

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock _____
Allottee Navajo Tribal
Lease No. 11-20-603-734

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/> 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 _____	

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

APR 28 1959

April 27

GEOLOGICAL SURVEY

Navajo
Well No. 36 is located 660 ft. from [N] line and 1980 ft. from [W] line of sec. 29
0 1/2 NW Sec. 29 31 N 16 W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe Gallup ext San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground surface above sea level is 5111.8 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)

We propose to drill a well at the above location to an approximate total depth of 1350' for completion in the Gallup formation. 100' of 8-5/8" O.D. casing will be set and cemented to surface. Should the well prove productive a 4-1/2" O.D. oil string will be used.



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

Company The Atlantic Refining Company

Address P. O. Box 520

Casper, Wyoming

By

AD Klepfer

Title

Drilling Superintendent

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator ARCO Oil and Gas Company, Div. of Atlantic Richfield Co.	Well API No. 3004510429
Address 1316 E. Mojave, Farmington, New Mexico 87401	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name HORSESHOE GALLUP UNIT	Well No. 36	Pool Name, including Formation HORSESHOE GALLUP	Kind of Lease State, Federal or Fee	Lease No. 14-20-603-734
Location				
Unit Letter C	660	Feet From The NORTH	Line and 1990	Feet From The WEST
Section 29	Township 31N	Range 16W	NMPM	SAN JUAN County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
GIANT TRANSPORTATION	P.O. BOX 256 FARMINGTON, NM 87499					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When?
	K	32	31N	16W	NO	

If this production is commingled with that from any other lease or pool, give commingling order number.

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res v	Diff Res v
Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.				
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay		Tubing Depth				
Perforations		Depth Casing Shoe						

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	AUG 06 1990
Length of Test	Tubing Pressure	Casing Pressure	Choke
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (psia, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature David Corzine
DAVID CORZINE PROD SUPERVISOR
Printed Name
Date AUGUST 3, 1990
Telephone No.

OIL CONSERVATION DIVISION

Date Approved AUG 08 1990

By [Signature]
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

RECEIVED
JAN 10 1960
U.S. AIR FORCE
HONOLULU, HAWAII

RECEIVED
JAN 10 1960
U.S. AIR FORCE
HONOLULU, HAWAII

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock _____

Allottee Navajo Tribal

Lease No. 14-20-603-734

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 _____
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 12, 19 59

Well No. 36 is located 669 ft. from N line and 1980 ft. from W line of sec. 29

CHEM Sec. 29 31 N 16 W N.H.P.M.
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Horseshoe Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground above sea level is 5141.8 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, including points, and all other important proposed work)

Spudded 3:00 P.M., 5-25-59. Drilled to 100' GL. Ran 3 jts 8-5/8" OD 24" J-55 casing = 94-60'. Set at 95-60' and cemented with 115 sacks common cement. Job complete 4:00 P.M., 5-30-59. WOC 9 days. Tested casing with 500# 30 minutes, O.K. Started drilling plug 5:00 A.M., 5-9-59. Drilled to 1319' TD. Ran Induction ES and SP Sonic logs, their TD 1304'. Ran 40 jts 4-1/2" OD 9.5" J-55 casing = 1302-58'. Set at 1311-78' and cemented with 150 sacks Pozmix. Plug down 5:30 A.M., 6-8-59. WOC to 5:00 A.M., 6-9-59. Tested 4-1/2" casing with 1000# 30 minutes, O.K. Ran Gamma Ray Correlation log, their PB 1276'. Perforated 1244-1261' Sch & GR with 68 jets. Treated perforations with 100,000# 10/20 sand in 292.32 gallons lease crude. Formation broke down 3000-1400'. Average treating pressure 1800#, average injection rate 37 BPM. Job complete 10:30 A.M., 6-9-59.

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

Company The Atlantic Refining Company

Address P. O. Box 520

Casper, Wyoming

By A. H. G. Fisher

Title Drilling Section Superintendent

Immunohistochemical staining