

(SUBMIT IN TRIPLICATE)

Indian Agency **Window Rock, Ariz.**

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee **Navajo Trust #20**
Lease No. **14-88-423-3004**

•		
Sec. 31		
T29N-R17W		

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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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 for perforating & testing	X

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

May 21,

19 63

Well No. **2** is located **640** ft. from **[N]** line and **640** ft. from **[E]** line of sec. **31**
14 Sec. 31 **29-N** **17-W** **14N**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox - Pajarito **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5000** 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)

- 5/18/63 - 8101' T.B., 8096' D.O.B., Perf. 4 1/2" liner from 8072-8084' w/holes per ft. by Schl., 24 holes. Stopped 35 mins. lead water and 19.54 mins. salt water, no show of oil or gas. Pulled cable from 6490' - Fluid level 6500'.
- 5/19/63 - Stopped 25.39 mins. salt water in 4 1/2 hrs. - Pulled cable from 6490' - No show of oil or gas. Attempted to squeeze off perfor. 8072 to 8084'. Formation failed to take water at 4000' P.S.I. by Halliburton pumping then 2-3/8" tbg. & Baker Retainer set at 7149'. Set Baker Retainer "F" Cast iron bridge plug at 7149'. Perforated 4 1/2" liner 7149-7150' and 7150-7151' w/2 jet shots per ft. by Schl. - Stopped 24 mins. of lead water & then stopped 24 mins strong salt water in 3 hrs. pulling cable from 6490 to 6500'. Fluid level 6490'. No show of oil or gas.
- 5/20/63 - Acidized w/300 Gal. Hercul and acid then 2-3/8" tbg. & Baker Retainer set at 7149'. Min. Press. 4000', Min. Press. 2800'. Stopped 41 mins lead water followed 35.51 mins. of salt water in 11 hrs., Stopping from 6490' w/Fluid level of 6500'.

Cont'd
on
back

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

Company **Amesida Petroleum Corporation**

Box 1449

Address **Durango, Colorado**

Ph. - 247-3333

By **D. F. Furex** **EDN. COM.**
Production Foreman **Dist. 3**

Title

- 5/20/49 - Continued - Show of acid gas. No show of oil. Neust Baker retainer on 2-3/8" I.H. tbg. in 4 1/2" liner at 7455' and squeezed perforations in liner - 7455'-7460' and 7460'-7467' with 200 lbs. cement, 96 lbs into perfor. 8 & the left in liner. Top of cement at 7464'. Final squeeze press. 3100/ PSI. Circulated water out of hole w/225 lbs. crude oil & set retainer on 2-3/8" I.H. tbg. at 7455'.
- 5/21/49 - Schl. perforated 4 1/2" liner from 7455' to 7462' w/2 jets per foot (48 holes) flushed out lead oil of 25 lbs. & then washed 1.75 lbs. muddy water with sum of oil & light show of gas. Acidized w/300 lbs. Russell 10% acid & washed out lead of 25 lbs. water and then washed 94.97 lbs. oil & show of acid water in 20 hrs. w/ gas at rate of 10 MCF per day.
- 5/22/49 - Acidized with 3000 gals. Russell reg. 10% acid. Min. Press. 4000, Min. Press. 3000, Inj. rate 2-3/8 B.P.M. Well flowed back acid water without snubbing.
- 5/23/49 - Initial flow test: 21 hrs. test May 23, 1949; Flowed 195.97 lbs. oil plus 4/20% acid water thru oil. tbg. choke (avg. 1/8") Tbg. Press. 1975, Gas at rate of 125 MCF. per day (avg.) 0.04. 246 (avg.)