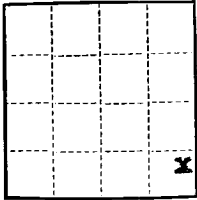


5 UNG  
1 Redfern & Lord  
1 Pioneer Prod.  
1 Christann (SUBMIT IN TRIPLICATE)  
1 File

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Santa Fe  
Lease No. 111 010063  
Unit

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

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	Frac Information

JUL 23 1962

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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

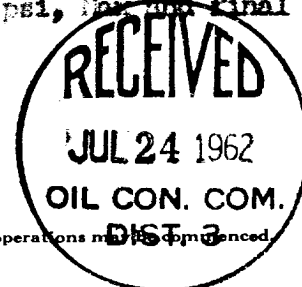
Well No. 1 "D" is located 245 ft. from [N] line and 870 ft. from [E] line of sec. 21  
[S] [W]  
Sec. 21  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Range - Santa (Field) Santa Fe (County or Subdivision) New Mexico (State or Territory)

The elevation of the ~~derrick floor~~ ground above sea level is 5007 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)

Pressure tested casing and P.C.F. w/4000 psi, spotted 200 gal P.C.F.; Perf w/2 jets per ft 6366-6378. Broke zone down at 1400 psi, pumped 8000 gal water at 3600 psi 25 bbls/min injection rate - shut down - perf 2 jets per ft 6310 to 6330; Frac with 65,330 gal water, 60,000# 20-40 sd, P.D. 1300 psi, I.F. 3100 psi, Ave 2600 psi, Min 2600 psi Max 4500 psi, Instant shut in 1200 psi - 5 min shut in 900 psi, Ave I.F. 35.8 P/M; Perf 2 jets per ft 6222-6230 and 6248-6258, Frac w/30,510 gal water, 20,000# 20-40 sd; I.F. 2600 psi, Ave 2800 psi, Min 2600 psi, Max and final 4000 psi. 5 min shut in 700 psi - Ave treating I.F. 36.7 P/M.



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

Company Redfern and Lord, Inc.  
Address Box 1747  
Midland, Texas

By Original signed by T. A. Dugan  
Title Consulting Engineer