

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

CASINGHEAD GAS MUST NOT BE  
FLARED AFTER 6-1-91  
UNLESS AN EXCEPTION TO R-4070  
IS OBTAINED.

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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U.S.O.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROBATION OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator	SPENCE ENERGY COMPANY		Ph. 214-739-0027
Address	381 Two Energy Square, 4849 Greenville Ave. Dallas, Texas 75206		
Reason(s) for filing (Check proper box)	Change in Transporter of:	Other (Please explain)	
<input checked="" type="checkbox"/> New Well	<input type="checkbox"/> Oil	<i>marginal</i> *Request Temporary <del>Test</del> Allowable <i>for 60</i>	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	Estimated 1500 BO during April	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Dry Gas	<i>days pending approval of NSL</i>	
	<input type="checkbox"/> Condensate		

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Kellahin 14 State	4	South Flying M - Bough	State, Federal or Fee State	LG-1041
Location				
Unit Letter	P	980'	Feet From The South Line and	330'
			Feet From The East	
Line of Section	14	Township	9S	Range
				32E
			NMPM,	Lea
				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)			
NAVAJO REFINING COMPANY	P.O. Drawer 159, Artesia, N.M. 88210			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
WARREN PETROLEUM	P.O. Box 1589, Tulsa, OK 74102			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
	P	14	9S	32E
				Is gas actually connected? When
				No

If this production is commingled with that from any other lease or pool, give commingling order number: No

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

VI. 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.

Jerry W. Long  
JERRY W. LONG (Signature)  
Permit Agent  
(Title)  
April 16, 1991  
(Date)

OIL CONSERVATION DIVISION  
**APR 16 1991**  
APPROVED \_\_\_\_\_, 19\_\_\_\_\_  
BY ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR  
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.

\* OPERATOR PLANS TO INSTALL LARGER PUMP UNIT.

*Comp posted to LK 4/18/91*

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.				
1-7-91	3-31-91		8950'		8907'				
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth				
4336.4 GR	Bough		8876'		8904'				
Perforations							Depth Casing Shoe		
8876' - 8882' Bough							8950'		
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
11"		8-5/8"		1690'		600 sx			
7-7/8"		4-1/2"		8950'		400 sx			

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 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.)		
3-31-91	3-31-91	Pump		
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	
24 HR.	30#	30#	NA	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF	
	30	20	10	

GAS WELL

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

APR 17 1991