

AtlanticRichfieldCompany

North American Producing Division

New Mexico-Arizona District

Post Office Box 1978

Roswell, New Mexico 88201

Telephone 505 622 4041

W. P. Tomlinson

District Engineer



March 8, 1967

New Mexico Oil Conservation Commission

P. O. Box 2088

Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Re: Swearingen "B" No. 6  
Swearingen Waterflood Project  
Shugart Pool  
Eddy County, New Mexico

Gentlemen:

Your Administrative Order WFX-245 authorized Atlantic Richfield Company to complete the subject well in the Queen formation as a water injection well at the following location:

990' FSL and 990' FWL of Section 14  
Township 18 South, Range 31 East, NMPM

A production test of the well prior to placing it on injection has shown that it has a sustained producing rate of approximately 50 BOPD. An attached Request For Allowable (Form C-104) gives results of a recent test. Therefore, it is desirable to continue this well on an oil producing status for the immediate future. Accordingly, we are submitting necessary forms through regular channels to show it to be a producing well. Our proposal is that we forego cancellation of the aforementioned Administrative Order, since it may be necessary to proceed with injection at some time. If this is satisfactory with you, let us know.

The following wells are now active in the project and should be used as a basis for computing allowable: Johnson Federal No. 1, Swearingen "A" Nos. 1, 2, 4, 5, 6, 7 and Swearingen "B" Nos. 1, 2, 3, 4, 5 and 6. The Swearingen "A" No. 3 was formerly an injection well but injection has ceased as reported to you in a recent letter.

Yours very truly,

W. P. Tomlinson

WPT:jcb

cc: N.M.O.C.C. - Artesia, N. M.  
U.S.G.S. - Artesia, N. M.

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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  
Atlantic Richfield Company  
Address  
Box 1978 - Roswell, New Mexico  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name L.M. Swearingen B	Well No. 6	Pool Name, Including Formation Shugart-Queen	Kind of Lease State, Federal or Fee Federal	Lease No. LC 047633(b)
Location Unit Letter M ; 990 Feet From The South Line and 990 Feet From The West Line of Section 14 Township 18S Range 31E , 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"/> Texas-New Mexico Pipeline Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1510 - Midland, Texas					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum	Address (Give address to which approved copy of this form is to be sent) Phillips Building - Odessa, Texas					
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 14	Twp. 18S	Rge. 31E	Is gas actually connected? No	When Vented Temporarily

If this production is commingled with that from any other lease or pool, give commingling order number: CTB-156

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Restv.	Diff. Restv.
Date Spudded 1-30-67	Date Compl. Ready to Prod. 2-13-67		Total Depth 3479		P.B.T.D. 3451			
Elevations (DF, RKB, RT, GR, etc.) 3702' DF	Name of Producing Formation Queen		Top Oil/Gas Pay 3397		Tubing Depth 3368			
Perforations 3397-3405 w/2JSPF (16 holes)					Depth Casing Shoe 3479			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4	8 5/8		767.65		437			
7 7/8	4 1/2		3478.90		300			
	2 3/8		3368.00					

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)

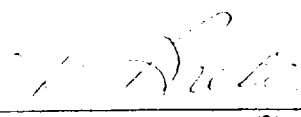
Date First New Oil Run To Tanks 2-17-67	Date of Test 3-7-67	Producing Method (Flow, pump, gas lift, etc.) Rod Pump	
Length of Test 18 Hours	Tubing Pressure 0	Casing Pressure 0	Choke Size 2"
Actual Prod. During Test	Oil - Bbls. 41	Water - Bbls. 2/10%	Gas - MCF Not Msd.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	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.

  
O. D. Bretches  
(Signature)  
District Drilling Supervisor  
(Title)  
March 8, 1967  
(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 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.