



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Santa Fe  
Lease No. 070050  
Unit N

## 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	<u>Report of drill stem tests</u>	<u>X</u>

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

February 2, 19 55

Well No. 2 is located 750 ft. from S line and 2320 ft. from W line of sec. 3  
SE/4 SW/4 27-N 9-E NMPM  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat (Dakota) San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 6265 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)

Well spudded 1/13/55. Set 287' of 9-5/8" casing, 36# H-40, at 299' with 170 sacks.

BST #1 1/30/55: 3920-4104' (Cliff House sandstone). 30 min. initial SIBHP 115#. Open 1 hour. Fair initial blow, increasing for 10 minutes, decreased to weak blow air at end of test. Recovered 420' slightly gas-cut mud. IFBHP 115#; FFBHP 175#; 30 min. SIBHP at end of test 930#; HYBHP 2000#. Mud wt. 9.8#; viscosity 51 secs; ML less than 10 cc.

BST #2, 2/1/55: 4567-4731' (Pt. Lookout). Double packers at 4560' and 4567'. Open 24 hours. Good initial blow - continued throughout test. Gas to surface in 1 hour, 25 min. Recovered 200' gas-cut mud - no water. Gas burned with yellowish flame, indicating gas may be slightly wet. IFBHP 140#; FFBHP 180#; SIBHP after 1 hour, 45 min. 1290#; HYBHP 2450#. SS 3/4" at 4700'. Mud wt. 9.6#; viscosity 48 secs.

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

Company BYRD OIL CORPORATIONAddress 1110 Tower Petroleum Bldg., Dallas 1, TexasBy A. E. Voorheide, Jr.Title Prod. Supt. & V-P

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cc U.S. Oil Conservation Commission