

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  
Page 1

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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-McKinney Oil Company		
Address P O Box 3666, Midland, Texas 79702		
Reason(s) for filing (Check proper box)	Change in Transporter of:	Other (Please explain)
<input checked="" type="checkbox"/> New Well	<input type="checkbox"/> Oil	Approval to flare casinghead gas from this well must be obtained from the BUREAU OF LAND MANAGEMENT (BLM)
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal	Well No. 3	Pool Name, including Formation West Teas <sup>SR</sup> (Yates)	Kind of Lease State, Federal or Fee Federal	Lease No. NM-51844
Location Unit Letter <u>J</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line of Section <u>9</u> Township <u>20S</u> Range <u>33E</u> , 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"/> 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 Sec. Twp. Rge. Is gas actually connected? When
	J 9 20S 33E

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.

*Carol Roberts*  
(Signature)

Agent  
(Title)

April 6, 1988  
(Date)

OIL CONSERVATION DIVISION

APPROVED APR 11 1988, 19

BY ORIGINAL SIGNED BY JERRY SEXTON  
TITLE DISTRICT I SUPERVISOR

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

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.			
2-26-88	3-25-88		3425'			3380'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
3540.5' GR	Yates		3022'			3025'			
Perforations						Depth Casing Shoe			
3022, 24, 34, 36, 40, 43, 45, 50, 86, 88, 92, 94 & 3100'						3420'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			
12 1/4"	8 5/8" 24#		1218'			500 sx HL & 250 sx P+			
7 7/8"	4 1/2" 10.5#		3420'			450 sx HL & 200 sx P+			
7 7/8"	2 3/8" Tbg		3025'						

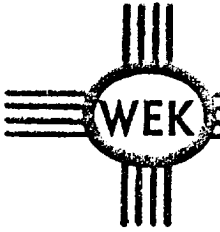
#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
3-25-88	3-30-88	pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs	N/A	25	-
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
80 BO	80 BO	5 BW	TSTM

#### 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

RECEIVED  
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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

March 09, 1988

Grover Oil Company, Inc.  
P.O. Box 3666  
Midland, Texas 79702

REF: Grover Fed #3

Gentlemen:

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

497' -  $1\frac{1}{3}^\circ$   
988' -  $3\frac{1}{4}^\circ$   
1104' -  $1^\circ$   
1218' -  $1\frac{1}{2}^\circ$   
1719' -  $1\frac{1}{4}^\circ$   
2219' -  $1^\circ$   
2429' -  $1^\circ$

2646' -  $1\frac{1}{2}^\circ$   
2859' -  $2^\circ$   
2948' -  $1\frac{3}{4}^\circ$   
2980' -  $1\frac{3}{4}^\circ$   
3073' -  $1\frac{1}{4}^\circ$   
3165' -  $1^\circ$   
3425' -  $1^\circ$  TD

Sincerely,  
WEK Drilling Company, Inc.

*Arnold Newkirk*  
Arnold Newkirk  
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 6<sup>th</sup> day of April 1988  
By Arnold Newkirk.

MY COMMISSION EXPIRES

11-19-91

*Linda Butts*

NOTARY PUBLIC