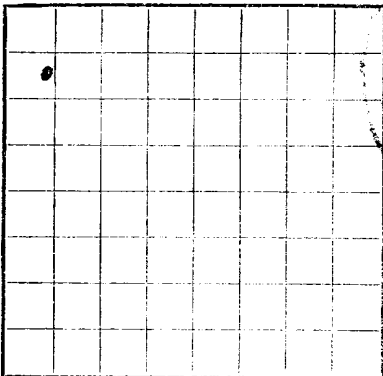


U. S. LAND OFFICE Gallup
SERIAL NUMBER Nav.-Ute Mtn TribalLEASE OR PERMIT TO PROSPECT
14-20-600-3531UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 30 1963

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company The Atlantic Refining Co. Address Box 2197, Farmington, N.M.
Lessor or Tract Navajo Field Undesignated State New Mexico
Well No. 17-2 Sec. 31N T. 16W R. Meridian NMPM County San Juan
Location 990 ft. XX of N Line and 400 ft. XX of W Line of Sec. 17 Elevation 5572
(Derrick floor relative to sea level)The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.Signed B. J. SustainDate July 29, 1963 Title Drilling & Production Superv

The summary on this page is for the condition of the well at above date.

Commenced drilling 6/14, 19 63 Finished drilling 6-20, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1474 to 1478 No. 4, from _____ to _____
No. 2, from 1608 to 1614 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>7 5/8</u>	<u>26.4</u>	<u>8</u>	<u>CR&I</u>	<u>92.03</u>	<u>Reg. Patt.</u>				<u>Surface</u>
<u>4 1/2</u>	<u>9.5</u>	<u>8</u>	<u>CR&I</u>	<u>1653.28</u>	<u>Floot</u>		<u>1608 1/2</u>	<u>1613 1/2</u>	<u>Production</u>
							<u>1474</u>	<u>1478</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7 5/8</u>	<u>93.03 SL</u>	<u>85sx</u>	<u>Pump & Plug</u>		<u>Cement Circ.</u>
<u>4 1/2</u>	<u>1664.78</u>	<u>100 sx</u>	<u>Pump & Plug</u>	<u>9.0#/gal</u>	<u>30 bbls.</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>1608 1/2</u>	<u>- 1613 1/2</u>	<u>w/16,000# 10/20 sd. & 2,000# 12/20 glass beads</u>	<u>- 22,600 gal lease crude</u>			
<u>1474</u>	<u>- 1478</u>	<u>w/14,000# 10/20 sd. & 2,000# 12/20 glass beads</u>	<u>- 21,700 gal lease crude</u>			
<u>SAND - OIL - FRACTURE</u>						

TOOLS USED

Rotary tools were used from 96+ feet to 1670 feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 96+ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing 1st new oil 6-28, 19 63The production for the first 24 hours was 96 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. SEE NOTE: Gravity, °Bé. 40.9° API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Signal Oilfield Service, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>188</u>	<u>188</u>	<u>Mesaverde Group</u>
<u>188</u>	<u>1440</u>	<u>1252</u>	<u>Mancos Shale</u>
<u>1440</u>	<u>1616</u>	<u>176</u>	<u>Niobrara Formation</u>
<u>1473</u>	<u>1494</u>	<u>21</u>	<u>Upper Niobrara Sandstone</u>
<u>1605</u>	<u>1616</u>	<u>11</u>	<u>Basal Niobrara Sandstone</u>
<u>1616</u>	<u>1660 T.D.</u>	<u>44</u>	<u>Juana Lopez member</u>

NOTE: Production of 96 B.O.P.D. shown above was from Upper Zone (1474-78) only. This
zone was tested separately for reservoir data. First new production from both
zones was 120 BOPD

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TRANSPORTER	OIL GAS
OPERATOR	2
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

B1

I. OPERATOR	
THE ATLANTIC REFINING COMPANY	
ADDRESS: BOX 2197 FARMINGTON, NEW MEXICO	
Reason(s) for filing (Check proper box)	
New Well <input type="checkbox"/>	Change in Transporter of: <input checked="" type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

TRANSPORTER CHANGED FROM SHELL OIL COMPANY TO SHELL PIPE LINE CORPORATION EFFECTIVE 12/31/69

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease
Many Rocks Gallup Project	17	Many Rocks Gallup	Tribal
Location:			
Unit Letter	D	990	Feet From The North Line and 400 Feet From The West
Line of Section	17	Township 31N Range 16W	San Juan County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Shell Oil Company	Box 1588, Farmington, New Mexico
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)
None	
If well produces oil or liquids, give location of tanks.	Unit L Sec 17 Twp 31N Rng 16W Is gas actually connected? No When

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.					
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company					Depth Casing Shoe		
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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
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 (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

B J Sartin
Drilling & Production Supervisor

2/1/65 (Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED FEB 2 1965, 19

BY Original Signed Emery C. Arnold

TITLE Supervisor Dist. # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.