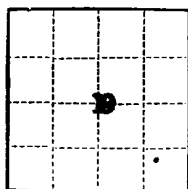


(SUBMIT IN TRIPLICATE)

Land Office **Santa Fe**

Lease No. **SF - 078004**

Unit _____



T27N UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R10W
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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

February 13, 19 **61**

Government Evensen
Well No. **2-GD** is located **790** ft. from **N** line and **790** ft. from **E** line of sec. **19**
NW SE 19 **27N** **10W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin Dakota **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5976** 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)

See from 9-331a filed 8-24-60.

Moved workover rig on location 8-15-60.

Pulled Gallup and Dakota tubing strings.

Drilled Model D production packer at 6150'.

Set bridge plug at 5624'. Set 2" EUE tubing at 5597' and swab tested the Gallup. (Gallup section was perforated from 5523' to 5531' - in 7 5/8" casing.) Recovered 234 barrels of water /24 hours.

Swabbed well dry and recovered only 2.24 barrels of water /4 hours.

No oil was recovered while swabbing. Pulled tubing, set retrievable retainer at 4380', and squeeze cemented the Gallup casing perforations w/100 sacks cement to 3400 psi. After WOC 12 hours, drilled cement, cleaned up to top of bridge plug at 5624', and tested squeeze at 1500 psi for 1:00 hour - ok.

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

Company **THE FRONTIER REFINING COMPANY**

Address **4040 East Louisiana**

Denver 22, Colorado

By *[Signature]*

Title **Petroleum Engineer**

Drilled bridge plug @ 5624' and cleaned hole to 6360'.
Ran RTTS tool on 2" tubing. Set @ 6323'. Loaded hole and pumped water down the annulus. Good returns through the tubing, proved communication between perforations 6302'-6318' and 6331'-6336'. These zones are watered out.
Reset RTTS tool @ 6260' and pumped water down the annulus (4bbl/min @1350 psi). No returns through tubing indicated no communication between perforations 6184'-6196' and 6302-6318'. Pulled tubing.
Set bridge plug @ 6280'. Perforated 7 5/8" casing 6128'-6134'. Recovered 389.90 barrels of fluid (included 72.34 barrels of oil, cut 15% drilling mud. Remainder water) Before the well kicked off flowing wet gas. Bridged tubing while flowing. Subsequent swabbing after removing plug in the tubing, indicated the bridge plug @ 6280' did not hold. ~~6209'-6210'~~
Perforated 7 5/8" casing ~~@ 6209'~~, set RTTS tool @ 6248' and swabbed tubing: bridge plug definitely did not hold. Reset RTTS tool @ 6202', and pumped down the annulus (4 bbl./min. @1300 psi). No returns through the tubing indicated perforations 6184'-6196' and 6209'-6210' are not communicated.
Squeeze cemented bridge plug and perforations 6209-6210' (RTTS tool @ 6202') with 100 sacks of cement to 3600 psi.
After WOC 12:45 hours, set RTTS tool @ 6165' and swabbed hole dry: Recovered 35.24 bbl. water, no oil, no gas.
Pulled tubing and treated down 7 5/8" casing w/24,000 gallons of water and 20,000 pounds of 20/40 sand. Treatment screened out. Well began to flow back while cleaning out after frac treatment. Continued flowing and swabbing intermittently while cleaning up to P.B.T.D. @ 6212'.
Landed tubing @ 6189' and swabbed well in. Well could not maintain flow.
Shut in. Moved workover rig off location.