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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

API # 30-045-22102

I. Operator
Atlantic Richfield Company
Address
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colorado 80203
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Horseshoe Gallup Unit	Well No. 291	Pool Name, Including Formation Horseshoe Gallup	Kind of Lease Federal	Lease No. State, Federal or Fee # 14-20-603-2022
Location Unit Letter <u>14A</u> : <u>50</u> Feet From The <u>North</u> Line and <u>50</u> Feet From The <u>East</u> Line of Section <u>23</u> Township <u>31N</u> Range <u>17W</u> , NMPM, <u>San Juan</u> 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"/> Shell Pipeline Company	Address (Give address to which approved copy of this form is to be sent) 1215 S. Lake Ave., Farmington, New Mexico 87401					
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 0	Sec. 19	Twp. 31N	Rge. 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 <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
Date Spudded 7/16/76	Date Compl. Ready to Prod. 8/4/76	Total Depth 1625'	P.B.T.D. 1596'					
Elevations (DF, RKB, RT, GR, etc.) 5873'GL; 5884'KB	Name of Producing Formation Lower Gallup	Top Oil/Gas Pay 1553'	Tubing Depth 1585'					
Perforations Lower Gallup 1555-1563'	Depth Casing Shoe 1625'							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	8-5/8" OD	141' KB	120 sx Cl."B"					
7-7/8"	5-1/2" OD	1625' KB	225 sx total					

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 7/31/76 (Swbg)	Date of Test 8/6/76	Producing Method (Flow, pump, gas lift, etc.) Pumping - 2" bore pump, 14 - 64" SPM	
Length of Test 24 hrs	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 381 BF	Oil - Bbls. 53 BO	Water - Bbls. 328 BW	Gas - MCF TSTM

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GAS WELL

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

M E Brauer
(Signature)
Operations Information, Asst.
(Title)

August 16, 1976
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
Original Signed by A. R. Kendrick
BY _____
TITLE _____

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

Horseshoe Gallup Unit, Well No. 291
Unit "A" - 50' f/North & 50' f/East lines
Section 23-31N-17W
San Juan County, New Mexico

DEVIATION TESTS:

1/4° @ 143'
1/4° @ 650'
1-1/4° @ 950'
1/2° @ 1250'

AFFIDAVIT

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken on Atlantic Richfield Company's Horseshoe Gallup Unit, Well No. 291, located 50' from the North line and 50' from the East line of Section 23-31N-17W, San Juan County, New Mexico.

M. E. Brown
M. E. Brown

State of Colorado)
) SS
County of Denver)

Before me, the undersigned authority, on this day personally appeared M. E. Brown, known to me to be the Operations Information, Assistant for Atlantic Richfield Company, and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein, and that said statement is true and correct.

Subscribed and sworn to before me, a Notary Public, in and for said County and State this 16th day of August, 1976.

Lachlan L. Jensen
Notary Public

My Commission Expires: 10-9-77

AUG 1976