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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

MAY 14 1971

G. E. C.

ARTESIA, OFFICE

Operator Yates Petroleum Corporation	
Address 207 South 4th Street - Artesia, New Mexico 88210	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	CASINGHEAD GAS MUST NOT BE RELEASED AFTER 2-2-71 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED cf. # 2-31 6-24-71
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of:	
Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Casinghead 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 Federal "AY"	Well No. 2	Pool Name, Including Formation Penasco Draw S.A.	Kind of Lease 1/4, Federal of 7/8 Fed.
Location			
Unit Letter F	1650	Feet From The West	Line and 1490
Line of Section 25		Township 18S	Range 25E
		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"/>	Address (Give address to which approved copy of this form is to be sent)					
Scurlock Oil Company	414 Mid-America Bldg., Midland, Texas					
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 F	Sec. 25	Twp. 18S	Rge. 25E	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 X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 3-24-71	Date Compl. Ready to Prod. 5-7-71	Total Depth 9060'	P.B.T.D. 1660' / 597'					
Pool Penasco Draw S.A.	Name of Producing Formation San Andres	Top Oil/Gas Pay 1311	Tubing Depth 1301					
Perforations 1449½, 1444, 1441, 1438, 1435, 1431½, 1429, 1422, 1418, 1415, 1408, 1404, 1319, 1317, 1314, & 1311!			Depth Casing Shoe 1603'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17½"	13 3/8"		475'		500 SXS			
12½"	8 5/8"		1240'		600 SXS			
7 7/8"	5½" } Tapered		418.75' } 1602.55'		150 SXS			
	7"		1183.80'					

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 5-7-71	Date of Test 5-11-71	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 45	Oil - Bbls. 30	Water - Bbls. 15 BLW	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.

Eddie M. Manfood - Engineer  
(Signature)  
Eddie M. Manfood - Engineer  
(Title)  
5-14-71  
(Date)

OIL CONSERVATION COMMISSION

APPROVED  
BY W. A. Gressett  
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 deviate 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 multiple completed wells.

RECEIVED

MAY 19 1971

# DEVIATION SURVEY

**D. C. C.**  
**ARTESIA, OFFICE**

Yates Petroleum Corporation - Federal "AY" No. 2  
1650' FWL & 1490' FNL Section 25-18S-25E  
Eddy County, New Mexico

Depth Feet

470  
1091  
1240  
1403  
1520  
1720  
1847  
1931  
2122  
2447  
2733  
2952  
3653  
3962  
4138  
4382  
5013  
5717  
6293  
6657  
7424  
8310

## Deviation

$$\begin{array}{l} 1\frac{1}{2} \text{ deg} \\ 2\frac{1}{2} \\ 2 \quad 3/4 \\ 2\frac{1}{2} \\ 2 \quad 3/4 \\ 2\frac{1}{4} \\ 2\frac{1}{4} \\ 2\frac{1}{4} \\ 2 \\ 1\frac{1}{2} \\ 2 \\ 1 \quad 3/4 \\ 1 \\ 1/2 \\ 1 \\ 1 \\ 3/4 \\ 1/2 \\ 3/4 \\ 1/2 \\ 3/4 \\ 1\frac{1}{4} \end{array}$$

Sworn to this 18th day of May, 1971.

Eddie M. Mahfood  
Engineer for  
Yates Petroleum Corporation

STATE OF NEW MEXICO )  
 : ss  
COUNTY OF EDDY )

The foregoing instrument was acknowledged before me this 18th day of May, 1971 by Eddie M. Mahfood agent for Yates Petroleum Corporation.

My Commission expires

Billie R. Williams  
Notary Public in and for  
Eddy County, New Mexico

7-9-1973