



USGS
4-184066

2-Compass (Denver)
1-Compass (Farm) (SUBMIT IN TRIPLICATE)
1-El Paso Prod.
1-File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **Santa Fe**
Lease No. **079161**
Unit

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

NOV 2 1961

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)

November 1, 1961

Lindrith Federal
Well No. **1-10** is located **1650** ft. from **[N]** line and **820** ft. from **[E]** line of sec. **10**

SE/4 NE/4 Section 10 **26N** **7W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin-Dakota **Rio Arriba** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

Ground Level
The elevation of the **surface** above sea level is **6668** 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)

Perf 7294-7312 with 4 super dyna jets per foot. Frac with Dowell 4 Allison's, 40,000# 20-40 sand, 2,562 gallons water to load and breakdown, 43,260 gallons water to frac, 8,526 gallons water to flush. Total fluid used 54,348 gallons water with 1/4 J-100 friction reducing agent per 1000 gallons. Breakdown Pressure 3900 psi, IF 3100 psi, Ave. 2500 psi, Min. 2300 psi, Final 2500 psi, Instant Shut-in 1800 psi, 5-minute Shut-in 1800 psi, Ave. IR 41 BPM, Ran Baker Mag. bridge plug set at 7280. Perf with B.J. 4 super dyna jets per foot 7222 to 7230, 7238 to 7250, 7258 to 7264. Frac with Dowell 4 Allison's, 30,000# 20-40 sand, 1,680 gallons water to breakdown, 33,180 gallons water to frac, 9,240 gallons water to flush. Total fluid used 44,100 gallons with 3/4 J-100 friction reducing agent per 1000 gallons. Breakdown 3600 psi, broke to 2300 psi, IF 3300 psi, Ave. 2600 psi, one Allison broke 5 minutes, (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 **709 Bloomfield Blvd.**
Farmington, New Mexico

By **Original signed by T. A. Dugan**

Title **Consulting Engineer**

Frac Pressure 2200, Final 3100 psi, Instant Shut-in 1900 psi, 5-minute Shut-in 1800 psi. Dropped 15 rubber balls and frac pressure increased from 2600 psi to 3100 psi. Ave. IR 33.3 BPM. Set Baker Mag. bridge plug at 7210. Perf with B.J. 4 super dyna jets per foot 7104-7130, 7148-7170, 7193-7204. Frac with Dowell 4 Allison's, 40,000# 20-40 sand, 75 rubber balls, 1,260 gallons water to breakdown, 40,320 gallons water to frac, 7,560 gallons water to flush. Total fluid used 49,140 gallons water with 3# J-100 friction reducing agent per 1000 gallons. Breakdown 3500 psi, broke to 2300 psi, IF 2700 psi, Ave. 2400 psi, Max. & Final 2600 psi, Initial Shut-in Pressure 2000 psi, 5-minute Shut-in 1900 psi, Ave. IR 39.0 BPM. Dropped three stages of 25 balls each - no ball action.

Ran 231 joints 2-3/8" O.D., 4.7#, J-55, 8R, EUE tubing, T.E. 7295.02 set at 7305 RKB.