

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. SF 070673
Unit Schlusser-Federal

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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| 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 tubing leak shut off | X |

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

December 5, 1960

Well No. 1 is located 790 ft. from N line and 1900 ft. from W line of sec. 10

10/4 10 27-N 11-W BPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Krts-Gallup Oil San Juan
(Field) (County or Subdivision)

New Mexico
(State or Territory)

Basin-Dakota ground

The elevation of the derrick floor above sea level is 6249 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)

- 10-12-60 Ran temperature survey inside Dakota string with Gallup flowing-detected two leaks in the string at 5335 feet and 6255 feet.
- 10-13-60 Pumped in 50 gals sodium silicate with 50 gals H₂O down Dakota string. Sealed off leak at 5335 feet.
- 10-17-60 Pumped in 100 gals of sodium silicate with 100 gals of water-results indicated leak still existed at 6255 feet with smaller opening than before.
- 10-28-60 Pumped in 75 gals sodium silicate down Dakota string with 35 gals mixed with H₂O-results indicated failure to seal off leak at 6255 feet.

(cont'd on back)

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

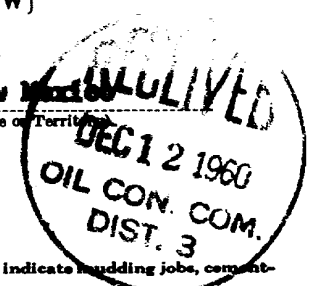
Company Western Natural Gas Company

Address 823 Midland Tower

Midland, Texas

By JMB Cook

Title Division Petroleum Engineer



- 11-22-60 Ran and set Otis type "F" bottom stop at 6273 feet. Ran and set one jt of one (1) inch tubing (30.10 feet) with Otis type "F" pack off assembly on each end. Ran and set Otis top stop at 6242 feet isolating leak in tubing. Minimum clearance for Dakota flow is 5/8" ID, tubing ID equals 1.049"; OD equals 1.315".
- 11-26-60 SI both zones for official packer leakage test.
- 11-30-60 Packer leakage test taken and all leaks appear to be sealed off-no communication between zones.