

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

10-045-28220

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 Coal Seam 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 2390' FSL & 1135' FWL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 Mi. SE of Bloomfield, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1135'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
3230'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6440' GR
This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	250'
7 7/8"	5 1/2"	15.5#	3230'

Notice of staking submitted 8-1-90.

Lease Description: T29N-R8W NMPM

Sec. 19: Lots 1-4, E/2, E/2, W/2
Sec. 20: All
Sec. 21: All
Sec. 29: All

T28N-R8W NMPM
Sec. 10: Lots 1 & 2

RECEIVED
SEP 07 1990
OIL CON. DIV.
DIST. 3

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 Dave L. Byers TITLE Coordinator-Env. Affairs DATE Aug. 15, 1990
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

NMOCD

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 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 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 Leases - 4 copies
Fee Leases - 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. Denver OD, 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

Operator CONOCO			Lease Hughes B		Well No. 20
Unit Letter L	Section 21	Township 29 North	Range 8 West	County NMM San Juan	
Actual Footage Location of Well: 2390 feet from the South line and 1135 feet from the West line					
Ground level Elev. 6440'		Producing Formation Fruitland		Pool Basin Fruitland Coal Gas	
					Dedicated Acreage: 320 W/2 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or leadless 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 commutation, 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 well be assigned to the well until all interests have been consolidated (by commutation, unitization, force-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

Gregory M. Gazda

Printed Name

Greg M. Gazda

Position

Staff Engineer

Company

Conoco Inc.

Date

August 29, 1990

SURVEYOR CERTIFICATION

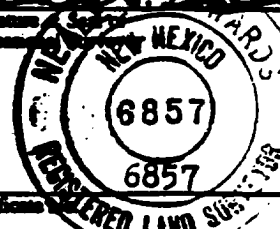
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

7-23-90

Date Surveyed

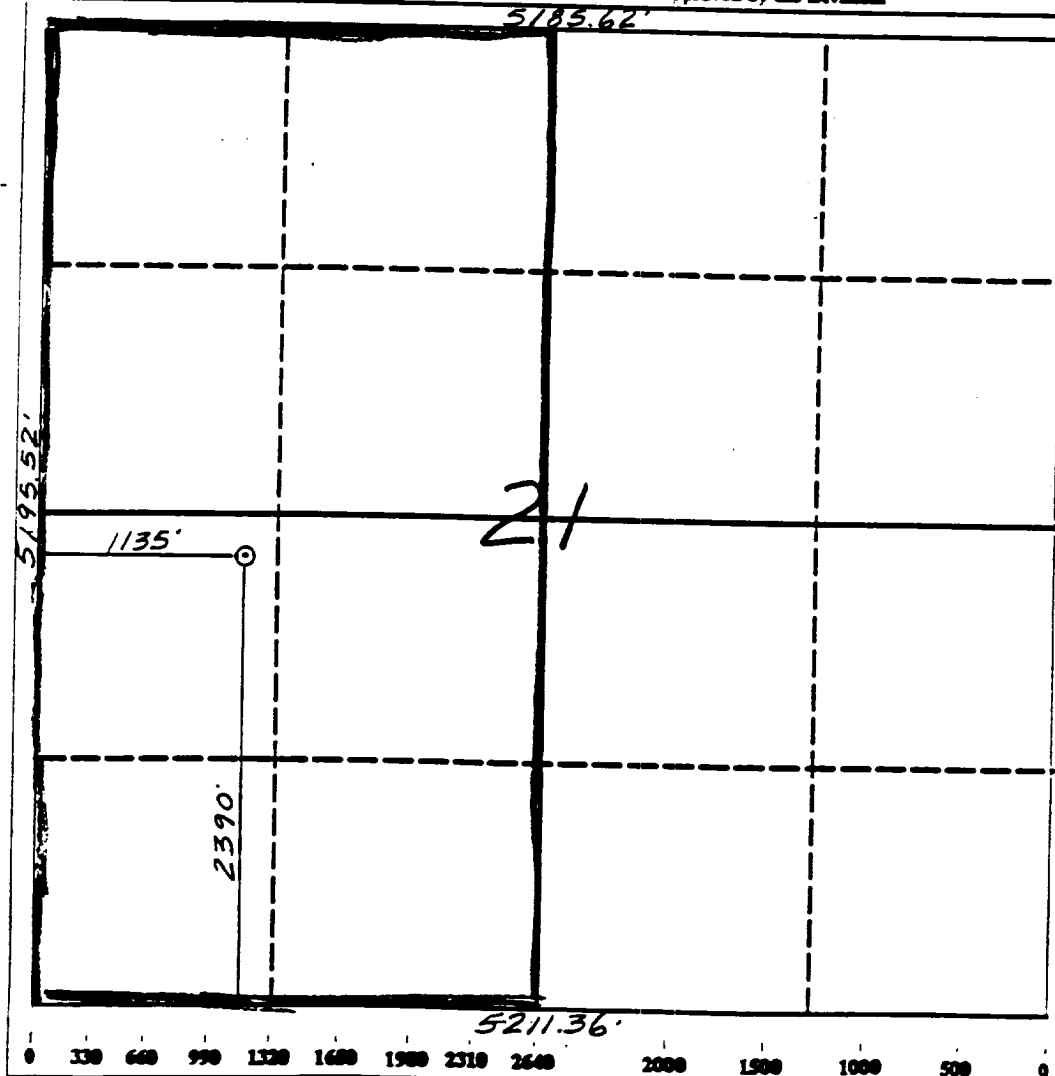
Signature

Professional



Certification

Neale C. Edwards



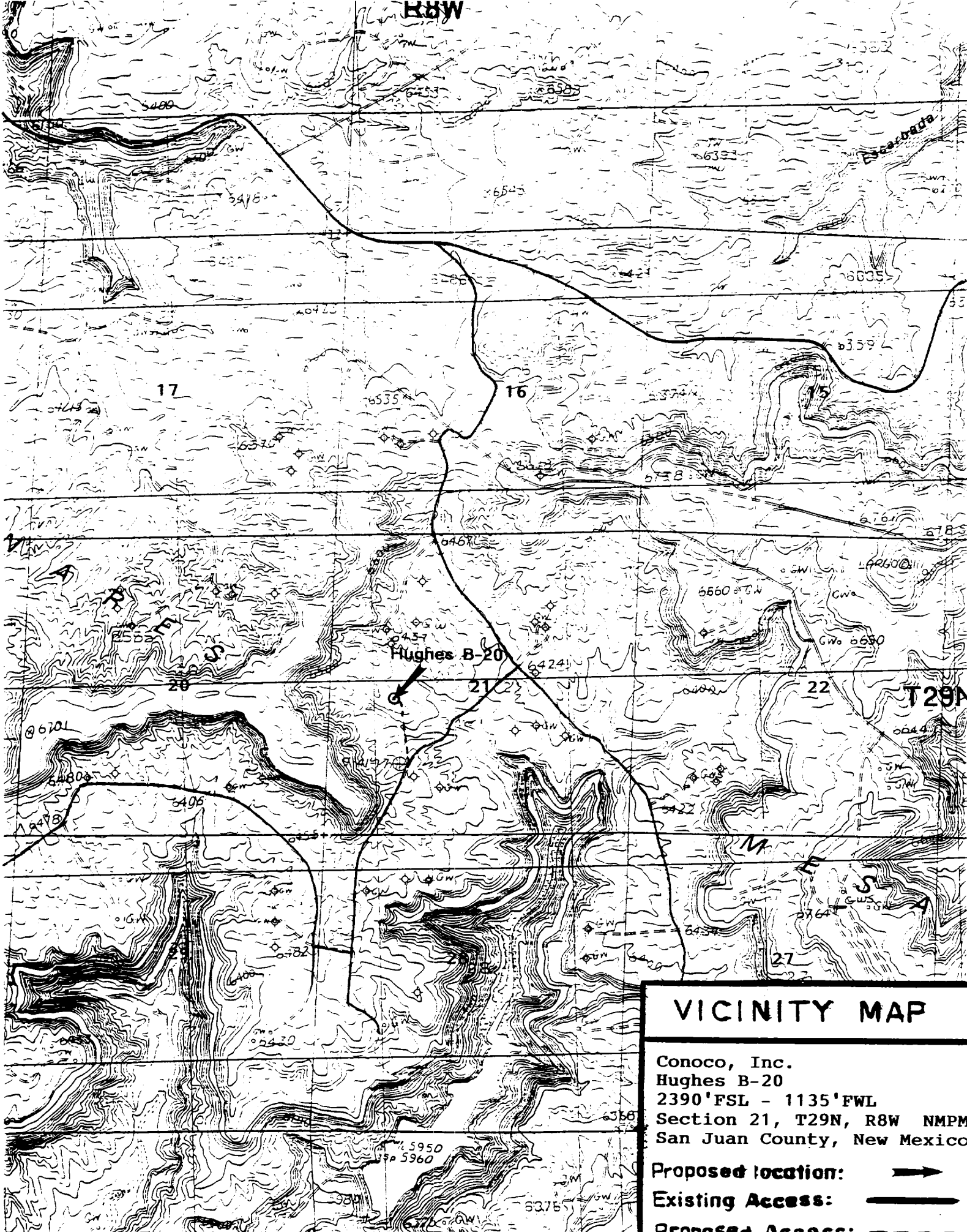
CONOCO INC. • Oklahoma City Division

Proposed Drilling Well - Plan Outline

Well Name: HUGHES B-20 County: SAN JUAN
Location: 2390 FSL 1125 FWC State: NEW MEXICO
SW1/4 SECT 11 21 T2N - 10E10W Field: FRUITLAND COAL

Cumulative Rig Days	Meas. Depth	Formation Lithology Tops & Type	Drilling Problems	Type Of Formation Evaluation	Bit Size	Casing		Formation		Mud	
						Size	Setting Depth	Frac. Grad.	Pore Press.	Weight	Type
				NONE		K-55 24" # 8 3/8"	250'			80-87	SPUD MUD
	700				12 1/4"						
	400										
	600										
	800									88- 9.3	WATER AND GEL
	1000										
	1200										
	1400										
	1600	SAN JOSE SANDS	POSSIBLE LOST CIRCULATION	NONE							
	1800										
	2000	OLD ALAMO	POSSIBLE LOST CIRCULATION								
	2200	KIRTLAND SHALE								9.3 - 10.0	LSMUD
	2400			1, 2, 3							
	2600										
	2800	FRUITLAND COAL	POSSIBLE GAS KICKS								
	3000	POWERS CLIFFS				K-55 15.5" #					
	3200				7 7/8"	5 1/2"	3230'	.60			
	3400	TD 3230		1. MUDLOGGER 2. FDC-GR-CAL 3. DIL-GR-SP							

Date: 8-10-90 Prepared By: ERIC R. DAVIS
Approved: _____
Division Manager Division Engineer Division Drilling Superintendent



VICINITY MAP

Conoco, Inc.
Hughes B-20
2390'FSL - 1135'FWL
Section 21, T29N, R8W NMPM
San Juan County, New Mexico

Proposed location: 
Existing Access: 
Proposed Access: 