

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE ORIGINATOR AND SERIAL NO. NM 25348	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Quinoco Petroleum, Inc.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 378111, Denver, CO 80237			8. FARM OR LEASE NAME Federal "RV" 10	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface: 1980' FNL & 915' FWL At proposed prod. zone: SAME			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles West of Carlsbad, NM			10. FIELD AND POOL, OR WILDCAT Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest dir. unit line, if any) 915'			11. SEC., T., R., B., OR R.R. AND SURVEY OR AREA Sec. 10, T22S-R25E	
16. NO. OF ACRES IN LEASE 520			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			19. PROPOSED DEPTH 10,365'	
20. ROTARY OR CABLE TOOL			21. APPROX. DATE WORK WILL START* 2/26/90	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3512.5' GL, 3525' KB			22. APPROX. DATE WORK WILL START*	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 - 1/2"	13 - 3/8"	48#	320'	300 sx class "C"
12 - 1/4"	9 - 5/8"	36#	2275'	950 sx class "C"
8 - 3/4"	5 - 1/2"	17 & 20#	10,690'	1,100 sx class "H"

Quinoco Petroleum, Inc. proposes to plug-back the Federal "RV" 10-1 to the Ross Sand in the Morrow zone as follows:

- 1) MIRV completion unit. Kill well w/ 10#/gal brine water. ND tree & NU BOP's.
- 2) Release pkr & TOH w/ tbg & plunger assembly.
- 3) RU WL & set CIBP @ 10,400' & dump 35' of cmt on top of plug.
- 4) TIH w/ 5-1/2" pkr w/ tbg conveyed guns. Set w/ WL & correlate gamma - ray w/ open - hole logs & set pkr.
- 5) TOH w/ WL. TIH w/ 2-5/8" tbg, hydrotest to 8500 psi & space out. ND BOP's. NU tree. Test pkr to 1000 psi surf. pressure.
- 6) Drop bar to fire guns & perforate 10,240 - 247' & 10,182 - 10,194' w/ 2 JSPF (25 holes total). Evaluate & acidize if necessary.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wally S. Richardson TITLE Sr. Ops. Eng. Tech. DATE 2/15/90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 2/22/90
CONDITIONS OF APPROVAL, IF ANY:

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

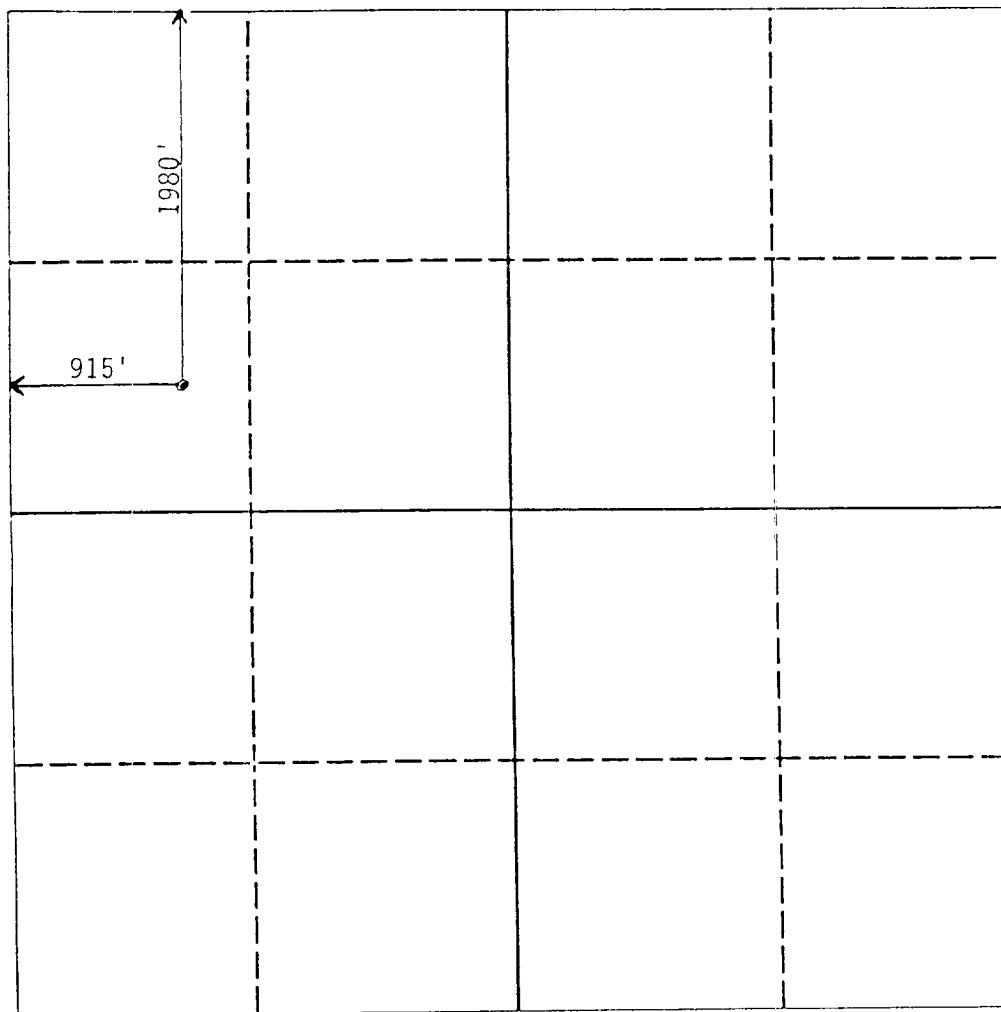
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

OFFICE
ARTESIA OFFICE

Operator Quinoco Petroleum, Inc.			Lease Federal "RV" 10		Well No. 1
Unit Letter E	Section 10	Township 22S	Range 25E	County NMPM	Edgy
Actual Footage Location of Well: 1980 feet from the North line and 915 feet from the West line					
Ground level Elev. 3512.5	Producing Formation Morrow		Pool	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 necessary.) _____
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 is true and complete to the best of my knowledge and belief.

Signature

Holly S. Richardson

Printed Name

Sr. Ops. Eng. Tech.

Position

Quinoco Petroleum, Inc.

Company

2/15/90

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 supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Please see attached

Signature & Seal of
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

W F
Form C-122
Supersedes C-12R
Effective 1-1-65
FEB 26 '80

All distances must be from the outer boundaries of the Section

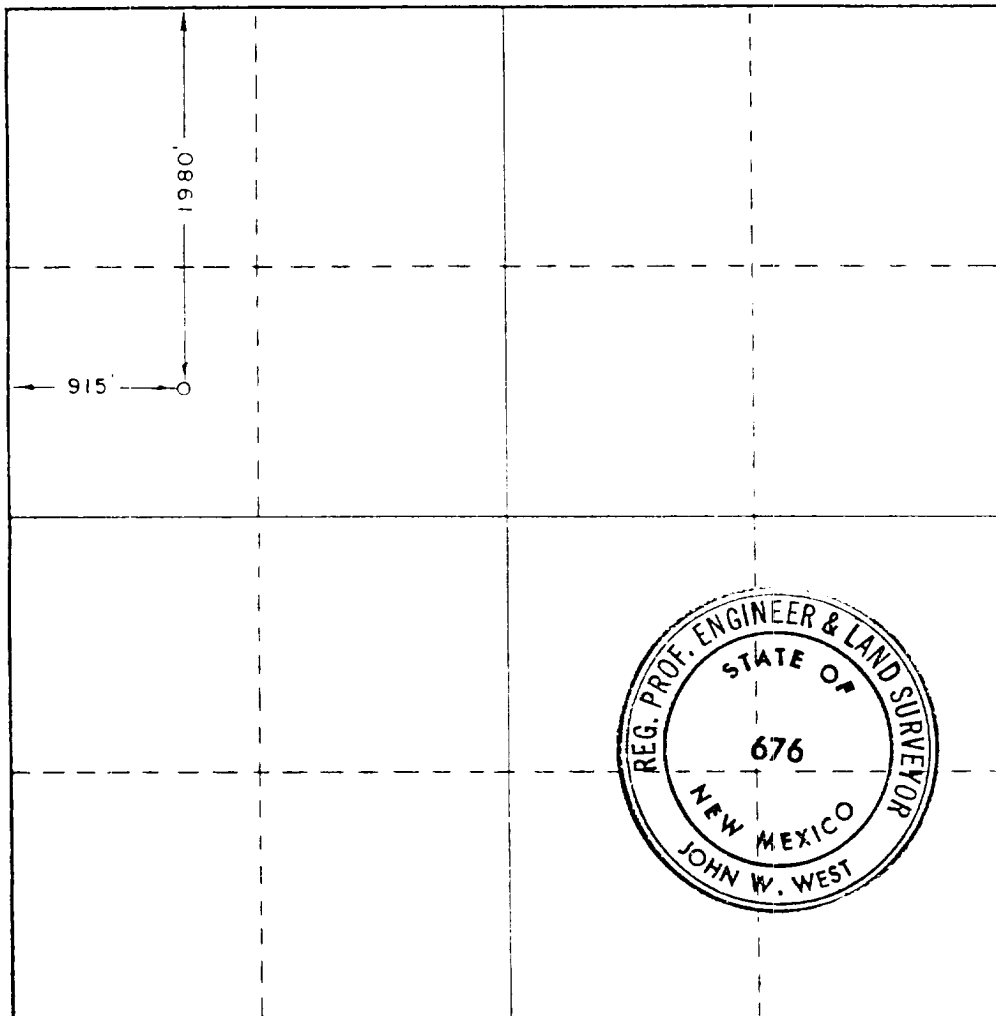
Operator BELCO PETROLEUM CORPORATION			Lease Federal "RV" 10			ARTESIA, OFFICE 1		
Unit Letter E	Section 10	Township 22 South	Range 25 East	County Eddy				
Actual Footage Location of Well: 1980 feet from the north line and 915 feet from the west line								
Ground Level Elev. 3512.5	Producing Formation		Foot			Section Acreage		
Acres								

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interests 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 necessary.) _____

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 interests, has been approved by the Commission.



CERTIFICATION

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

Name
Residence
Company
Date

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 supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Jan. 7, 1977
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

