



4-USGS
1-El Paso Prod.
2-Compass (Den) (SUBMIT IN TRIPLICATE)
1-Compass (Farm)
1-File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. ST 077161
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	
NOTICE OF INTENTION TO ABANDON WELL	Frac Information	X

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

September 26, 1961

Well No. 1-3 is located 1820 ft. from N line and 1820 ft. from E line of sec. 3

NW SE Section 3 (1/4 Sec. and Sec. No.) 26N (Twp.) 7W (Range) 101M (Meridian)

Wildcat (Field) Rio Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the ~~ground level~~ drill floor above sea level is 6583 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)

PERTD 7380 - spotted 250 gallons 7-1/2 E.D.A. Pressure tested casing and BOP with 4000 psi - held OK. Puled tubing - ran gauge ring, ran gamma ray correlation log. Perf with Lane Wells 4 HCF 2 jets per foot, 7326-7320. Frac with Dowell 4 Allison, 10,000# 20-40 sand, load and breakdown with 840 gallons water, frac with 13,550 gallons water, flush with 8400 gallons water. Total fluid used 22,890 gallons with 2-1/2# J-100 per 1000 gallons water. Breakdown Pressure 3200 psi, IF 3200 psi, Av. 3000 psi, Min. 2900, Final 3000, Instant Shut-in 2200 psi, 5-minute shut-in 1800 psi, Treating IN 30.2 BPM, Av. Over all IN 30.1 BPM. Set Baker Mag. top drill out Bridge Plug (N.C.) at 7300'. Perf with Lane Wells 4 HCF-2 jets per foot, 7270-44. Frac with Dowell 4 Allison, 24,000# sand, breakdown with 840 gallons water, frac with 29,392 gallons water, flush with 7,000 gallons water. Total fluid over

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

Company Compass Exploration, Inc.

Address 101 University Blvd.

Denver, Colorado

By Original signed by T. A. Dugan

Title Engineer

used 37,232 gallons with 2-1/2# J-100 friction reducing agent per 1000 gallons. Breakdown 3700 psi, IF 3500, Min. 3100, Max. and Final 4000, Av. 3500, Initial Shut-in 2100, 5-minute Shut-in 1900 psi, Frac IR 28.4 BPM, Over all IR 25.1 BPM.

Set Baker top drill bridge plug at 7238 - filled hole with water. Perf with Lane Wells 4 NCF 2 jets per foot, 7104-7116, 7196-7210 and 7222-7229. Frac with 4 Dowell Allison's, 40,000# 20-40 sand, 70 balls, breakdown 840 gallons water, 46,200 gallons water to frac, 7,560 gallons water to flush. Total fluid used 54,600 gallons water with 2-1/2# J-100 per 1000 gallons. Breakdown Pressure 2800 psi, IF 2600 psi, Min. 2200 psi, Max. 3600 psi, Final 3500 psi, Instant Shut-in 1800 psi, 5-minute Shut-in 1600 psi. Drop 40 balls, pressure increased 2200 to 2400 psi. Second stage, 30 balls, pressure increased 2400 to 3600. Treating IR 44.0 BPM, Av. Over all IR 39.3 BPM.

Set Baker Model "D" production packer at 7070'. Perf with Lane Wells 4 jets per foot, 6598 to 6592. Frac Gallup 6598-92 by Dowell using four Allison's, 17,000# 20-40 sand, 9,200 gallons crude to load and breakdown, 22,400 gallons crude to frac, 7,600 gallons crude to flush. Total oil used 39,200 gallons with 25# Adomite per 1000 gallons treating fluid. Breakdown 2200 psi, IF 3200 psi, Min. 2950 psi, Max. 3800 psi, Av. 3200 psi, Final 3600 psi, Av. IR 24 BPM.