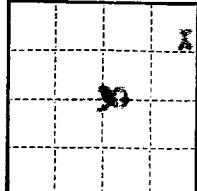


(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Ute Mountain Tribal
Allottee _____
Lease No. 11-331 b-11



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. 11-331 b is located 610 ft. from N line and 500 ft. from E line of sec. 30.

NE NE Sec. 10
(4 Sec. and Sec. No.)

114 115
(Twp.) (Range)

W.M.
(Meridian)

Verde Valley
(Field)

San Juan
(County or Subdivision)

New Mex.
(State or Territory)

The elevation of the derrick floor above sea level is 5500 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 5-3/4" hole from 3677 to 3630 feet. Total depth of 3630 feet was reached on 6-21-58. Run Schlumberger Gamma Ray and Induction Log to 3630 feet. Run 7 joints, 176.56' of 5-7/8" OD line pipe for liner. Slotted 5-7/8" slots per foot from 3673.26' to 3630'. Liner set 3659.10'-3630'. Washed out thru casing w/10,000 gal. oil and 40,000' sand. 1st stage w/20,000 gal and 20,000'. Pumped in 500' both balls. No increase in pressure. 2nd stage, 20,000 gal. and 20,000'. Treating pressure 1000 PSI on both stages. Inj. rate 55 bbls per min. Took on vacuum all way from start of loading hole. Flushed w/150 gal oil. Over flushed w/55 bbls. oil. Treating time 21 min. Job completed 6-22-58.

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

6-25-58 Ran bottom hole pressure. Fluid level 1120' from surface. Bottom hole pressure 200 PSI @ 3605 feet.

Set Baker Model K. cast iron bridge plug on wire line @ 3630'. Perf. 5-7/8" eng. 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 Company

Address P. O. Box 67

Farmington,
New Mexico

By John Garothers
Title Assistant Mgr. U.S.G.S. DIST. 3
AUG 26 1958
OIL CON. COM.

3415' w/large wells w/bullet holes. Ran 110 jts. 3373.24' of 2" tubing w/large wells hook wall packer set @ 3376'. Pumped tubing dry. Cement packer displaced oil 1 w/water. used 120 bbls. water. Formation took 37 bbls. Filled tubing and packer. Ran 110 jts. 3373.34' of 2" tubing w/3000 cement retainer set @ 3376'. Squeezed perf. 3415' w/20 bbls. cement. Meat Cement, 2% Gel and 1/2 floccles. Displaced cement w/100 bbls. water, 1/2 bbl. below perf. 3415'. Max. pressure 1400 PSI. Breakdown 1300 PSI. Job completed 6:15 p.m. 6-26-58. 3000 ft hrs. Filled tubing. Swabbed water out casing. Drilled out cement and retainer @ 3376'. Perforated w/large wells from 3414'-3415'. Total 20' w/3 jets and 2 bullets per jet. Total 40 holes. Swabbed hole dry and cleaned out to P.D. ID 3450' w/sand pump. Attempted to 307 perf. 3414'-3415'. Pumped in 150 bbls oil Max. pressure 2000 PSI. No breakdown. 1/2 sand used. Ran tubing w/ Baker packer set @ 3372'. Fall 3400 PSI. No breakdown. 1/2 sand used. Ran tubing w/Baker packer set @ 3372'. Fall 3400 PSI. Acidized w/250 gal. mud acid. Max pressure 1600 PSI. Max. 1200 psi inj. rate 1.5 bbls. per min. Flushed w/14 bbls oil, swabbed back acid. Sand oil free perf. 3414.34' w/3000 gal. oil and 1400# sand. Max. pres. 1000 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 swabbed out 256 bbls. oil. Fluid level 116'. BHP after 22 hours 1100 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 P.P. @ 3450' and cleaned out to TV. Ran 121 jts. 3711.95 of 2-1/8" ID 4708 NCK tubing. w/1 - 3" perf. nipple 1-1/2" seat nipple, 1-1/2" sleeve stabilizer set at 3714.22'. Seat nipple set @ 3683.66'. Stabilizer set @ 1542.16'. Ran 147 - 3/4" x 25' Amerson sucker rods 3675', 1-1/4" x 2', and 1-3/4" x 4' sub., 1-1/2" fluid pack pump set @ 3683.66'. 1-1/2" x 11" polish rod. Released rig @ 6 a.m. 7-13-58 and shut well in for pumping unit.