



COPY TO O. C. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

April 29, 1955

Gulf Oil Corporation
Drawer 2089
Casper, Wyoming

Re: Navajo 1-119-ind-9241

Gentlemen:

Your "Subsequent Report of Abandonment" dated May 6, 1955,
covering your well No. 1 Navajo, located on subject lease in 38, sec. 28,
T. 25 N., R. 16 W., E. 4. S. W., San Juan County, New Mexico is hereby
approved.

Very truly yours,

(Orig. Sgd.) P. T. McGRATH

P. T. McGrath
District Engineer

PTMcGrath:as

Inspected by:
P.T. McGrath
April 29, 1955



DEPARTMENT OF THE ARMY
WASHINGTON, D. C. 20315

100-100000-100000



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal
Allottee
Lease No. I-149-Ind-9242

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	<input checked="" type="checkbox"/>
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)

RECEIVED
MAY 9 1955
U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Well No. 1 is located 1650 ft. from S line and 1650 ft. from E line of sec. 28
SE 1/4 Sec. 28 25N 16W NMPM
(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 Kelly bushing above sea level is 5425 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)

TD 10,020'. 13-3/8" OD surface casing set at 985' and 9-5/8" OD intermediate casing set at 8838'. Commercial production was not encountered. During drilling operations, artesian water flow from Morrison formation was encountered, which was found unsuitable for domestic or agricultural uses. Spotted 90 sacks Ideal Regular cement through drill pipe from 9650' to 9800' and 55 sacks from 8790' to 8890'. Jet perforated with 20 holes from 5000' to 5010'. Set Baker RT-8 packer at 4847'. Established feed-in rate of 3 barrels per minute at 1400 psi with fresh water. Spotted 100 sacks Ideal Regular cement with 1/4 pound Floccs per sack through perforations with full returns of mud on 13-3/8" - 9-5/8" annulus. Displaced with 76 barrels mud with maximum pressure 1400#, standing 600# in 5 minutes at 5:51 a.m. 3-3-55. Closed 13-3/8". 5:59 a.m. displaced 1/2 barrel with maximum 1300#, standing 450#; 6:19 a.m. displaced 1/2 barrel with 600#, standing 450#; 6:55 a.m. displaced 1/2 barrel with 1000#, standing 500#. (Over)

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

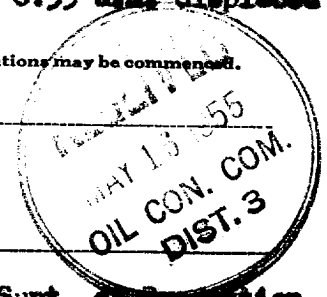
Company Gulf Oil Corporation

Address Drawer 2089

Casper, Wyoming

By

Title Asst. Area Supt. of Production



Total 78 barrels. Cement displaced to 4970', leaving 30' in pipe. Set per-
 formed by Schlumberger with 10 holes from 4600' to 4605'. Set Baker RT-8
 packer at 4445'. Squashed 150 sacks Ideal Regular cement with 1 1/4 pound Flocrete
 per sack, with maximum pressure 1500' and displaced to 4537'. Inside 9-5/8"
 casing. Job complete 5 p.m. 3-4-55. Temperature survey at 10 p.m. showed top
 of cement at 4260' behind 9-5/8" casing. Still had 1" stream water flow from
 13-3/8" - 9-5/8" annulus. Set performed by Schlumberger with 5 holes from
 4000' to 4008-1/2'. Circulated down 9-5/8" casing at 300 psi with 116 and small
 casing perforations plugged. Reversed circulation into 13-3/8" casing and out
 9-5/8" casing at 300 psi and perforations plugged with 50 pounds in. Reported
 this operation three times but failed to kill water flow. Set performed 10
 holes from 3900' to 3905' by Schlumberger. Circulated and killed water flow.
 Determined casing true point by Dialog at 4190'. Shot off 9-5/8" casing at
 4173' with Dialog jet cutter and recovered 122 joints and 2 pieces of 9-5/8"
 casing. Set cement plugs through drill pipe by HOKO using Ideal Regular bulk
 cement as follows:

50 sacks from 4090' to 4173'
 85 sacks from 3900' to 3905'
 85 sacks from 2300' to 2400'
 75 sacks from 915' to 1015'

Job completed 10130 p.m. 3-6-55. Capped well with 10 sacks cement. Filled 10'
 in top of surface casing and set weather post.