

## 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>SOUTHERN UNION PRODUCTION COMPANY</b>				Address <b>P.O. Box 808, FARMINGTON, NEW MEXICO</b>			
Lease <b>STATE</b>		Well No. <b>2-16</b>	Unit Letter <b>W#</b>	Section <b>16</b>	Township <b>28 NORTH</b>	Range <b>9 WEST</b>	
Date Work Performed <b>12-31-63</b>		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>SUPPLEMENTARY WELL HISTORY</b>			
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work					
Detailed account of work done, nature and quantity of materials used, and results obtained.							
<p>1. DRILLED TO TOTAL DEPTH OF 7143 FT. R.K.B. WITH MUD.</p> <p>2. RAN 230 JTS. 4 1/2", 24.0#, J-55 CASING. LANDED AT 7143 FT. R.K.B. FLOAT COLLAR SET AT 7121, STAGE COLLARS AT 5211 &amp; 2700 FT. R.K.B.</p> <p>3. CEMENT 1ST STAGE W/250 CU.FT. 50-50 POZMIX W/6% GEL, 5# SALT, 12 1/2# GILSONITE, PER SK &amp; 150 CU.FT. 50-50 POZMIX CLASS A W/2% GEL, 5# SALT, 12 1/2# GILSONITE &amp; 1/2% T.I.C./SK. PLUG DOWN 9:05 A.M. 1-1-64.</p> <p>4. OPEN STAGE COLLAR &amp; CEMENT 2ND STAGE W/200 CU.FT. CLASS C, 40% DIACEL D, 12 1/2# GILSONITE &amp; 1/2% T.I.C./SK &amp; 200 CU.FT. CLASS C, 20% DIACEL D, 12 1/2# GILSONITE &amp; 1/2% T.I.C./SK. PLUG DOWN 10:05 A.M. 1-1-64.</p> <p>OPEN STAGE COLLAR AT 2700 FT. CEMENT 3RD STAGE W/900 CU.FT. 40% DIACEL D, CLASS C W/12 1/2# GILSONITE &amp; 4% C.C./SK. PLUG DOWN 4:00 P.M. 1-1-64.</p> <p>( OVER )</p>							
Witnessed by		Position		Company			
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.		T D		P BTD		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 <b>Original Signed Emery C. Arnold</b>				Name <b>D. G. MACY</b>			
Title <b>Supervisor Dist. # 3</b>				Position <b>PETROLEUM ENGINEER</b>			
Date <b>FEB 5 1964</b>				Company <b>SOUTHERN UNION PRODUCTION COMPANY</b>			

#### DETAILS OF WORK CONTINUED

5. DRILL STAGE COLLARS AND CLEAN OUT TO P.B.T.D. 7121 R.K.B. PRESSURE TEST CASING TO 3000 PSI FOR 15 MINUTES. HELD OK.
6. CIRCULATED HOLE W/1% G.C. WATER AND SPOTTED 250 GALS. 10% ACEDIC ACID. RAN CEMENT BOND LOG AND CORRELATION LOG. PERF 1 SHOT/FT. 7066-7049, 7036-7026, 6998-6990. PERF. 4 HOLES 7058-7062 W/TORPEDO JET.
7. SAND-WATER-CO2 FRAC PERFS. W/27,000# 20-40 MESH SAND, 44,290 GALS. WATER W/2% J-100/1000 GALS. & 280 SCF CO2/BBL. SPEARHEAD FRAC W/750 GALS. 15% ACID. MAX. TREAT. PRESSURE 3900 PSI. AVG. TREAT. PRESSURE 3850 PSI. I.S.I.P. 2200 PSI. 15 MINUTE SHUT IN PRESSURE 1300 PSI. AVG. INJ. RATE 21 B.P.M.
8. PERF. 1 HOLE/FT. 6962-6932, 6898-6890, 6886-6880. SAND-WATER-CO2 FRAC PERFS. W/40,000# 20-40 MESH SAND AND 10,000# 10-20 MESH SAND AND 58,590 GALS. WATER CONTAINING J-100 AND 280 SCF CO2/BBL. SPEARHEAD FRAC W/1000 GALS 15% REGULAR ACID. B.D.P. 2000 PSI. MAX TREAT PRESSURE 3600 PSI. AVG. PRESSURE 3500 PSI. I.S.I.P. 950 PSI. 15 MINUTE SHUT IN 800 PSI. AVG. INJ. RATE 37 B.P.M. RAN 213 JTS. 1 1/2", 2.90#, EUE, JCW TUBING. LANDED AT 6956 FT. R.K.B. WELL COMPLETE 1-5-64.

