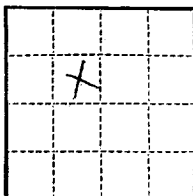


NM ACC

(SUBMIT IN TRIPLICATE)

Indian Agency _____
Navajo Tribal
Allottee _____
Lease No. **I-89-IND-58**



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
DEC 20 1957
GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR

| | | |
|---|--|--|
| 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 REDRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING 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)

USG Section 18

Farmington, New Mexico December 17, 1957

Well No. **18** is located **1900** ft. from **N** line and **1900** ft. from **W** line of sec. **18**

NW/4 of Section 18
(1/4 Sec. and Sec. No.)

T-29-N
(Twp.)

R-16-W
(Range)

NMPM
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **5178** 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)

USG Section 18, Well No. 18, was spudded on November 17, 1957, and on November 19, 1957, 7" casing was set at 66' and cemented to surface with 25 sacks of cement. After waiting on cement to set for 48 hours, casing held ok.

On December 1, 1957, 3-1/2" casing was set at 840' with 37' of 4" line pipe set on top. Casing was set with 160 sacks of cement which was circulated to surface. After waiting on cement for 48 hours, casing held ok.

RECEIVED
DEC 23 1957
OIL CON. COM.
DIST. CO.

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

Company **Pan American Petroleum Corporation**

Address **Box 487**

Farmington, New Mexico

ORIGINAL SIGNED BY
D. J. SCOTT

By _____

Title **Field Clerk**

| | | |
|---|--|--|
| | | |
| X | | |
| | | |

(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Indian Agency Navajo Tribal
Allottee _____
Lease No. I-89-IND-58

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 | <u>JAN 2 1958</u> |
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | X |
| NOTICE OF INTENTION TO ABANDON WELL | | |

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

USG Section 18

Farmington, New Mexico January 29, 19 58

Well No. 18 is located 1960 ft. from N line and 1900 ft. from W line of sec. 18

NW/4 of Section 18

T29N

R16W

N.M.P.M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Wildcat

San Juan

New Mexico

(Field)

(County or Subdivision)

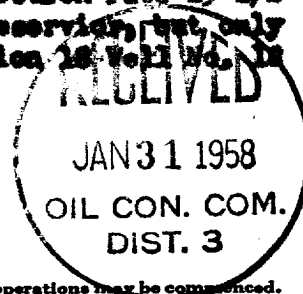
(State or Territory)

The elevation of the derrick floor above sea level is 5178 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)

USG Section 18 Well No. 18 pay section was flushed with 25 barrels oil. Max pressure 600, average injection rate 6.6 barrels per minute. After testing operations, oil in commercial quantities was not obtained. This well was then stimulated by fracture treatment of 2900 gallons Dakota crude and 2500 pounds sand. Maximum treating pressure 1200 pounds. Average injection rate 13-1/2 barrels per minute to determine the oil potential of the reservoir, but only water was obtained. Approval to plug and abandon USG Section 18 Well No. 18 has been obtained.



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

Company Pan American Petroleum CorporationAddress Box 487Farmington, New Mexico

**ORIGINAL SIGNED BY
D. J. SCOTT**

By _____

Title Field Clerk

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo Tribal

| | | |
|--|----------|--|
| | | |
| | X | |
| | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-89-IND-58

Verbal Approval received from USGS 1/27/58.

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 REDRILL OR REPAIR WELL _____ | | SUBSEQUENT REPORT OF REDRILLING 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 _____ | X | | |

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

USG Section 18

Farmington, New Mexico January 27, 1958

Well No. 18 is located 1980 ft. from N line and 1980 ft. from W line of sec. 18

NW/4 of Section 18
(1/4 Sec. and Sec. No.)

T-29-N
(Twp.)

R-16-W
(Range)

N.M.P.M.
(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

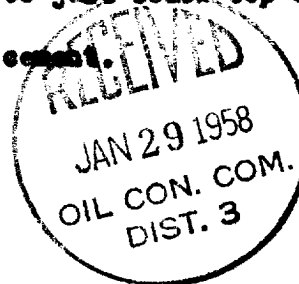
The elevation of the derrick floor above sea level is 5176 ft.

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)

We propose to plug USG Section 18 Well No. 18 in the following manner:

1. Capacity of casing is about 7-1/2 barrels or 38 sacks. Use 50 sacks of cement to fill casing for plug and abandon. Displace to just below top of head.
2. Erect surface marker and fill remainder of pipe with cement.
3. Restore ground to original contours.



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

Company Pan American Petroleum Corporation

Address Box 487

Farmington, New Mexico

ORIGINAL SIGNED BY
D. J. SCOTT

By _____

Title Field Clerk