

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U. S. I. S.	
LAND OFFICE	
TRANSPORTER	OIL
	NATURAL GAS
OPERATOR	
PRODUCTION OFFICE	
REGISTRAR	

ARROWHEAD OIL CORPORATION

Address  
BOX 548, ARTESIA, NEW MEXICO 88210

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

DESCRIPTION OF WELL AND LEASE

Lease Name Brown Federal	Well No. 3	Pool Name, including Formation Maljamar-Grayburg-SA	Kind of Lease State, Federal or Fee Fed.	Lease No. LC029410 (B)
Location Unit Letter <u>A</u> ; <u>445'</u> Feet From The <u>North</u> Line and <u>990'</u> Feet From The <u>East</u> Line of Section <u>31</u> Township <u>17S</u> Range <u>32E</u> , NMPM, Lea, County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Refining	Address (Give address to which approved copy of this form is to be sent) Dr. 159, Artesia, NM 88210					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Conoco, Inc.	Address (Give address to which approved copy of this form is to be sent) Box 1267, Ponca City, OK 74603					
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 31	Twp. 17S	Rge. 32E	Is gas actually connected? yes	When 10-09-88

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'ty.	Diff. Res'ty.
Date Spudded 9-16-88	Date Compl. Ready to Prod. 10-09-88		Total Depth 4200'		P.B.T.D. 4163'			
Elevations (D.F., R.N.B., R.T., G.R., etc.) 3894.3' GR	Name of Producing Formation Grayburg SA		Top Oil/Gas Pay 3904'		Tubing Depth			
Perforations 3904-10-12-19-23-33-41-45-58-60-64-78-88-97-98- 4000-16-24-34-41-43-51-59					Depth Casing Shoe 4163'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8"		885'		500 sx cir			
7 7/8"	5 1/2"		4163'		500 sx class C cir.			

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)

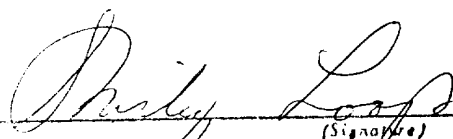
Date First New Oil Run To Tanks 10-09-88	Date of Test 10-10-88	Producing Method (Flow, pump, gas lift, etc.) Flowing back casing	
Length of Test 24	Tubing Pressure	Casing Pressure 100#	Choke Size 26/64
Actual Prod. During Test 80	Oil-Bbls. 80	Water-Bbls. frac	Gas-MCF 100

GAS WELL

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

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 above is true and complete to the best of my knowledge and belief.

  
Production clerk

October 12, 1988

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

ORIGINAL SIGNED BY JERRY SEXTON

BY \_\_\_\_\_ DISTRICT I SUPERVISOR

TITLE \_\_\_\_\_

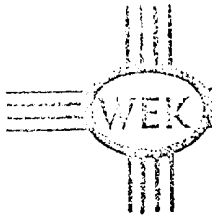
This form is to be filed in compliance with RULE 1104.

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.



KEN REYNOLDS—PRESIDENT  
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498  
505/623-5070 505/746-2719  
ROSWELL, NM ARTESIA, NM

September 27, 1988

Arrowhead Oil Company  
P.O. Box 548  
Artesia, N.M. 88211

REF: Brown #3

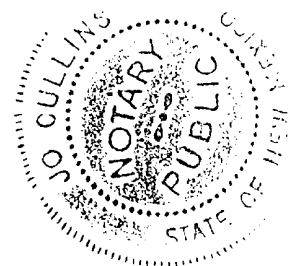
Gentlemen:

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

251' - 1/2°	1330' - 3/4°	3254' - 1°
493' - 1°	1797' - 3/4°	3359' - 3/4°
766' - 1°	2281' - 2 1/4°	3840' - 3/4°
825' - 1°	2763' - 1 1/2°	4213' - 3/4° TD

Sincerely,

*Arnold Newkirk*  
Arnold Newkirk  
Vice President



STATE OF NEW MEXICO)

)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 27<sup>th</sup> day  
of September 1988 by Arnold Newkirk.

MY COMMISSION EXPIRES

11-19-91

*J. O. Cullins*  
NOTARY PUBLIC