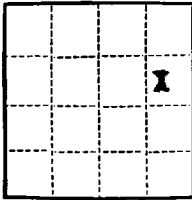


IV MCC



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 076337
Unit Heath Gas Unit "A"

SUNDRY NOTICES AND REPORTS ON WELLS

JAN 2 1958

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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

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

Heath Gas Unit "A"

Farmington, New Mexico December 31, 1957

Well No. 1 is located 1600 ft. from [N] line and 1090 ft. from [E] line of sec. 32

NE 1/4 of Section 32
(1/4 Sec. and Sec. No.)

R-30-W
(Twp.)

R-9-W
(Range)

N.M.P.M.
(Meridian)

Blanco-Mesaverte
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5768 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)

Workover rig was moved on Heath Gas Unit "A", well No. 1, on December 4, 1957, and attempted to pull tubing which was stuck. Ran free point, but was unable to get below 4088'. Cut tubing at 4088' and pulled same. Ran overshot to 4076', but was unable to reach top of fish due to hole conditions. Cleaned out with 6-1/4" bit to top of fish at 4080'. Squeezed below cement retainer set at 3197' with 300 sacks of cement. Drilled retainer and solid cement to 3950'. Put on flat bottom bit with reamer and drilled solid cement to 4020'. Set whipstock at 4020'. Drilled to 4086' and encountered top of fish in old hole at 4080'. Set retainer at 3908' and squeezed open hole with 150 sacks of cement. After waiting on cement for 36 hours, drilled cement plug to 3984' with gas. Set second whipstock at 3984'. Drilled whipstock hole to 4777'. 5" liner set at 3882'-4777' in lead seal packoff with 100 sacks 6% gel cement. Drilled plug to 4756'. Tested casing but could not pressure up. Ran HRC tool set at 3838' and squeezed top of liner with 150 sacks of cement. (See returns side.)

Company Pan American Petroleum Corporation

Address Box 487

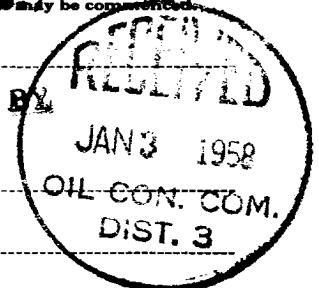
Farmington, New Mexico

ORIGINAL SIGNED BY

D. J. SCOTT

By

Title Field Clerk



Tested casing with 2500 pounds (special test) which held ok. Perforated with two shots per foot 4625-50, 4660-84, 4702-40. Sand-water fracked with 50,000 gallons water and 70,000 pounds sand. Formation broke at 2500 pounds. Average injection rate 59 BPM. Set bridge plug at 4210 which failed to hold. Set second plug at 4207 and tested to 2500 pounds, which held ok. Perforated with two shots per foot 4052-65, 4074-94, 4104-14, 4131-40, 4148-80. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Formation broke at 2000 pounds. Average injection rate 52 BPM. Drilled second bridge plug and cleaned out to 4744'.

Preliminary test 12/26/57, 8592 MCYPD, Pitot Tube Measurement.