



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 079877

Unit _____

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS DEC 6 1962

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.....	

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

December 5, 1962

Well No. Butte 1-19 is located 1060 ft. from N line and 790 ft. from E line of sec. 19

SW Section 19 30N 13W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan County New Mexico
(Field) (County or subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5559 ft.

DETAILS OF WORK

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

Spud 7/9/62. Drilled 205', 12-1/4" hole. Ran 189' 2-5/8" surface casing set @ 200' KB w/125 sxs regular.

Drilled 7-7/8" hole to total depth 6199'. Ran IES and GRS log.

Ran 194 jts 4-1/2" production casing set @ 6198' w/175 sxs cement.

Perforated selected interval 5922-34, 5946-56, 5986-6004, 6010-14, 6030-40 w/4 shots/foot.

Frac as follows:

First Stage: 6010-40, 30,000# 20-40 sd., 36,162 gal water.
ITP 2600 psi, AIR 39.6 Bbls/min.

Second Stage: 5986-6004, 40,000# 20-40 sd., 38,050 gal water.
ITP 2700 psig, AIR 38.6/Bbl/min

(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 101 University Boulevard

Denver 6, Colorado

By R. L. Hurley

Title Chief Geologist

Third Stage: 5922-34, 5946-56, Frac. 25,000# 20-40 sd.
32,840 gal water. ITP 2200# AIR 38.3 Bbl/min.

Picked up tubing & drilled bridge plugs.

Ran 186 jts 1-1/2", 2.4# 10 Rd. tubing - set @ 6044'.

Initial potential test 8/9/62

Gauge 2391 MCFGPD

CAOF 2931 MCFGPD

7-day shut in tubing press. 1891 psig

7-day shut in casing press. 1901 psig