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(SUBMIT IN TRIPLICATE)

JAN 7 1964  
UNITED STATESDEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.  
Form Approved.Land Office Hobbs, New MexicoLease No. L. C. 062178Unit 0  
Federal "A" No. 4

			JAN 2 1964

J. L. GORDON  
ACTIVE DISTRICT ENGINEER

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 27, 1963

Well No. 4 is located 660 ft. from N line and 1980 ft. from E line of sec. 14SE4 L1 T-8-S 34-4 NMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Milnesand San Andres Roosevelt New Mexico  
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4272 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Reached total depth December 17, 1963. Ran Gamma and Neutron Radioactivity log. Ran 147½ joints 4½" OD 8rd thd 10.5# J-55 bars 1-2 5/8" casing with Howco shoe on bottom and Howco insert float valve in top of first joint. Five Weatherford scratchers and one centralizer on first joint and 3 scratchers and one centralizer on next 6 joints. Total overall 4705.83. Total less threads 4671.30'. Set at 4628.38'. Recirculated pipe 20' for 30 minutes. Cemented with 200 sacks 50/50 cement with 25 gal. 1/2" of 15 WGR 12 and 60 salt per sack. Release pressure. Check casing for 30 minutes with 1000# holding OK. Temperature survey indicates top of cement at 3875'. Ran Correlation log. Plug back total depth 4643'. Perforated one 3/8" jet hole at each of the following points 4326, 4522, 4591, 4603, 4608, 4612, 4625 and 4630'. Acidized perforations with 2000 gallons reg. 15% HCl acid and 12 WGR bags. Swab well down. Frac treated with 20,000 gallons refined oil mixed with 300# Hecite. First 19,000 gals. w/ 1½# sand per gal and last 1000 gals w/ 250# salt per gal. Ran 147 joints 2-1/8" thd. set at 4628.38. Swab well to natural flow. Swab and flow load oil back.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lario Oil & Gas CompanyAddress Box 1000, Olissa, Texas

By

Title Asst. Dist. Eng. Supt.