

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28636

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. NAME OF OPERATOR CONOCO INC.	
3. ADDRESS OF OPERATOR 3817 NW Expressway Oklahoma City, OK 73112	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1175' fsl & 1020' fwl (NE SW SW) Unit Letter M At proposed prod. zone	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 Mi. NW of Cedar Hill, NM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)	1020'
16. NO. OF ACRES IN LEASE	640
17. NO. OF ACRES ASSIGNED TO THIS WELL	S/320 323.89
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	220'
19. PROPOSED DEPTH	3000
20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether on, at, or below) to technical and 6103' GR procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	
22. APPROX. DATE WORK WILL START* 11-01-91	

23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/2"	9-5/8"	36# K-55	200'
8-3/4"	7"	20# K-55	2530'
GENERAL REQUIREMENTS			
125 sx C1 G			
220 sx C1 G 65/35 LitePoz &			
150 sx C1 G			

We propose to drill to a TD of $\pm 3000'$ and complete open hole as a Fruitland Coal gas well. The proposed Well Plan Outline, Cementing Program, C102 (Well Location & acreage dedication plat), BOP Diagrams and Road Right-Of-Way Application, Surface Use Plan, Drilling Rig Layout and road maps are all enclosed.

RECEIVED
NOV 7 1991
OIL CON. DIV.
DIST. 3

Hand Carried To your
office 9-26-91 By
Bob Fielder.

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 Barbara J. Bale Regulatory Affairs
Barbara J. Bale TITLE Sr. Oil&Gas Assistant DATE 9-26-91
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

NOV 05 1991
AREA MANAGER

*See Instructions On Reverse Side

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and 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 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

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

RECEIVED

EXHIBIT 10

SEP 30 PM 2:21

Operator Conoco Inc.		Lease Hamilton Fed.		Well No. 3R
Unit Letter M	Section 30	Township 32 North	Range 10 West	County San Juan
Actual Footage Location of Well: 1175 feet from the South line and 1020 feet from the West line				
Ground level Elev. 6103'	Producing Formation Fruitland Coal	Pool Cedar Hill-Fruitland Coal	Dedicated Acreage: S/2 320.89 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 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.				
1346.40 1359.60 2719.20 2620.86 8 7 9 10 11 12 16 15 14 13 17 18 19 20 1020' 1175' 1307.46 1320.66 2636.04 0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0				
RECEIVED NOV 7 1991 OIL CON. DIV DIST. 3				
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>Douglas L. Keithly</i> Printed Name Douglas L. Keithly Position Sr. Drilling Engineer Company CONOCO INC. Date September 26, 1991				
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 9-13-91 Signature & Seal of Professional Surveyor <i>Heale C. Edwards</i> Certificate No. 6857				

CONOCO INC. • Oklahoma City Division

Proposed Drilling Well - Plan Outline

Well Name: Hamilton Fed. 3R
 Location: SW/4 1175' FSL 1020' FWL
Section 30-T32N-R10W
 AFE No.: _____

County: San Juan
 State: New Mexico
 Field: Cedar Hill
 Objective: Fruitland Coal

RIG DAYS	MEASURED DEPTH (FT)	FORMATION	DRILLING PROBLEMS	FORMATION EVALUATION	BIT SIZE	CASING		FORMATION		MUD	
						SIZE	SETTING DEPTH	FRAC. GRAD.	PORE PRESS	WEIGHT	TYPE
1		All Depths Ground Level	.	.	.	9 1/4"	All Depths From G.L.	.	.	8.4-8.8	Native Spud
			.	.	12 1/4	38 ppf K-55 ST&C	.	.	.	.	.
	200		.	.	.		200	.	.	8.8-9.4	Water and Gel
			.	.	.			.	.	.	.
	400		.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	600		.	.	.			.	.	.	.
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	800	San Jose	.	.	.			.	.	.	.
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	1000		.	.	.			.	.	.	.
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	1200		.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	1400	Ojo Alamo	Possible Water Flow	.	8 1/4			.	Normal	.	.
			.	.	.			.	.	.	.
	1600	Farmington Sands	.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	1800		.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	2000	Kirtland Shale	.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	2200		.	.	.			.	.	.	.
			.	.	.			.	.	.	.
	2400		.	.	.	7"		.	.	.	.
			.	.	.	20 ppf K-55 ST&C	2530	.	.	.	.
	3/4	Fruitland	Possible Gas and Abnormal Pressure	.	.			.	.	8.4	1% KCL Water and Air
			.	.	.			.	.	.	.
	2600	Top of Main Coal	Abnormal (11.5 ppg) Pressure	.	.			.	11.5 ppg	.	.
			.	.	.	Open Hole Cavitation		.	.	.	.
8/10	2800		.	Mud Logger	8 1/4			.	.	.	.
			.	.	.			.	.	.	.
		TD @ 2808'	.	.	.			.	.	.	.
		Pictured Cliffs	.	.	.			.	.	.	.
	3000		.	.	.			.	.	.	.

Prepared By: Matt Hairford

Date: September 18, 1991

Approved: _____

Operations Manager

Engineering Manager

Drilling Superintendent

