

4-U 3

1-Intern.

1-Texas-Pac.

(SUBMIT IN TRIPLICATE)

1-Texasco

1-Lloyds

1-Murphy

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. F 080469

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)

July 28, 1961

Fogelson

Well No. 1-2 is located 1550 ft. from N line and 1450 ft. from E line of sec. 2

T4N R2E Section 2

(1/4 Sec. and Sec. No.)

23N

(Twp.)

11E

(Range)

R2E

(Meridian)

Basin-Dakota

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

Ground Level

The elevation of the derrick floor above sea level is 5752 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Cleaned out to 6770. Tested casing to 4000 psi - held OK. Spotted 200 gallons 10% H.S.C. acid - pulled out of hole - rigged up Telex - ran gauge ring, ran gamma ray correlation log.

FBTD 6770 - Perf with Telex 2 super dyna jets per foot, 6647-6649, 6658-6659, 6642 to 6630. Frac with Halliburton 2 HT-400 trucks, 30,000 20-40 sand, 1100 gallons water to load and breakdown, 31,400 gallons water to frac, 5,700 gallons water to flush. Total fluid used 38,200 gallons water with 15% H.S.C., 8 per 1000 gallons. Breakdown 2100 psi, broke to 1200 psi, IF 3000 psi, av. 2500, Min. 2475, Max. 3000, Final 2950, Instant Shut-in 1200, 5-minute shut-in 900, Treating IN 34 BPM, Over-all IN 33.9 BPM. Frac pressure indicated that frac was communicating with "A" zone of Dakota - did not set bridge plug.

(over)

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

Company International Oil Corp.

Address 1007 North Austin

Farmington, New Mexico

By Original signed by T. A. Dugan

Title Engineer

Perf with Welex 2 super dyna jets per foot, 6598 to 6560. Frac with Halliburton 2 HT-400 trucks, 40,000# 20-40 sand, 80 rubber balls, 940 gallons water to breakdown, 38,800 gallons water to frac, 5700 gallons water to flush. Total fluid used 45,440 gallons with 15# W.A.C., 8 per 1000 gallons. Breakdown 1500, IF 2800, Min. 2350, Av. 2400, Max. 3800, Final 3800, Instant Shut-in 1200, 5-minute Shut-in 950.

First ball drop - 20 balls - no pressure increase

Second ball drop - 20 balls - pressure increased 2400 to 2500

Third ball drop - 20 balls - pressure increased 2550 to 2700

Fourth ball drop - 10 balls - pressure increased 2700 to 3200

Fifth ball drop - 10 balls - pressure increased 3200 to 3800

Set Baker Mag Bridge Plug at 6540 - Perf with Welex 2 super dyna jets per foot, 6522-6509. Frac with Halliburton 2 HT-400 trucks, 20,000# 20-40 sand, 300 gallons water to breakdown, 21,385 gallons water to frac, 5510 gallons water to flush. Total fluid used 27,195 gallons with 15# W.A.C., 8 per 1000 gallons in the first 7000 gallons. IF 2850, Max. 3200, Av. 2900, Min. 2600, Final 3200, Instant Shut-in 1075, 5-minute Shut-in 875, Treating IR 29.5 BPM, Over-all IR 29.1 BPM.