ran simultaneous nuclear log to pick cement top. Bottom of cement 6022 - top of cement 5036. Pressure tested csg, pump into casing through shoe 2 BPM at 3200 psi - set Baker C.I. bridge plug at 6100 - pressure tested csg to 4000 psi held OK. Perf 2 jets per ft 5966-5984. Frac with Western five frac masters, 40,000# 20-40 sand, 2500 gal water to B.D., 47,400 gal water to frac, 5,200 gal water to flush. Total fluid used 55,100 gal with 7# J-2 friction reducing agent per 1,000 gal. B.D. 2100 psi, I.F. 3000 psi, Min 2500 psi, Ave 2600 psi, Final 2650 psi, Instant Shut In 1500 psi, 5 minute shut in 1300 psi, ave I.R. 33.6 BPM. Set Baker mag. Bridge Plug at 5950. Perf 5896-5908 and 5912-5916 with 2 jets per ft. Frac with five frac masters, 30,000# 20-40 sand, 800 gal water to B.D., 35,000 gal water to frac, 4,000 gal water to flush. Total fluid used 39,800 gal with 7# J-2 friction reducing agent per 1,000 gal. Breakdown 1600 psi, I.F. 3000 psi, Av. 2800 psi, Min 2700 psi, Final 2950 psi, Instant Shut-in 1800 psi, 5 minute shut-in 1500 psi, Ave I.R. 33.1 BPM. Drilled bridge plug at 5950', cleaned out to 6100'.

Witnessed by <b>T. A. Dugan</b>	Position <b>Engineer</b>	Company <b>Redfern and Herd, Inc.</b>
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA			
Depth Elev. <b>5362 G.L.</b>	T D <b>6340</b>	P BTD <b>6106</b>	Producing Interval <b>5966-5984, 5896-5908, 5912-5916</b>
Completion Date <b>10-15-62</b>			
Tubing Diameter <b>1 1/4"</b>	Tubing Depth <b>5978</b>	Oil String Diameter	Oil String Depth
Perforated Interval(s) <b>5966-5984, 5896-5908, 5912-5916</b>		Producing Formation(s) <b>Dakota</b>	

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 <b>Original Signed By A. R. KENDRICK</b>	Name <b>Original signed by T. A. Dugan</b>		
Title <b>PETROLEUM ENGINEER DIST. NO. 3</b>	Position <b>Consulting Engineer</b>		
Date <b>DEC 14 1962</b>	Company <b>Redfern and Herd, Inc.</b>		

