

(SUBMIT IN TRIPLICATE)

Indian Agency Jicarilla

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Contract #10

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	

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

May 18, _____, 1960

Jicarilla
Well No. 1-4 is located 965 ft. from N line and 805 ft. from W line of sec. 4
NW 1/4 Sec. 4 24N 5W 10P
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utero Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6743 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)

DST #1 6970-7040' IHP 3490, ISI 30 min. 1500, IF 40, FF 40, PSI 30 min. 180.
GTS 7 min., 50 MCF per day to 1 hr., Rec. 30' GCM.

DST #2 7080-7130' IHP 3565, ISI 60, IF 30, PSI 30, Rec. 15' drilling mud.
Weak blow, died 6 min. No show.

Drilled to 7222', Ran logs, ran casing and completed as per attached record.

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

Company Johnston-Shear

Address 3010 Monte Vista Blvd., N.E.

Albuquerque, New Mexico

By A. R. Johnston

Title Operator

**JOHNSTON-SHEAR 1-4
CORKING AND COMPLETION RECORD**

CHOCOMA

Set 182 joints 2 7/8" non upset tubing at 3762'. Cemented with 200 sac 8 1/2 gal and 100 sac regular cement. P.O.B. 9:00 a.m. 4-23-60. Followed plug with acid. Checked plug at 3757' with Lane Wells line. Perforated with Lane Wells Nuclear oriented jet gun 3508-14, 4 SPV, 3550-96, 2 SPV, 3608-80, 2 SPV. Frac by Dowell with 40,000 gal. water, 25,000 20-40 sand, 75 J-100 gal, 15 balls. Breakdown pressure 2900#, minimum treating pressure 2,000#, maximum treating pressure 2,500#, final pressure 200# after five minutes. Well flowed back approximately 200 bbls water. Now running sand pump to check for sand accumulation prior to clogging, 6:00 a.m. 4-26-60.

GALLUP

Set 208 joints 2 7/8" non upset tubing at 6310'. Cemented with 125 sac 8 1/2 gal and 75 sac regular cement. P.O.B. 6:15 a.m. 4-23-60. Followed plug with acid. Checked plug at 6307' with Lane Wells line. Perforated with Lane Wells Nuclear oriented jet gun 6000-10', 6032-46', 6096-78', 6092-96' all with 2 SPV. Attempted frac as follows: Used 10,750 gal crude oil, breakdown pressure 4250#, maximum pressure 6000#, well sanding out after 7,000# 20-40 sand used, average rate 9 BPM. Allowed well to flow back approximately 50 bbls oil thru 3/4" choke while treating Chacra formation. Retreated as follows: Used 13,000 gal crude, 5,000 20-40 sand, initial pressure 4,300#, average 4,600#, well sanding out at 5,500#, average rate 10 BPM. Well flowed back approximately 75 bbls. Will clean sand out of tubing and subs. 6:00 a.m. 4-26-60.

BAHIA

Set 235 joints 2 7/8" non upset tubing at 7200'. Cemented with 125 sac 8 1/2 gal and 75 sac regular cement. P.O.B. 5:15 a.m. 4-23-60. Followed plug with acid. Found obstruction at 6840' with Lane Wells line. Brove obstruction to 7172' with 2 1/4" cable tool bit, (are and sinker less) using rig sand line while other seams were being perforated. Perforated with jet tubing gun 7022-7024, 4 SPV, 7048-7076, 2 SPV, 7084-7086, 4 SPV. Frac with 40,000 gal water, 25,000 20-40 sand, 75 J-100 gal, 25 balls. Breakdown pressure 4300#, minimum treating pressure 3200#, maximum treating pressure 4000#, final pressure 1500# after 5 minutes. Well flowing free water and small amount of gas, 6:00 a.m. 4-26-60.