

(SUBMIT IN TRIPLICATE)

Indian Agency Navaajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Alotted
Lease No. 14-20-103-1253

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

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

January 15, 1960

Well No. 31-18 is located 660 ft. from N line and 1980 ft. from E line of sec. 18
25 N. 11 W. N.T.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Misti San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation ~~at the bottom of the casing~~ is 6293 ft.

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)

Proposed work:

1. Drill 12-1/4" hole to 100'±.
2. Cement 8-5/8", 20#, J-55 casing at 100'± with 100 sacks cement (circulated).
3. Drill 7-7/8" hole to 5080'± (objective - Gallup)
4. Cement 4-1/2", 9.5#, J-55 casing at 5075' with 150 sacks cement.
5. Perforate four 1/2" holes/ft. selected intervals between 4825-5025'.
6. Spot 200 gal. mud acid, sand oil fracture with 50,000 gal. crude, 1/2 gal. sand.
7. Recover load and frac oil, establish initial rate.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations are begun.

Company Shell Oil Company

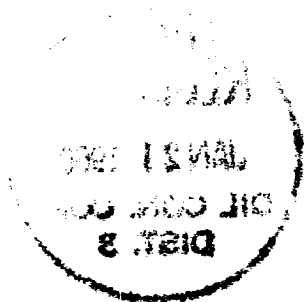
Address Post Office Box 138

Farlington, New Mexico

Original signed by
R. S. Mac ALISTER, JR.

By R. S. Mac Alister, Jr.
Title Division Exploitation Engineer





NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date January 5, 1960

Operator Shell Oil Company Lease Carson Unit
 Well No. 31-18 Unit Letter B Section 18 Township 25 N. Range 11 W. NMPM
 Located 660 Feet From The North Line, 1980 Feet From The East Line
 County San Juan G. L. Elevation 6393 Dedicated Acreage 40 (80 JOINT) Acres
 Name of Producing Formation Gallup Pool Bisti

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes X No

2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below.

Owner

Land Description



Section B.

This is to certify that the information
 in Section A above is true and complete
 to the best of my knowledge and belief.

Shell Oil Company

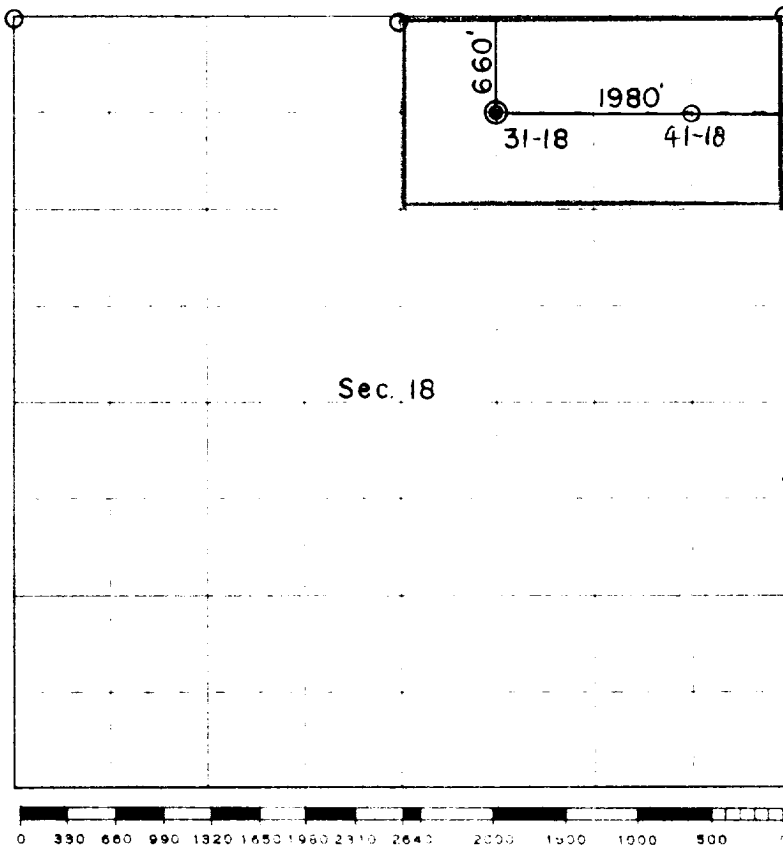
Original Signed by
R. S. Mac ALISTER, JR.
 (Representative)

P.O. Box 158

(Address)

Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys
 made by me or under my supervision and that the same are true and correct to the best
 of my knowledge and belief.

(Seal)

Date Surveyed

1-4-60

Clarence H. Fitzgerald L.S.#3181
 Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

7-20-1154