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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

MAR 0 7 1986

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

OIL CON. DIV.
DIST. 3

Operator

READING & BATES PETROLEUM COMPANY

Address

3200 Mid Continent Tower Tulsa, Oklahoma 74103

Reason(s) for filing (Check proper box)

- ☒ New Well
☐ Recombination
☐ Change in Ownership

Change in Transporter of:

- ☐ Oil ☐ Dry Gas
☐ Casinghead Gas ☐ Condensate

Other (Please explain)

Change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Howard Federal 15	Well No. 43-15	Pool Name, including Formation Gavilan Mancos-Gallup	Kind of Lease Federal State, Federal or Fee	Lease No. /
Location Unit Letter L : 1650 Feet From The South Line and 790 Feet From The East Line of Section 15 Township 25N Range 2W NMPM, Rio Arriba County				

SF-0555076

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Giant Refining	Address (Give address to which approved copy of this form is to be sent) P.O. Box 256, Farmington, N.M. 87499
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ To be determined	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
L 15 25N 2W	No Unknown

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

NOTE: Complete Parts IV and V on reverse side if necessary.

I. 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 is true and complete to the best of my knowledge and belief.

FOR: READING & BATES PETROLEUM COMPANY

Ewell N. Walsh PE (Signature) President
Walsh Engineering & Production Corp.

3/6/86

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED

NOV 24 1986

BY

Original Signed by FRANK T. CHAVEZ

TITLE

SUPERVISOR DISTRICT #1

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.

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

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Reservoir	Drill R
Date Spudded 12/1/85	Date Compl. Ready to Prod. 3/1/86	Total Depth 7982'		P.B.T.D. 7953' 791.2					
Corrections (DF, RKB, RT, GR, etc.) 7249' GR	Name of Producing Formation Gallup	Top Oil/Gas Pay Gallup 6581' KB		Tubing Depth 6550' 6564					
Corrections 6581 - 7006				Depth Casing Shoe 7953' KB					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	9-5/8", 36 lb.	369' 374'	300 sacks 250
8-3/4"	7", 26 lb.	7953'	1610 sacks
	2-3/8"	6550' 6564	

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

OIL WELL GALLUP			
Date First New Oil Run To Tanks 2/21/86 3/1/86	Date of Test 3/1/86	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 hrs.	Tubing Pressure 50 psig	Casing Pressure Packer	Choke Size 48/64
Actual Prod. During Test	Oil-Bbls. 100 99	Water-Bbls. -0-	Gas-MCF 225 MCFPD

GAS WELL

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

Perforations: Gallup 6581, 6595, 6520, 6524, 6565, 6586, 6695, 6640, 6642, 6646, 6657, 6666, 6672, 6685, 6793, 6701, 6704, 6716, 6723, 6731, 6744, 6753, 6862, 6805, 6823, 6831, 6851, 6870, 6885, 6993, 7006.