

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-104
Revised 10-01-78
Format 06-01-83
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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Grover Oil Company

Address
P O Box 3666, Midland, Texas 79702

Reason(s) for filing (Check proper box)
☒ New Well
☐ Recompletion
☐ Change in Ownership

Change in Transporter of:
☐ Oil
☐ Casinghead Gas

☐ Dry Gas
☐ Condensate

Other (Please explain)
Approval to flare casinghead gas from this well must be obtained from the BUREAU OF LAND MANAGEMENT (BLM)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Barber Federal	Well No. 2	Pool Name, including Formation West Teas (Yates 7 Rivers)	Kind of Lease State, Federal or Fee Federal	Lease No. NM-57280
Location Unit Letter <u>E</u> ; <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line of Section <u>9</u> Township <u>20S</u> Range <u>33E</u> , NMPM, <u>Lea</u> 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"/> Koch Oil Company, a Div. of Koch Ind., Inc.	Address (Give address to which approved copy of this form is to be sent) P O Box 1558, Breckenridge, Texas 76024
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 <u>E</u> Sec. <u>9</u> Twp. <u>20S</u> Rge. <u>33E</u>	Is gas actually connected? <input type="checkbox"/> When _____

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

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.



Secretary

(Title)

November 2, 1987

(Date)

OIL CONSERVATION DIVISION

APPROVED NOV 9 1987, 19 _____
BY Paul Kautz
Geologist
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.

IV. COMPLETION DATA

WELL 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 8-24-87		Date Compl. Ready to Prod. 10-17-87		Total Depth 3400'			P.B.T.D. 3250'		
Elevations (DF, RKB, RT, GR, etc.) 3554.9' GR		Name of Producing Formation Yates		Top Oil/Gas Pay 3138'			Tubing Depth 3173'		
Perforations 3138' - 3222'							Depth Casing Shoe 3392'		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8" 24#	1289'	400sx Lite & 200 P+2%CC
7 7/8"	4 1/2" 10.5#	3392'	550sx Lite & 200 sx P+
7 7/8"	2 3/8"	3173'	

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 10-17-87	Date of Test 10/20/87	Producing Method (Flow, pump, gas lift, etc.) Pumping, 1 1/4" Rod	
Length of Test 24 hr	Tubing Pressure 25	Casing Pressure 25	Choke Size -
Actual Prod. During Test 35 BO	Oil-Bbls. 35 BO	Water-Bbls. 40	Gas-MCF TSTM

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

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LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

September 2, 1987

Grover Oil Co.
PO Box 3666
Midland, Texas 79702

Re: Barbara Fed. #2 - E 9-20-33

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

486' - $1/2^{\circ}$
978' - $1/2^{\circ}$
1115' - $3/4^{\circ}$
1300' - $3/4^{\circ}$
1778' - $1/2^{\circ}$

2274' - $3/4^{\circ}$
2765' - $3/4^{\circ}$
3049' - $1\ 1/2^{\circ}$
3400' - 2 $^{\circ}$ T.D.

Sincerely,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 2nd day of September 1987 by Arnold Newkirk.

MY COMMISSION EXPIRES:

5-4-91

Bridgette Michelle Bateman
Notary Public

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