

(SUBMIT IN TRIPPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

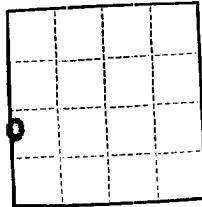
Lease No.

Unit

STATE 100

TM COTTON

Road



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 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)

July 13

, 1961

Field Well No. 23-2 is located 1670 ft. from [S] line and 1190 ft. from [W] line of sec. 17

SW 1/4 Section 17
(1/4 Sec. and Sec. No.)

Twp. (Twp.)

Ranch (Range)

H.M.P.M. (Meridian)

Pasture Dakota
(Field)Sec. 17
(County or Subdivision)State, U.S.A.
(State or Territory)

The elevation of the derrick floor above sea level is 5200 ft. G.L.

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)

Total depth 6600 ft. M.D. - 5635
 First loght top of pickeed cliff - 2050, cliff No. 20 - 3715, White Lockets - 4550,
 Galaxy - 5342, Graneros - 5312, Dakota - 6464
 Perforated down 6400-6500, 6500-6600, 6600-6700 with 4 slots per foot
 Set 213 J.W., 6636' of 4 1/2" casing, landed at 6635
 S.Y. tool - 6500
 Cased 1st stage with 270 in. ext. 2nd stage with 303 in. 273-400 and 100 in. 100.
 Drilled 2 hrs., with 300 ft. pressure
 Pipe clay.

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

Company

Astro Oil and Gas Company

Address

Premises # 770, Bismarck, N.D.

ORIGINAL SIGNED BY JOE C. SALMON

By

Joe C. Salmon

Title Manager, Superintendent

GP 0 862040