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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 Oil C-104 and Gas C-104  
Effective 1-1-68

I. Atlantic Richfield Company  
Address P. O. Box 1710, Hobbs, New Mexico 88240  
Reason for filing Included in Seven Rivers Queen Unit eff: 9-1-73. Change in lease name from Rodman Jones #5.  
If change of ownership give name and address of previous owner Gackle Oil Company, P. O. Box 2038, Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

Well Name	Seven Rivers Queen Unit	Well No.	40	Section	40	Range	22S	Line	36E	Kind of Lease	State, Federal, or Fee	Fee
Location	Unit Letter <u>N</u> 1980 Feet From The <u>West</u> Line and <u>660</u> Feet From The <u>South</u>											
Line of Section	<u>35</u>	Township	<u>22S</u>	Range	<u>36E</u>	NMPMA	<u>Lea</u>	County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <u>X</u> or Condensate <u>  </u>	Address (Give address to which approved copy of this form is to be sent)					
<u>Texas New Mexico Pipeline Company</u>	<u>P. O. Box 1510, Midland, Texas 79701</u>					
Name of Authorized Transporter of Casinghead Gas <u>X</u> or Dry Gas <u>  </u>	Address (Give address to which approved copy of this form is to be sent)					
<u>Phillips Petroleum Company</u>	<u>Phillips Bldg. 4th &amp; Washington, Odessa, Texas 79760</u>					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Range	Is gas actually connected?	When
	<u>N</u>	<u>35</u>	<u>22S</u>	<u>36E</u>	<u>Yes</u>	<u>Unknown</u>

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	Side Rest.	Diff. Rest.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Well	Name of Producing Formation		Top of Gas Pay		Footing Depth			
Test results					Depth of String 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

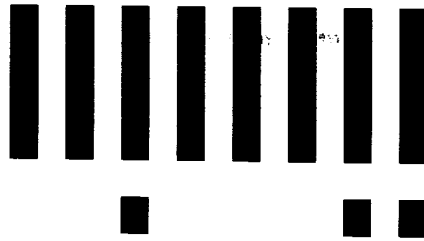
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

A. L. Shackelford  
(Signature)  
Administrative Supervisor  
(Title)  
August 9, 1973  
(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19 \_\_\_\_  
BY \_\_\_\_\_  
TITLE \_\_\_\_\_

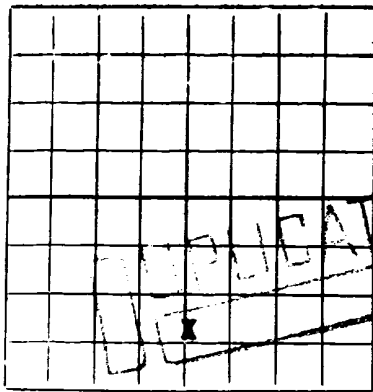
This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out 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.



**LTR**



**Job separation sheet**



# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico OFFICE 000

1958 SEP 24 AM 10 08  
**WELL RECORD**

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Albert Gackle, Operator**  
(Company or Operator)

**Redman Jones**  
(Lease)

Well No. **5**, in **SE** 1/4 of **SW** 1/4, of Sec. **35**, T. **22 S.**, R. **36 E.**, NMPM.

**South Eunice**

Pool,

**Len**

County.

Well is **1980** feet from **West** line and **660** feet from **South** line of Section **35**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **August 24**, 19 **59**. Drilling was Completed **September 6**, 19 **59**.

Name of Drilling Contractor **Gackle Drilling Company, Inc.**

Address **P. O. Box 2076, Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head **3474'**. The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from **3660** to **3680** No. 4, from to  
No. 2, from **3702** to **3712** No. 5, from to  
No. 3, from **3730** to **3740** No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>8-5/8</b>	<b>24</b>	<b>New</b>	<b>320'</b>	<b>Halliburton</b>			<b>Surface</b>
<b>4-1/2</b>	<b>9.5</b>	<b>New</b>	<b>3860'</b>	<b>Halliburton</b>		<b>3660 - 3680</b> <b>3702 - 3712</b> <b>3730 - 3740</b>	<b>Production</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>12-1/4</b>	<b>8-5/8</b>	<b>320'</b>	<b>250</b>	<b>Two Plug</b>		
<b>6-3/4</b>	<b>4-1/2</b>	<b>3860'</b>	<b>1590</b>	<b>Two Plug</b>		

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**Perforated 4 shots per ft., 3660 - 3680; 3702 - 3712; 3730 - 3740.**

**Treated with 4,000 gal. acid, 30,000 gal. oil, 30,000 lbs. sand, 120 ball sealers.**

Result of Production Stimulation **240 bbls. oil 24/hrs., 20/64, tubing pressure 350 psi, casing pressure - packer.**

Depth Cleaned Out

### RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to T. D. feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing.....**September 23**....., 19**59**

OIL WELL: The production during the first 24 hours was.....**240**.....barrels of liquid of which.....**100**.....% was  
was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I.  
Gravity.....**35**.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

### Southeastern New Mexico

## Northwestern New Mexico

T. Anhy.....	<b>1330'</b>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<b>1533'</b>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<b>2900'</b>	T. Montoya.....	T. Farmington.....
T. Yates.....	<b>3048'</b>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<b>3290'</b>	T. McKee.....	T. Menefee.....
T. Queen.....	<b>3696'</b>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....		T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1330'	1330'	Caliche, sand & red bed				
1330'	1533'	233'	Anhy.				
1533'	2900'	1367'	Salt, Anhy, & shale				
2900'	3048'	148'	Dolomite, sand, shale				
3048'	3290'	142'	Sand, shale, dolomite				
3290'	3696'	406'	Lime, sand, shale				
3696'	3860'	164'	Sand, lime				

**ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED**

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 23, 1959 (Date)

Company or Operator. **Albert Gackle, Operator** Address. **P. O. Box 2076, Hobbs, New Mexico**

Name *Paul P. Johnston* Position or Title. **Superintendent of Production**