

[illegible]

U. S. LAND OFFICE Galup
SERIAL NUMBER Nav. Ute Mtn Tribal
LEASE OR PERMIT TO PROSPECT 14-20-600-3531

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Atlantic Refining Co. Address Box 297, Farmington, N. M.
Lessor or Tract Navajo Field Undesignated State New Mexico
Well No. 17-4 Sec. 17 T. 31N R. 16W Meridian NMPM County San Juan
Location 1890 ft. N of 6 Line and 2150 ft. W of E Line of Sec 17 Elevation 5689
(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. Sartin

Date August 19, 1963 Title Drilling & Prod. Supv.

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

Commenced drilling 7-10-63, 1963 Finished drilling 7-19-63, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>1742</u> to <u>1742</u> No. 2, from <u>1609</u> to <u>1613</u> No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	94.12 GL	80	pump & plug		cement circulated
1-1/2	1811.68	100	"	8.8# /gal	30 bbls.

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
1740-1748	w/18000#	10/20 sd & 2000#	8/12 glass beads		in 22000 gal lease crude	
1609-1613	w/15000	10/20 sd & 1500	8/12 glass beads		in 20300 gal lease crude	
		SAND-OIL-FRACTURE	also	250 gal mud acid	ahead of each of above	

TOOLS USED

Rotary tools were used from 95' GL feet to 1840 TD feet, and from _____ feet to _____ feet

Cable tools were used from surface feet to 95' GL feet, and from _____ feet to _____ feet

DATES

Put to producing 8-15-63, 1963

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. -----

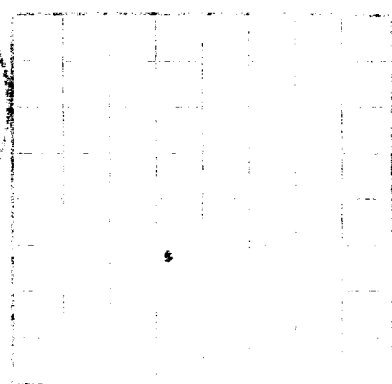
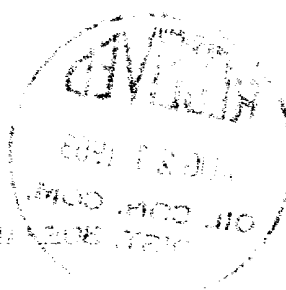
EMPLOYEES

Signal **Wilfield Service** _____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	274	274	Mesaverde group
275	1574	1300	Mancos shale
1574	1750	176	Niobrara formation — Gallup
1608	1621	13	Upper Niobrara sandstone
1739	1750	11	Basal Niobrara sandstone
1750	1768	18	Juana Lopez member — Sanostito
1768	TD	72	Carlile
	1840		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



newly established

1. *How long has the school been serving the community and how has it changed?*

১৪-০১-৭৭
 ১৪-০১-৭৭

0111 2345 67890123

DATE: 11/11/1967

[illegible][illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was disconnected or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. Plans or bridges were put in any test for water, state kind of material used, position, and results of pumping or lifting of water.

U. S. GOVERNMENT PRINTING OFFICE 16-58084-2

FROM-	TO-	TOTAL FEET	FORMATION
1768	1770	2	Carline
1770	1772	2	Guana Lopez member
1772	1774	2	Basal Nitobara sandstone
1774	1776	2	Upper Nitobara sandstone
1776	1778	2	Nitobara formation
1778	1780	2	Mancoes shale
1780	1782	2	Mesa Verde group

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
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

I. **THE ATLANTIC REFINING COMPANY**

Address: **BOX 2197 FARMINGTON, NEW MEXICO**

Reason(s) for filing (Check proper box)

New Well	☐	Change in Transporter of:	☒
Improvement	☐	Oil	☐
Change in ownership	☐	Casinghead Gas	☐
		Dry Gas	☐
		Condensate	☐

If change of ownership give name and address of previous owner

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

Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Many Rocks Gallup Project	Well No.	23	Pool Name, including Formation	Many Rocks Gallup	Kind of Lease	Tribal	
Location								
Section	J	1890	Feet From The	South	Line and	2150	Feet From The	East
Range	17	Township	31N	Range	16W	San Juan	County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Shell Oil Company	Address (Give address to which approved copy of this form is to be sent)	Box 1500, Farmington, New Mexico			
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	None	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	Range	Is gas actually connected?	When
	L	17	31N	16W	Yes	

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'tv.	Diff. Res'tv.
Date Drilled	Date Compl. Ready to Prod.	Total Depth	F.T.T.D.					
Name of Producing Formation	Name of Producing Formation	Test 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 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 Santain
(Signature)
Drilling & Production Supervisor
(Title)
2/1/65
(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.