

(SUBMIT IN TRIPLICATE)

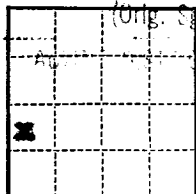
Indian Agency Navajo

Contract 14-20-603-592

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tract 17

Lease No. _____



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 of DST	X

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

NAVAJO TRACT OF INDIANS "B"

Farmington, New Mexico, March 5, 19 56

Well No. 1 is located 1900 ft. from SW line and 640 ft. from W line of sec. 29

NW/4 of SW/4
(1/4 Sec. and Sec. No.)

32-N 20-W
(Twp.) (Range)

(Meridian)

Four Corners Area W/C
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 4834 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)

3/2/56: DST # 3 from 5406' to 5626' w/Johnston tool w/1" top and 3/4" bottom chokes. Tool open 3 hrs. Gas to surface in 2 min. Slight spray of oil and mud in 63 min. Initial pr. 2900#, min. fl. 280#, max. 705#, final 2900#. SI after 30 min. 2450#. Recovered 3203' (30 bbls.) highly gas cut oil in drill pipe - no water. Gas too small to measure. Corr. Grav. 44. Test Satisfactory.

3/4/56: DST #4 from 5653' to 5672' w/Johnston tool w/1" top and 3/4" bottom chokes. Tool open 3 hrs. Gas to surface in 4 minutes, slight spray of oil in 19 minutes. Gas too small to measure. Initial pr. 2960#, min. fl. 105#, max. 105#, final 2960#. SI after 30 min. 2125#. Recovered 900' of heavily oil and gas cut water. Corr. grav. of oil 53. Test Satisfactory.

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

Company Humble Oil & Refining Company

Address Box 1268

Farmington, New Mexico

By J. C. Winsley

Title Dist. Mgr. Clerk

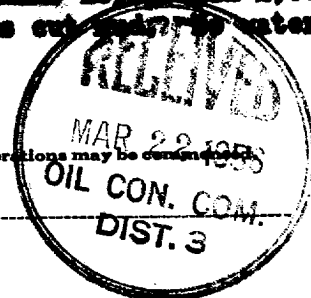


Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

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