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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SP 080781**
Unit **Cain**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
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)

Cain March 8, 1961
Well No. **13** is located **900** ft. from **[N]** line and **800** ft. from **[E]** line of sec. **16**
SW 1/4 Section 16 **T-28N** **R-10W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Astec, Pictured Cliffs **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5746** ft. **O.L.**

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)

Total depth- 1965' P.B.T.D. - 1945'
Run logs: top of Pictured Cliffs- 1872'
Perforated from 1874-1914 with 4 shots per foot
Set 1955' of 2 7/8" casing, landed at 1964' with 90 sacks out.
Swabbed hole dry, tested 2 hrs., with 500# pressure. Pipe Clay.
Fraced with 30,000# 20/40 sand, 10,000# 10/20 sand and 700 Hbls. water,
flushed with 80 Hbls. water.
Breakdown pr. - 2800#
dropped 14 rubber ball sealers.
I.P. - 15 bpm
treating pr. - 2600#, 5 min. shut-in pr. - 300#
Shut in for gauge.

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

Company **Astec Oil and Gas Company**

Address **Drawer # 570,**
Farlington, New Mexico

By **ORIGINAL SIGNED BY JOE C. SALMON**
Joe C. Salmon
Title **District Superintendent**