



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 81 06078
Unit 31

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	

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

August 8, 1951

Cain
Well No. 15-D is located 970 ft. from S line and 900 ft. from W line of sec. 31
Section 31 (1/4 Sec. and Sec. No.)
Basin Dakota (Field)
Twp. R-25N (Twp.)
Range 3-W (Range)
Meridian N.M.P.M. (Meridian)
San Juan (County or Subdivision)
New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5745 ft. S.L.

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)

Total depth- 5570 S.D.T.D.-6531
Pan logs: top of Pictured Cliffs- 2000, Cliff House- 3630, Point Lookout- 4200
Gallup- 5536, Greenhorn- 5817, Oronoco- 6378, Dakota- 6490
Interstratified with a shale per foot from 5495-5544, 5502-5514, 5550-5570
set 217 jts., 6056' of 4 1/2" casing, landed at 6668'
stage collar- 4700
Cemented 1st stage with 250 sk., 2nd stage with 110 EYE-400, 100 sk. reg. crt.
Tested 2 hrs., with 5000 pressure
Live Gray.

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

Company Astec Oil & Gas Company

Address Drum 3 570
Parvinguan, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon

Title District Superintendent