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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

I.

Operator Continental Oil Company	
Address P. O. Box 1621, Durango, Colorado	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Convert from water injection to producing status.
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of:	
Oil <input checked="" type="checkbox"/>	Dry Gas <input type="checkbox"/>
Casinghead Gas <input checked="" 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 Rattlesnake	Well No. 140	Pool Name, Including Formation Penn. "BCD"	Kind of Lease State, Federal or Fee Federal	Lease No.
Location				
Unit Letter H	1980	Feet From The North	Line and 660	Feet From The East
Line of Section 11	Township 29N	Range 19W	, NMPM, San Juan 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) P. O. Box 1621, Durango, Colorado	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Continental Oil Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1621, Durango, Colorado	
If well produces oil or liquids, give location of tanks.	Unit P	Sec. 2
	Twp. 29N	Rge. 19W
	Is gas actually connected? Yes	When 1-1-67

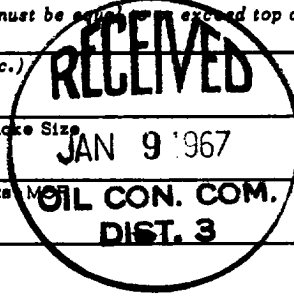
If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top 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 120	Length of Test 24	Bbls. Condensate/MMCF 300	Gravity of Condensate 54.3
Testing Method (pitot, back pr.) Flowing	Tubing Pressure (shut-in) 250#	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.

Original Signed By:
H. D. HALEY

(Signature)
District Manager

(Title)
1-6-67

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JAN 9 1967**, 19____

BY **Original Signed by 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 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.

1. The first part of the paper is devoted to a discussion of the
2. various methods which have been proposed for the determination of
3. the rate of reaction between a gas and a solid surface. It is
4. found that the most reliable method is that of measuring the
5. change in the rate of reaction when the concentration of the
6. gas is varied. This method is based on the fact that the rate
7. of reaction is proportional to the concentration of the gas.

8. The second part of the paper is devoted to a discussion of the
9. various factors which influence the rate of reaction between a
10. gas and a solid surface. It is found that the most important
11. factors are the temperature, the concentration of the gas, and
12. the nature of the solid surface. The rate of reaction increases
13. with increasing temperature and with increasing concentration of
14. the gas. The rate of reaction also increases with increasing
15. surface area of the solid. The rate of reaction is also
16. influenced by the nature of the solid surface. The rate of
17. reaction is highest for a solid which has a large surface area
18. and a high degree of porosity. The rate of reaction is also
19. influenced by the nature of the gas. The rate of reaction is
20. highest for a gas which has a high molecular weight and a
21. high boiling point.

