



(SUBMIT IN TRIPLICATE)

5 USGS
1 Occidental UNITED STATES
1 Northwest DEPARTMENT OF THE INTERIOR
1 File GEOLOGICAL SURVEY

Indian Agency _____
Jicarilla Apache
Allottee _____
Lease No. Contract #152

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	APR 1 1962
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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	U.S. GEOLOGICAL SURVEY
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	Free Information	X

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

April 9, 1962

Well No. W 4-6 is located 2460 ft. from N line and 1460 ft. from E line of sec. 6

NE 1/4 SW 1/4 Sec 6

(Twp.)

(Range)

(Meridian)

Basin - Dakota

Rio Arriba

New Mexico

Blanco - Mesaverte

The elevation of the derrick floor above sea level is 6672 ft. G.L.

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)

Spotted 250 gallons 7-1/2% B.D.A. Acid. Perf with 2 super dyna jets per foot, 7368-7590, 7606-7636, 7656-7666, 7672-7676. Frac with Dowell, 4 Allison's, 50,000# 20-40 sand, 70 balls, 2200 gallons water to breakdown, 55,900 gallons water with 2-1/2% J-100 friction reducing agent per 1000 gallons, 12,600 gallons water to flush. Breakdown pressure 2600 psi, I.F. 2600 psi, Min. 2000 psi, Ave. 2100 psi, Final and Max. 2600 psi, Instant shut-in 2000 psi, 5 minute shut-in 1800 psi, Ave. I.R. 48 BPM. Fan Baker Mag. bridge plug set at 7550 - Perf with B.J. 2 super dyna jets per foot, 7481-7489, 7512-7522. Frac with Dowell, 4 Allison's, 30,000# 20-40 sand, 1,000 gallons water to breakdown, 32,800 gallons water to frac with 2-1/2% J-100 per 1000 gallons, 10,700 gallons water to flush. Breakdown 2000 psi, I.F. 3200 psi, Ave. 2800 psi, Min. 2600 psi, Max. 3200 psi, Final 2800 psi, Instant Shut-in 2200 psi, 5 minute Shut-in 2000 psi, Ave. I.R. 38 BPM. Set Baker bridge plug (Mag.) at 5700'. Perf Point Lookout with 2 super

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

(over)

Company Occidental Petroleum Corp.

Address 5000 Stockdale Highway

Bakersfield, California

By Original signed by T. A. Dugan

Title Consulting Engineer

dyna jets per foot, 5466-5478, 5490-5526, 5534-5564. Frac with Dowell, 4 Allison, 50,000# 20-40 sand, 90 balls, 800 gallons water to breakdown, 47,000 gallons water to free, 9600 gallons water to flush. Breakdown 1000 psi, I.F. 1300 psi, Max. 1600 psi, Ave. 1450 psi, Final 1600 psi, Instant Shut-in pressure 500 psi, 5 minute shut-in 200 psi, Ave. I.R. 63 BPM. Set Baker Mag. bridge plug at 5140. Perf B.J. 2 super dyna jets per foot, 4966-4970, 4994-5010, 5028-5048. Frac with Dowell, 4 Allison, 50,000# 20-40 sand, 60 balls, 800 gallons water to breakdown, 48,000 gallons water to free, 9000 gallons water to flush, breakdown pressure 200 psi, I.F. 1800 psi, Ave. 1700 psi, Min. 1600 psi, Final 1800 psi, Instant Shut-in 700 psi, 5 minute shut-in 500 psi, Ave. I.R. 58 BPM.