



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa FeLease No. SF-080508-A

Unit _____

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 RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

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

February 23, 1961

Pan American Federal
Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 19
NE SW/4 Sec 19 30N 15W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Hogback San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5368 ft. or 5358.0 G.L. DIST. 3

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)

Moved cable tools on well & drilled 25' cement, drilled 4" hole from 3780' to 4068' T.D. Fracked Gallup open hole 3780'-4068' W/Halliburton truck, 10,000#, 10-20 sd, 20,000#, 8-12 sd. load & breakdown 4200 gal. frac W/45,128 gal, flush W/8400 gal. Total oil used 57,728 gals. 600# TLC 15 breakdown 1000, avg. 875, max 950, min 800, final 950, instant shut-in 400, 5 min. Shut-in 375, average treating, I. R. 36.6 B/M, flush 33.0 B/M, overall I.R. 36.3 B/M. After 10,000# sd in hole, treated W/300# TLC 15, had 25# prep. increase after 20,000 #sd in hole. Treated W/300# TLC 15 no press. increase. Followed each batch of TLC 15 W/50 bbls oil without sd. well flowing back frac oil.

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

Company CENTURY EXPLORATION COMPANYAddress P. O. Box 168Farmington, New MexicoBy D. H. RuckerTitle Office Manager