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1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <u>Arch Petroleum Inc.</u>	Well API No.
Address <u>777 Taylor St., Suite II-A, Fort Worth, TX 76102</u>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator <u>Carter Foundation Production Co., Box 1036, Ft. Worth, TX 76101</u>	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>E.C. Hill "B" Federal</u>	Well No. <u>2</u>	Pool Name, Including Formation <u>Teague Blinberry</u>	Kind of Lease State, <u>Federal</u> or Fee	Lease No. <u>71-064118</u>
Location Unit Letter <u>H</u> : <u>1981</u> Feet From The <u>N</u> Line and <u>810</u> Feet From The <u>E</u> Line Section <u>34</u> Township <u>23</u> Range <u>37</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"/> <u>Exaco Trading & Transportation Inc.</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 5568, Denver, CO 80217</u>	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>El Paso Natural Gas Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 1492, El Paso, TX 79978</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>A</u>	Sec. <u>34</u>
	Twp. <u>23</u>	Rge. <u>37</u>
	Is gas actually connected? <u>yes</u> When? <u>5/74</u>	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT		

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 Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

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

VI. OPERATOR 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.

Signature <u>Janet Dryden</u>	Title <u>Agent</u>
Printed Name <u>Janet Dryden</u>	Telephone No. <u>817/332-9209</u>
Date <u>2-1-89</u>	

OIL CONSERVATION DIVISION

Date Approved APR 26 1989

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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HOBBS OFFICE

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CCO
HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
 (Other instructions on reverse side)

Form approved.
 Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 064118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

E.C. Hill "B" Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Teague (Blinbry)

11. SEC., T., R., M., OR BLK. AND
 SURVEY OR AREA

Sec. 34, T-23S, R-37E

12. COUNTY OR PARISH

Lee

13. STATE

New Mexico

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Carter Foundation Production Company

3. ADDRESS OF OPERATOR

P. O. Box 900, Kermit, Texas 79745

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface

**1981' FNL & 810' FEL of Section 34,
 T-23-S, R-37-E, Lee County, New Mexico**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3275' KB, 3261' GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☒

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-29-79 Waited 4 hrs. Pumped in 46 sacks.
8-30-79 Waited on cement 24 hrs.
9- 1-79 Drilled through cement retainer and plug. Lost circulation.
9- 4-79 Ran cement retainer to 2944'. Cemented with 100 sacks, did not hold. Waited 4 hrs., resqueezed with 100 sacks. Squeeze held.
9- 6-79 Drilling out cement retainer.

RECEIVED

SEP 11 1979

**U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO**

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **Agent**

DATE **9-7-79**

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

SEP 13 1979

**U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO**

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.