



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Site Mountain Tribal

Allottee _____

Lease No. 1-77-1-14

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 _____	

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

July 1, 1958

Well No. tribal 2-1 is located 640 ft. from N line and 540 ft. from E line of sec. 30

NE 1/4 Sec. 30 114 114 114
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Verde-Gallup San Juan New Mex.
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5530 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)

Drilled 4-3/4" hole from 3677 to 3830 feet. Total depth of 3830 feet was reached on 6-21-58. Ran Schlumberger Gamma Ray and Induction Log to 3830 feet. Ran 7 jts. 176.54' of 4-3/4" OD line pipe for liner. Slotted 4-6" slots per foot from 3673.26' to 3830'; liner set 3653.10'-3830'. Sand oil frac thru casing w/40,000 gal. oil and 40,000 gal. sand. 1st stage w/20,000 gal. and 20,000 gal. Pumped in 900' worth balls. No increase in pressure. 2nd stage, 20,000 gal. and 20,000 gal. Treating pressure 2000 PSI on both stages. Inj. rate 55 bbls per min. Test on vacuum all way from start of loading hole. Flushed w/150 gal oil. Over flush w/55 bbls. oil. Treating time 22 min. Job completed 6-22-58.

6-22-58 to 6-25-58 Sub all load oil back. Total 1200 bbls.

6-25-57 Ran bottom hole pressure. Fluid level 1120' from surface. Bottom hole pressure 900 PSI @ 3805 feet.

Set Baker Model K. cast iron bridge plug on wire line @ 3150'. Perf. 5 1/2" cas.

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

Company Three States Natural Gas CompanyAddress P. O. Box 67Farmington,New Mexico

By John Carothers AUG 26 1958
JOHN CAROTHERS OIL CON. COM.
Title Assistant Dir. Geol. DIST. 3

3415' w/lane Wells w/4 bullet holes. Ran 110 jts. 3373.34' of 2" tubing w/lane Wells hook wall packer set @ 3376'. Swab tbg. dry. Unseat packer displaced oil w/water. used 120 bbls. water. Formation took 37 bbls. Pulled tbg. and packer. Ran 110 jts. 3373.34' of 2" tbg. w/10000 cement retainer set @ 3376'. Squeezed perf. 3415' w/20 sks. Neat Cement, 25 Gel and 1/2 Floccs. Displaced cement w/112 bbls. water, 1/2 bbl. below perf. 3415'. Max. pressure 1400 PSI. Breakdown 1200 PSI. Job completed 6:15 p.m. 6-26-58. 200 2h hrs. Pulled tbg. Swabbed water out casing. Drilled out cement retainer @ 3376'. Perforated w/lane Wells from 3414'-3415'. Total 20' w/2 jets and 2 bullets per ft. Total 80 holes. Swabbed hole dry and cleaned out to F.B. to 3450' w/sand pump. Attempted to 30F perf. 3414'-3415'. Pumped in 150 bbls oil Max. pressure 3000 PSI. No breakdown. No sand used. Ran tubing w/Baker packer set @ 3372'. Tail pipe set @ 3427'. Acidized w/250 gal. mud acid. Max pressure 1600 PSI. Min. 1200 PSI. Inj. rate 1.5 bbls. per min. Flushed w/1/2 bbls oil, swabbed back acid. Sand oil frac perf. 3414.34' w/9000 gal. oil and 1000f sand. Max. press. 3000 PSI. Min. pr. 2600 PSI. Inj. rate 15 bbls per min. Flushed w/105 bbls. oil. Over flush 20 bbls. swabbed out 256 bbls. oil. Filled hole w/oil and shut in. Ran bottom hole pressure 1182 PSI @ 3450'. BHP after 12 hrs. 1127 PSI. Fluid level 116'. BHP after 22 hours 1100 PSI @ 3450'. BHP after 36 hrs. 1070 PSI @ 3450'. BHP after 49 hrs. 1056 @ 3450'. BHP after 62 hrs. 1039 PSI. Fluid level 530'. Drilled out B.P. @ 3450' and cleaned out to H. Ran 121 jts. 3711.95 of 2-3/8" OD 4708 SCH tbg. w/1 - 3' perf. nipple. 1-.67' seat nipple, 1-.60 diameter stabilizer set at 3711.22'. Seat nipple set @ 3683.66'. Stabilizer set @ 1542.16'. Ran 147 - 3/4" x 25' Amalson sucker rods 3675', 1-3/4" x 2', and 1-3/4" x 4' sub., 1-1 1/2" fluid pack pump set @ 3683.66'. 1-1 1/2" x 11" polish rod. Released rig @ 6 a.m. 7-13-58 and shut well in for pumping unit.