

RYDER SCOTT MANAGEMENT COMPANY

922 EIGHTH STREET

PHONE (817) 723-5313

WICHITA FALLS, TEXAS



April 5, 1965

Copy to J. L.

RECEIVED

APR 7 1965

**O. C. C.
ARTESIA, OFFICE**

Mr. M. L. Armstrong, Supervisor
New Mexico Oil Conservation Commission
Drawer DD
Artesia, N. M.

Re: H. J. Loe No. 3 - Federal
C-30, 16-S, 31-E
Square Lake Field
Eddy County, N. M.

Dear Mr. Armstrong:

I believe the proper inserts have been made on Form C-104 to clarify the casing program on the above well. Sorry the entries were not clear relative to the tubing, casing and cementing record. A more explicit record is as follows:

30 feet of 13" casing was set at surface and completely cemented with 20 sacks.

11" hole was drilled from 30' to 420'

7-7/8" hole was drilled from 420' to 3275' (T.D.)

5-1/2" 15# casing set from 0' to 536'

5-1/2" 15# casing set from 3272' to 3274'

5-1/2" 14# casing set from 536' to 3242'

The 5-1/2" casing was cemented with 250 sacks from 3274' (T.D.) up the hole to whatever depth it reached.

40 sacks of cement was spotted around the 5-1/2" at 400' through a 1" string of tubing.

You should be receiving our Sundry Notice on the 5-1/2" pipe from the U. S. G. S. soon as the Sundry Notices were mailed prior to Form C-104 being mailed to you.

Yours very truly,

RYDER SCOTT
MANAGEMENT COMPANY

Donald T. May
D. T. May

DTM:la

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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

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Operator Ryder Scott Management Company		APR 7 1965	RECEIVED
Address 922 - 8th St., Wichita Falls, Texas		O. C. C. ARTESIA, OFFICE	APR 2 1965
Reason(s) for filing (Check proper box) New Well <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership <input type="checkbox"/>		Other (Please explain) O. C. C. ARTESIA, OFFICE	
Change in Transporter of: Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate <input type="checkbox"/>			

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name H. J. Loe - Federal	Well No. 3	Pool Name, including Formation Square Lake, Grayburg-San Andres	Kind of Lease State, Federal or Fee Federal
Location Unit Letter C ; 330 Feet From The north Line and 1995 Feet From The west Line of Section 30 , Township 16-S Range 31-E , NMPM, Eddy 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"/> Continental Oil Company	Address (Give address to which approved copy of this form is to be sent) Drawer 1267, Ponca City, Okla.	
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 K Sec. 30 Twp. 16-S Rge. 31-E	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'v.	Diff. Res'v.
Date Spudded 2/17/65	Date Compl. Ready to Prod. 3/20/65		Total Depth 3275 ft.		P.B.T.D.			
Pool Square Lake	Name of Producing Formation Premier in Grayburg & Lovington in San Andres		Top Oil Pay 3037' in Grayburg 3218' in Lovington		Tubing Depth			
Perforations 26 holes 3037-42'; 23 holes 3080-85'; 59 holes 3218-30'					Depth Casing Shoe 3274'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 11" to 420' 3275' 7-7/8" - 420' to T. D.		CASING & TUBING SIZE 13" 5-1/2" - 15# csg. 5-1/2" 14.4# csg. 2-1/2" tubing		DEPTH SET 30 0-536' & 3242-74' 536' - 3242' 3188'		SACKS CEMENT 20 # surface 250 # from T.D. up hole. Spotted 40 # at 400'.		

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 3/27/65	Date of Test 3/29/65	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hrs.	Tubing Pressure 50#	Casing Pressure 0	Choke Size on pump
Actual Prod. During Test 75 bbls.	Oil-Bbls. 25	Water-Bbls. 50 *	Gas-MCF 1100

* This is water used for fracture treatment in Premier & Lovington Sands.
Water decreasing & oil increasing as more of the treating water is pumped.

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.

Vice President

March 31, 1965

(Signature)

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED

APR 7 1965

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BY

TITLE

OIL AND GAS INSPECTOR

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.