

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **New Mexico**
Lease No. **01187**
Unit **Federal 714**

Sinclair Oil Corporation Merged
into Atlantic Richfield Company
effective March 1959

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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	Subsequent report of plug back, reperforations & sandfill free	X

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

March 15, 19 **62**

Well No. **4** is located **1980** ft. from **15** line and **1980** ft. from **15** line of sec. **20**
SW/4 Sec 20 (1/4 Sec. and Sec. No.) **23** (Twp.) **36E** (Range) **106W** (Meridian)
Alamogordo (Field) **Lea** (County or Subdivision) **New Mexico** (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

3714 PHED - Yates - moved in DUE (Mudline Well Servicing). Pulled rods & tubing. Set Cast Iron Cement retainer at 3656'. Squeezed perfor 3645-3687 w/100 lbs cement - no pressure. Squeezed perfor w/100 lbs cement - Max Press 1000#, reversed out 10 lbs. WOC. Abrasive Jet perforated Yates 3612-3614-3638 (3 holes each setting), total 9 holes. Sandfill from treated perfor 3613-3614-3638 down casing w/15,000 gals refined oil & 15,000 lbs sand. Max Press 2800, Min Press 2900, inj rate 29 BPM, 10 min SIP 1000#. Ran tubing (2-3/8"OD) to 3612, run rods & placed on pump.

3656 PHED - YATES - ON POTENTIAL TEST - well pumped 50 bbls new 38.0 gravity oil and 15 bbls formation water in 12 hrs ending 6:00 AM 3-10-62 for a calculated 24 hr potential of 100 bbls. OGR 1.35 to 1. Production raised from zero bbls oil per day to top allowable of 36 bbls oil per calendar day.

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

Company **Sinclair Oil & Gas Company**

Address **520 E Broadway**

Alamogordo, New Mexico

By _____

Title **Dist Supt**

Original: ESOS-Hobbs; cc:PHD, JM, File