

Form 9-381 b
(April 1952)

MAY 15 1956

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Contract 11-20-60-978

Allottee Tract 17

Lease No. _____

APPROVED

| | | |
|-------------------|------------|--|
| | | |
| (Orig. Sgd.) | J. W. LONG | |
| DISTRICT ENGINEER | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
APR 25 1956
U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

| | | | |
|---|--|--|-------------------------------------|
| 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 | | <u>Subsequent reports of perforating and acidizing</u> | <input checked="" type="checkbox"/> |

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

MEMORANDUM OF INTENT TO DRILL

Farmington, New Mexico, April 24, 1956

Well No. 1 is located 1900 ft. from [S] line and 640 ft. from [W] line of sec. 29

1/4 of SW 1/4 of Sec. 29 20-N 20-W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Four Corners Area W/O San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4834 ft.

RECEIVED
MAY 16 1956
OIL CON. COM.
DIST. 3

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)

4/20/56; Work in w/holes torpede job & perf. 1 shot per ft. from 5672-5684. Set 5670', 100 Jts. (2" space nipples) of 2" thg. at 5600'. Per. set at 5615'. Stopped well dry. Sl. show of gas & trace of oil. Attempted to acidize w/2000 gals. Dowell 12 non-oxidizing acid. Foam would not take acid at 7500' after acid on foam. 2 1/2 hrs.
4/20/56; Set Baker GI bridge plug on w/hole wire line at 5640'. Perf. 3/4" cas. 5600-5632 w/ 100 shots per ft.
4/20/56; Set 5621', 100 Jts. 2" thg. at 5633'. Sweet per. set at 5649' Stopped well to 2900'. Started flowing. In 9 1/2 hrs. flowed at rate of 7 bbls. per hr. 20-25 mud & 25, on 3/4" choke. Added w/500 gals. Dowell mud acid. Foam breakdown pr. 1200'. Broke to 2250', then to 2000'. Injection rate 1 bbl./min. Shut in pr. wire after 2 min. Run back 3 times. Well kicked off.
4/21/56; On 21 hr. test flowing through 3/4" choke well produced 427.27 bbls. fluid, average 20 1/2 bbls. (304.57 bbls. oil & 12.70 bbls. water) TP at start of test 1250'. Gradually decreased to 1075'. Produced gas at ave. rate of 3753 MCF per 600 of 9775. Gases @ 43.7 Chloride 15.000.

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

Company Shell Oil & Refining Company
Address Box 1248
Farmington, New Mexico

By J. W. Long
Title Dist. Chief Clerk

1. Introduction
2. Methodology
3. Results
4. Discussion
5. Conclusion

The first part of the study focuses on the theoretical framework. It discusses the importance of understanding the underlying mechanisms of the process being studied. The methodology section describes the experimental design and the data collection procedures. The results section presents the findings of the study, which show a significant correlation between the variables. The discussion section interprets these findings in the context of the existing literature. Finally, the conclusion summarizes the main points of the study and suggests directions for future research.

The second part of the study focuses on the empirical analysis. It involves the application of statistical methods to the collected data. The results of the analysis indicate that the proposed model is a good fit for the data. The discussion section further explores the implications of these findings and their relevance to the field. The conclusion reiterates the key findings and emphasizes the need for further research in this area.

The third part of the study focuses on the practical implications of the findings. It discusses how the results can be used to inform decision-making and policy development. The discussion section also addresses the limitations of the study and the potential for future research. The conclusion provides a final summary of the study's contributions and its overall significance.

The fourth part of the study focuses on the broader context of the research. It discusses the relationship between the study and other related work in the field. The discussion section also considers the ethical implications of the research and the need for transparency and accountability. The conclusion provides a final reflection on the study's impact and its contribution to the advancement of knowledge in the field.