WOODS "9" COM #2

Proposed Plugging Procedure

1) MIRUSU, blow dwn tbg to water on frac tank.

2) RU cementing company and bullhead 85 sks of neat cement dwn tbg and into liner. This will essentially fill the liner with cmt. Hold 500-1000# pressure on annulus during job.

3) Follow cmt with a 2 7/8" wiper plug and flush to 10,165' with 10.2# brine. Shut in with pressure overnight.

4) MIRU plugging unit. Bleed off tbg, ND tree x NU BOP's.

5) RU Wireline, run freepoint and cut tbg off as deep as possible, circulate hole with plug mud/brine.

6) POOH with tbg to 9443' (±).

7) Set 200' (50 sack) cmt plug via tbg across the Wolfcamp top @ 9343'.

8) Pull tbg up to 6260' and set a 200' (50 sack) cmt plug across the Delaware top at 6160'.

9) POOH with tbg.

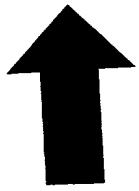
10) RU to pull 7" csg freepoint and cut as deep as possible. Top of cmt is not known but is estimated/calculated at 3600'. TOH laying dwn 7". Spot a cmt plug 50' inside and 50' above stub & tag

11) Run back in hole with tbg to 2565' and set a 200' (75 sack) cmt shoe plug. WOC & tag plug

12) Pull tbg to 700' and dump a 200' (75 sack) cmt plug.

13) Pull up to 100' and pump cmt back to surface.

14) TOH, cut off wellhead, install dryhole marker, remove all equipment and restore lease.



LTR

Job separation sheet

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
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

RECEIVED
JUL 12 '90
ARTESIA, OFFICE

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: Hallwood Petroleum, Inc.

Well API No.: 30-015-22529

Address: P.O. Box 378111, Denver, CO 80237

Reason(s) for Filing (Check proper box)

New Well [ ]
Recompletion [ ]
Change in Operator [ ]

Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

[XX] Other (Please explain): Company name changed from Quinoco Petroleum, Inc. effective 6/1/90

If change of operator give name and address of previous operator: Quinoco Petroleum, Inc., P.O. Box 378111, Denver, CO 80237

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease (State, Federal or Fee)	Lease No.
Wood 9 Com	2	Malaga West Atoka	Fee	

Location
Unit Letter B : 990 Feet From The North Line and 1980 Feet From The East Line
Section 9 Township 24S Range 28E, NMPM, Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [XX]: None
Address (Give address to which approved copy of this form is to be sent):

Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]: El Paso Natural Gas Co.
Address (Give address to which approved copy of this form is to be sent): P.O. Box 1492, El Paso, TX 79978

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?
					Yes	10/4/90

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
			Post ID-3 8-10-90 chg op

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.

Holly S. Richardson
Signature
Holly S. Richardson Sr. Ops. Eng. Tech.
Printed Name / Title
6/26/90 (303) 850-6322
Date / Telephone No.

OIL CONSERVATION DIVISION

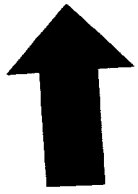
Date Approved: AUG 10 1990

By: ORIGINAL SIGNED BY MIKE WILLIAMS

Title: SUPERVISOR, DISTRICT II

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.



LTR

Job separation sheet

Submit to Appropriate
District Office
State Lease – 6 copies
Fee Lease – 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
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

RECEIVED
OCT 16 '89
ARTESIA, OFFICE

Form C-101
Revised 1-1-89

C/SF
Dp

API NO. (assigned by OCD on New Wells) 30-015-22529

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name: Wood ~~Tom~~ 9 Com

2. Name of Operator: Quinoco Petroleum, Inc.

8. Well No. 2

3. Address of Operator: P. O. Box 378111, Denver, CO 80237

9. Pool name or Wildcat: Malaga West

4. Well Location
Unit Letter B : 990 Feet From The North Line and 1980 Feet From The East Line

Section 9 Township 24S Range 28E NMPM Eddy County

10. Proposed Depth	11. Formation	12. Rotary or C.T.
±11,200'	Delaware	

13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
2997.1' GL			10/15/89

17. EXISTING ~~PROPOSED~~ CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	677'	600	Surf
12-1/4"	9-5/8"	36#	2,453'	2000	Surf
8-1/2"	7"	23# & 26#	10,250'	700	5000'

Quinoco Petroleum proposes to abandon the Atoka zone and recomplete the Wood Tom 9 Com 2 to the Delaware formation as follows:

1. MIRU pulling unit. Kill well with 10#/gal brine if necessary, ND tree, NU BOP's.
2. POOH w/ 2-3/8" tubing and packer.
3. RU wireline and set CIBP @ ±11,200 ft. Dump 50' cement on top of bridge plug. RU wirelin and run CBL-GR logs from 8000 ft to 5000 ft and correlate with Schlumberger Comp. Neutron Form. Density log. Squeeze if necessary.
4. Perforate Delaware Sand from 5472-5484 ft and 5570-5582 ft w/4" HSC guns with 2 shots per foot for a total of 20-0.50" holes.
5. TIH w/2-3/8" tubing, seating nipple and packer. Spot acid across perforations and pull packer above perforations and set at 9410' ft. ±.

(Cont'd - Please see attached)

PERMIT EXPIRES 180 DAYS FROM APPROVAL DATE UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

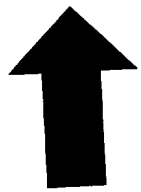
SIGNATURE Holly S. Richardson TITLE Production Technician DATE 10/5/89

TYPE OR PRINT NAME Holly S. Richardson TELEPHONE NO (303) 850-6322

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE OCT 20 1989

CONDITIONS OF APPROVAL, IF ANY:



LTR

Job separation sheet

6. Acidize w/1000 gallons 7 1/2% FE Acid W/15% HCL and 50 RCN balls plus additives. Pump down the tubing @ 2-3 BPM at ± 3000 psi wellhead treating pressure.

7. Swab and flow test.

8. Frac if necessary per recommendation to follow; with 22,000 gallons Versagel - 1,400 water plus 38,000 lbs 20/40 sand. Treat down tubing @ 10 BPM at ± 2,300 psi wellhand pressure.

9. Swab and flow test.

10. If well is commercial and will not flow, run bottom hole pump and rods. Set pumping unit.

LTR

Job separation sheet

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
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-102
Revised 1-1-89

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
Quinoco Petroleum, Inc.	Woods ~~Fed~~ 9 Com ~~9~~	2

Unit Letter	Section	Township	Range	County
B	9	24S	28E NMPM	Eddy

Actual Footage Location of Well:
990 feet from the North line and 1980 feet from the East line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
2997.1	Delaware	Malaga West	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

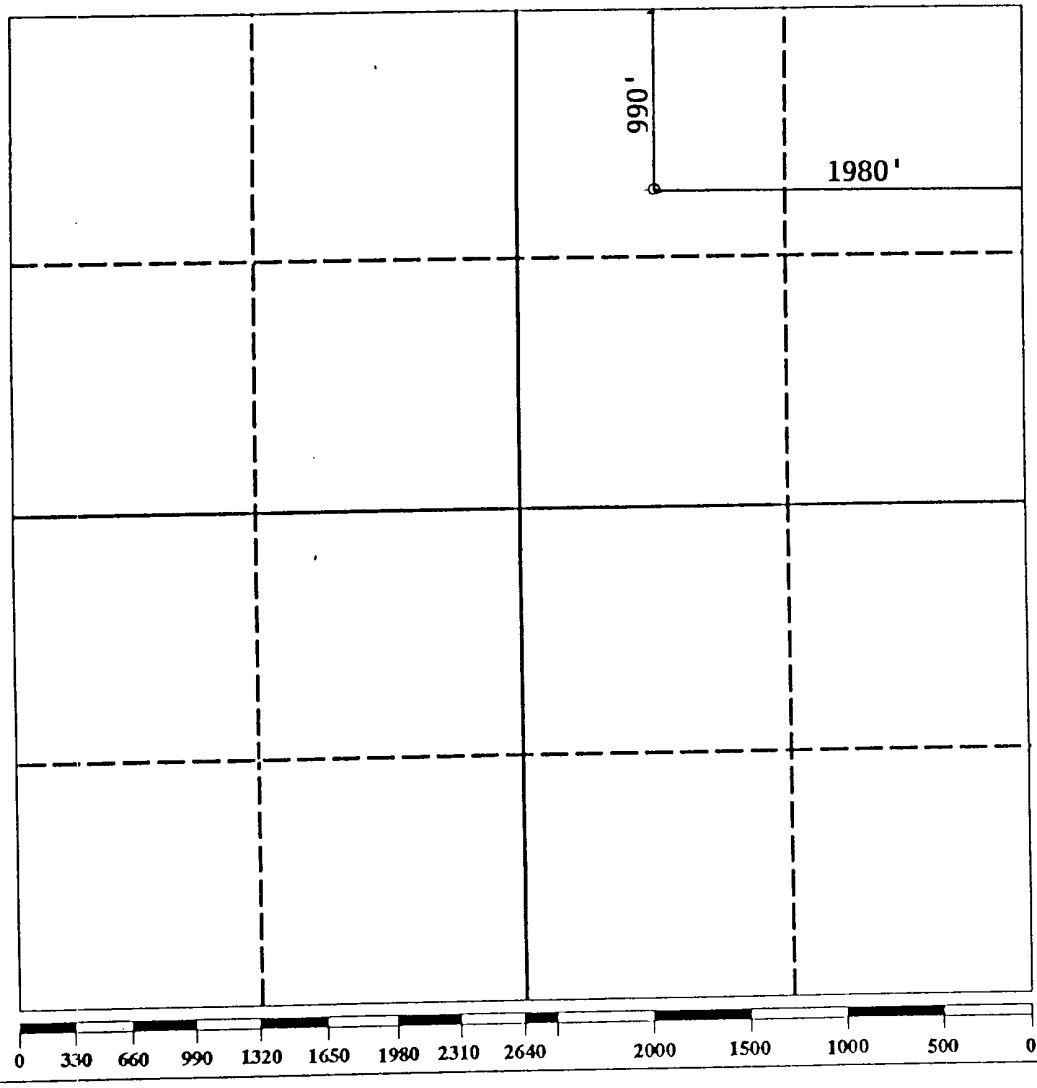
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary. _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.

Holly S. Richardson
Signature

Holly S. Richardson
Printed Name

Production Technician
Position

Quinoco Petroleum, INc.
Company

10/10/89
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
As Attached
Signature & Seal of
Professional Surveyor

Certificate No.