

Form 9-381a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Lease No. SF 079296

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 REPAIRING OR ALTERING Frac	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO REPAIR OR ALTER Frac	X	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 4, 1955

Buttram
Well No. 23-4 is located 1500 ft. from ~~N~~S line and 790 ft. from ~~W~~E line of sec. 23

SE 1/4 Sec. 23 26N 6W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Dogie Canyon Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6379 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)

July 21-24, 1955 Sand-oil Treatment

Moved in and rigged up cable tools, pulled 1" tubing. Ran 2" EUE 4.7# tubing J-55 new smls. Fraced well using two Howco T-10 trucks Started mixing 1#/gal sand. Nipple in Xmas tree cut out when fluid hit formation. Shut down to replace nipple and repair Xmas tree. Put 3040 gal of fr c fluid into formation. Flushed with 6300 gals of frac fluid. Injection rate, 12 bbls per minute. Pumped down tubing and casing, pump pressure 1000# on casing, 2000# through tubing. Swabbed well b ok. Production before frac, 980 MCFD, production after frac, 1450 MCFD. Used 2745' - 88 Jts - ~~2~~ tubing; landed at ~~2753~~ 2793 as on C-104.

Additional Information not on roginal form:

Interval treated, 2710' to 2800' TD.

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

Company PUBCO DEVELOPMENT, INC.

Address 107 West Chaco

Aztec, New Mexico

By N. E. Maxwell, Jr.

Title Supt. Prod. Dept.

