



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF078439
Unit Johnston-Federal

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	Subsequent report of workover

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

April 16

Well No. 4 is located 1850 ft. from N line and 760 ft. from E line of sec. 33

NE/4 Sec. 33
($\frac{1}{4}$ Sec. and Sec. No.)

31N
(Twp.)

9W
(Range)

NMPM
(Meridian)

Blanco Mesaverde
(Field)

San Juan

(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6212 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)

Pulled tubing. Cleaned out to 5400 w/gas. Ran 5" OD liner 5394-4569. Cemented w/ 218 cu. ft. cement w/218 cu. ft. gilsonite. Bridged off, leaving liner full of cement. Squeezed top of liner w/100 sax. Drld. cement to top of liner, drld. cement in liner to 5388. Found good cement 5388-4900, no cement 4900-4800, good cement 4800 to top of liner. Perf. 4 holes @ 4893. Squeezed w/100 sax cement. Drld. out cement. Ran G R log. Perf. 2 jet holes/foot 5360-52, 5346-44, 5330-5300, 5278-58. Fract w/80,000# 20/40 sand, 87,500 gal. wtr. BDP 2500 to 2300. Ave. treating pressure 1800#. Injection rate 70 BPM. Used 120 ball sealers. Set Baker C I bridge plug @ 4920. Perf. 2 jet holes/ft. 4875-33, 4826-08, 4800-4782. Fract w/67,000# 20/40 sand, 64,500 gal. wtr. BDP 1500 to 1100. Max. treating pressure 1900. Min. treating pressure 1200. Injection rate 61 BPM. Used 210 ball sealers. Set C I bridge plug @ 4680. Perf. 2 jet holes/ft. 4572-4645.

(Continued on reverse side)

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

Company Anderson-Prichard Oil Corporation

Address 1740 Broadway

Denver, Colorado

ORIGINAL SIGNED BY
By CHARLES M. HEARD

Title District Superintendent

Fract w/20,000# 20/40 sand, 21,000 gal. wtr. BDP 1600-1300. Used 140 ball sealers. Pressure increased from 1300 to 3000#. Max. treating pressure 3000#. Ave. injection rate 83 BPM. Went in with 4-1/4" bit. Drilled out bridge plug and cleaned out to 5329. Tested all zones 25,000 MCF/day.

