



5 USGS
1 Redfern & Hord
1 Christann
1 Pioneer Prod. (SUBMIT IN TRIPLICATE)
1 File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe

Lease No. IM 010063

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	<u>Frac Information</u>	<u>X</u>

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

June 25, 1962

Well No. Lucerne B-1 is located 1660 ft. from SW line and 1090 ft. from E line of sec. 17

NE/4 SE/4 Sec 17
(¼ Sec. and Sec. No.)

28N
(Twp.)

11W
(Range)

10PM
(Meridian)

Basin - Dakota
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the ground above sea level is 5713 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)

Pressure tested Csg. & B.O.P. w/4000 psi, held O.K., spotted 200 gal. Speerhead Acid, Perf. w/2 jets per foot 6271-6280 SWF w/6500# 20-40 sd, 18,400 gal wtr., B.D. 2400 psi, Max 3200 psi, Min 2900 psi, Ave 3100 psi, Instant Shut In Pressure 1200 psi, 5 min S.I. press. 900 psi, Ave I.R. 36.3 BPM; Perf w/2 jets per ft 6226-6246, SWF 50,000# 20-40 sd & 57,300 gal wtr., Max 3100 psi, Min 2500 psi, Ave 2700 psi, Instant S.I. pressure 1200 psi, 5 min S.I. pressure 1000 psi, Ave I.R. 39 BPM. Set B.P. at 6210', perf w/2 jets per ft 6144-54, 6164-74, perforations showed communications, SWF w/15,000# sd, 27,100 gal wtr. Initial 2800 psi, Max. 3000 psi, Min 2700 psi, Ave 2900 psi, Instant S.I. Pressure 1300 psi, 5 min S.I. 1100 psi, Ave I.R. 35.7 BPM.

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

Company Redfern and Hord, Inc.

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Farrington, New Mexico

By Original signed by T. A. Dugan

Title Consulting Engineer