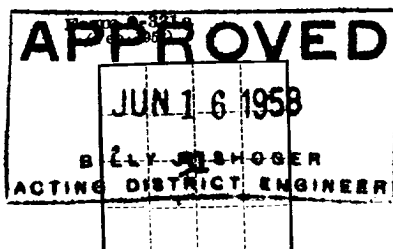


JUN 18 1958
Budget Bureau No. 42-R358.4
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 080238A
Unit Morgan

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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)

June 6, 1958

Well No. 4 is located 2310 ft. from NE line and 330 ft. from W line of sec. 31

SW-1/4, NW 1/4 31
(1/4 Sec. and Sec. No.)

T 27 N
(Twp.)

R 12 W
(Range)

NMPM
(Meridian)

North Bisti - Gallegos
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5902 ft. KB 5894 GR

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)

5/3/58 Spud 12 Noon 5/2/58 Drld 13 3/4" surf hole to 233' KB. Ran 7 jts N-
9 5/8" 32.3# N-40 ST&C 8 rd snls csg, landed @ 228' KB; cem w/200 sac Ideal reg
25 CaCl₂ w/1/2# Floccs/sk. Rocky Mtn plug down Noon 5/3/58. WOC 130 hrs - tstd
surf csg w/500# for 15 min.
5/18/58 Drld 8 3/4" hole to 5066 KB (STM) Ran Schlumberger RS/IND log to their
TD 5066 (drld addtl hole to 5081 KB) Ran 159 jts N - 5 1/2" 15.5# J-55 ST&C 8 rd
snls CP&I csg landed @ 5078' KB. Cem w/125 sac 50/50 Pozzomix & Ideal reg w/45
gal; Howco plug down 7:00 p.m. 5/17/58. Top cement by temp survey @ 4400 KB

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

Company THE FRONTIER REFINING COMPANY

Address 4040 East Louisiana Avenue

Denver 22, Colorado

USGS (2); ERO (2)

By G. W. Hoffman
Title Field Superintendent