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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
NM-035634
Lease No. _____
Unit McGrady Gas 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..... <u>Frac</u> <u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....	

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

McGrady Gas Unit

Farmington, New Mexico, September 28, 1963

Well No. 1 is located 790 ft. from N line and 990 ft. from W line of sec. 14

NW/4 NW/4 Sec. 14 T-27N R-12W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5947 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)

Above well drilled to a total depth of 6277 and plugged back to a depth of 6244.

4-1/2" casing was perforated from 6179' to 6189' with 4 shots per foot. Well then fracked with 33,290 gal. water with 2-1/2 lbs. FR-2 per 1000 Gal and 1% calcium chloride and 30,000 lbs of 20-40 sand.

Pressures were: Breakdown-2250 PSI; Maximum Treating-2800 PSI; and, Average Treating-2750 PSI. The average injection rate was 36 barrels per minute. The instant shut in pressure was 1600 PSI, and after 5 minutes shut-in pressure was 1350 PSI. Cleanse out well and prepared to test.

Set Millable bridge plug at 6165 and perforated 6128'-6138' with 4 shots per foot. Fracked well with 37,470 gallons of water with 1-1/2 lbs FR-2 per 1000 gals and 1% calcium chloride, and 30,000 lbs 20-40 sand and 1000 lbs 10-20
(Continued on back)

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

Company PAN AMERICAN PETROLEUM CORPORATION

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

By _____ Title Petroleum Engineer



sand. No breakdown, pumped in at 1900 PSI. Maximum treating pressure was 3500 PSI and average treating pressure was 3100 PSI. The average injection rate was 29 barrels per minute. Instant shut in pressure was 1250 PSI and after 5 minutes the shut in pressure was 1200 PSI, and after 3 hrs. 600 PSI. Drilled out bridge plugged and cleaned out well to 6244 and resumed testing.

The well was completed September 16, 1963 as a shut in Basin Lakota Field Gas well.