

1 Redfern & Herd
1 Christman
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)

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Name of Company Redfern & Herd, Inc.		Address Box 1747, Midland, Texas				
Lease Airport	Well No. 1	Unit Letter A	Section 8	Township 29N	Range 13W	
Date Work Performed 9-15-61 to 9-29-61	Pool Basin Dakota	County San Juan				

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work **Completion**

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

Rigged up. Picked up 2 3/8" O.D. tubing. Pressure tested casing to 4000 psi - held o.k. Spotted 250 gal 10% MSA acid. Pulled out of hole - ran Gamma Ray Correlation Log - ran gauge ring. Perforated with Lane Wells - 2 super dyna jet shots per foot; 5947-41', 5882-70' and 5855-44'. PBTB 5970'. Fraced with Halliburton - 2 H.T. 400 Trucks - 40,000# 20-40 Sd, 20 rubber balls, 1200 gal water to load and break down, 36,800 gal water to frac, 5,250 gal water to flush. Total fluid used 43,050 gal with 15# WAC - 8 per 1000 gal. Break-down pressure 3,050 psi, I.F. 2750 psi, Av. 2500 psi, Max 4000 psi, Min 2250 psi, final 3800 psi. Instant shut-in 1400 psi, 5-min. shut-in 1000 psi, drop 10 balls - pressure increased 2550-2600 psi - drop second set 10 balls - pressure increased 2700 to 3900 psi. Pressure decreased to 3700 psi. Completed job. Average treating I.R. 29.3 BPM, Ave. Flush I.R. 19.0 BPM, Ave. overall I.R. 27.3 BPM. Set Baker Magnesium Bridge Plug at 5814'. Perforated with Lane Wells - 2 super Dyna jets per foot - 5784-70', frac with Halliburton 2 HT 400 trucks - 40,000# 20-40 Sd, 500 gal water to breakdown, 41,893 gal water to frac, 3100 gal water to flush. Total fluid used 44,993 gal water with 15# WAC, 8 per 1000 gal - I.F. 2800 psi, Min 2500 psi, Max 4000 psi, final 4000 psi. Frac sanded off with 1500# sand in casing. (over)

Witnessed by T. A. Dugan	Position Engineer	Company Redfern & Herd, Inc.
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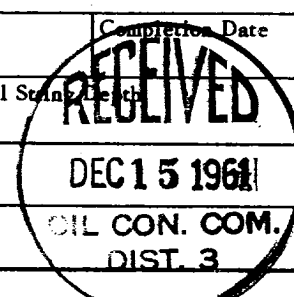
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

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 Original Signed By A. R. KENDRICK		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by A. R. KENDRICK		Name Original signed by T. A. Dugan	
Title PETROLEUM ENGINEER DIST. NO. 3 Original Signed By A. R. KENDRICK		Position Engineer	
Date DEC 15 1961		Company Redfern & Herd	



Drilling account(continued)

Ave. treating I.R. 30 BPM, Ave. Flush I.R. 20 BPM, Ave. overall I.R. 28.6 BPM. Flowed well back - went in hole with tubing and bit. Drilled bridge plug at 5814', cleaned out to 5970' - circulated hole clean. Laid down 2 3/8" O.D. tubing - Picked up 1 1/4" O.D. tubing - hit sand at 5840'. PSTD 5970', circulated sand out of hole with 1 1/4" tubing - cleaned out to 5970'. Ran 180 joints 1 1/4" O.D. 24# J-50 10R EUE Jalcon tubing. T.E. 5867.39 set at 5878'. Snubbed well in. Released rig 8 a.m. 10-15-61^F