

Form 9-581a  
(Feb. 1961)**APPROVED**

JUN 3 1963

RONNIE E. SHOOK  
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYBudget Bureau No. 49-2386.4  
Approval expires 12-31-66.Land Office Las Cruces  
Lease No. 064594-A  
Unit Poker Lake**RECEIVED**

JUN 4 1963

**SUNDRY NOTICES AND REPORTS ON WELLS**O. C. C.  
ARTESIA, OFFICE

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	

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

May 24, 1963

Herszog Federal

Well No. 1 is located 1980 ft. from [N] line and 1980 ft. from [E] line of sec 17

NE 1/4

(4 Sec. and Sec. No.)

T-25-S

(Twp.)

R-30-E

(Range)

N. M. P. M.

(Meridian)

Undesignated

(Field)

Eddy

(County or Subdivision)

New Mexico

(State &amp; Territory)

KDB Elev: 3230'.

The elevation of the derrick floor above sea level is 3229 ft. Ground Level Elev: 3222'.**DETAILS OF WORK**

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

Buffalo Drilling Co. spudded 12 1/4" surface hole at 3:00 a.m. MST 5-22-63. Drilled 12 1/4" hole to 673'. Lost circulation while drilling at 389. Dry-drilled from 389 to 673. Mixed lost circulation material, regained circulation, pulled bit. Ran 21 joints of 8-5/8" OD 24 #/ft. J-55 8 rd. thd. new casing with a float shoe; total length of casing string 659.49'. Set top of casing 11.00' below KDB, the measurement datum. 8-5/8" OD casing set at 670.49'. Ran one centralizer, on the bottom. Cemented with 600 sx. regular neat cement. Displaced plug to 640'; cement did not circulate. Lost partial returns after 400 sx. mixed. Plug down at 9:40 p.m. 5-22-63. After WOC, ran 1" pipe in annulus; located top of cement outside the 8-5/8" OD casing at 40' from surface. Recemented down 1" with 25 sx, filling to surface with clean cement. Job completed at 3:20 a.m. 5-23-63. WOC 27 hrs. Tested casing to 1000 psi for 30 min. Held. Found top of plug with bit at 612. Drilled plug with fresh water; drilled to 800'; displaced fluid in hole with brine; drilled ahead.

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

Company PERRY R. BASSAddress Box 1178Monahans, TexasBy Walter D. Powers  
Walter D. Powers  
Title Asst. Division Manager