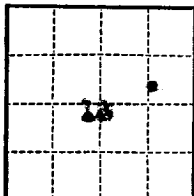


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

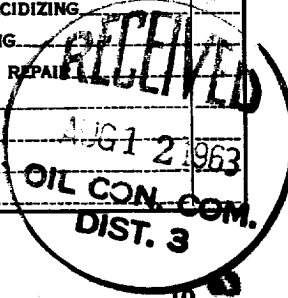
Indian Agency Havajo
Allottee Tribal
Lease No. 14-30-403-383



SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|---|--|---|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | 2 |
| 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 | | |

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



August 7

Havajo "AA"
Well No. 2 is located 2310 ft. from N line and 943 ft. from E line of sec. 18
SE 1/4 Sec. 18 12N 17W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5375 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)



AUG 9 1963

Log-part. w/jet notch gun as follows:

- 3 - 3" notches at 1474'
- 3 - 3" notches at 1476'

Sand-fractured using 15,000 of 10-20 sand, 15,000 of 20-40 sand, 560 lbs of loose crude (plus 70 lbs ahead of sand) and 40 gal. of Dowell "W-17". Break formation w/20000 at 31 NW, broke to 28000. Average inj. rate 22.6 NW, min. 19.3 NW, max. 30.0 NW. Average sand concentration .250/gal, min. .140/gal, max. .330/gal. Injection pressure varied from 27000 to 28000, SEP 1963, 15 minute SEP 14730.

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Company Murphy Corporation
Address 200 Jefferson Avenue
El Dorado
Arkansas
By L. L. Duncan
Title Prod. Supt. - Direct Operations