

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. %R.R. Hildenbrand

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
845' FNL & 2370' FEL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 845'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6338 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24# K-55	250'
7 7/8"	5 1/2"	15.5# K-55	3220'

5. LEASE DESIGNATION AND SERIAL NO.

~~SE 078502~~
SE 078596-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

VANDEWART A

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal Gas

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

Sec. 13-T29N-R8W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N/2 320 Ac

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

11-15-90

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

250 sx C1 B
924 sx C1 B

We propose to straight drill to a TD of 3220' and complete as a Fruitland Coal Gas well. The proposed Well Plan Outline, Cementing Program, C102, BOP Diagram & Surface Use Plan & Certification are attached.

Staking Notice submitted 8-1-90

Lease Descripti on-Vandewart
T29N-R8W

Sec 11: All
Sec. 13: W/2, S/2 NE, SE
Sec. 14: E/2
Sec. 24: E/2

Lease Description-Florence Lease
T29N-R8W

Sec. 1: Lots 3&4, S/2 NW, SW
Sec. 3: Lots 3&4, S/2 NW, SW
Sec. 11: All
Sec. 12: E/2
Sec. 13: NE/4
Sec. 14: E/2
Sec. 24: E/2

T30N-R8W

Sec. 7: E/2 SW
Sec. 18: E/2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on proposed 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 Gregory M. Hildenbrand
(This space for Federal or State office use)

TITLE Supervisor, Regulatory

DATE 9/13/90

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NOV 08 1990
AREA MANAGER

*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 plate, 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.

CONOCO INC. • Oklahoma City Division

Proposed Drilling Well - Plan Outline

Well Name: VANDERMART A-16County: SAN JUANLocation: 900'FN. & 2335'FEIState: NEW MEXICONE/4 SEC 13-T29N - R08WField: BASIN FRUITLAND COAL

GROUND ELEVATION: 6360

Cumulative Rig Days	Meas. Depth Feet	Formation Lithology Tops & Type	Drilling Problems	Type Of Formation Evaluation	Bit Size	Casing		Formation		Mud	
						Size	Setting Depth	Frac. Grad.	Pore Press.	Weight	Type
0.5/1.0	200			NONE	12 1/4"	8 5/8" 24PPF K-55 ST & C	250'			8.6 to 8.7	SPUD MUD
	400								8.4		
	600										
	800										
	1000										
	1200	SAN JOSE	POSSIBLE LOST CIRCULATION							8.8 to 9.3	WATER AND GEL
	1400										
	1600										
	1800										
	2000	OJO ALAMO	POSSIBLE WATER FLOW								
2.5	2200	KIRTLAND		1, 2, 3		DV TOOL	2339'				
	2400										
	2600										
	2800	FRUITLAND	GAS						9.0	9.3 to 9.6	LOW SOLIDS NON DISPERSED
	3000					5 1/2" 15.5PPF K-55 LT & C					
	3200	PICTURED CLIFFS	POSSIBLE LOST CIRCULATION	4	7 7/8"		3220'				
	3400	TD: 3220' ALL DEPTHS ESTIMATED FROM GROUND LEVEL		1. FDC/CNL 2. DIL/SP 3. GR/CAL 4. MUD LOGGER							
	3600										
	3800										
	4000										
4.0/5.0											

Date: 8-26-90Prepared By: JEFF JAMES

Approved: _____

Division Manager

Division Engineer

Division Drilling Superintendent

~~DISPATCH~~
P.O. Box 1982, Hialeah, NM 11240

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

~~DISBURSEMENT~~
P.O. Drawer 80, Alamogordo, NM 88310

DIVISION
1000 Rio Avenue Rd., ALBU, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be with the outer boundaries of the section

Operator		CONOCO INC.		Well No.	
Unit Letter		VANDERWART A		16	
B	Section 13	29 North	Range 3 West	County San Juan	
Actual Surface Location of Well:					
845'	North	2370'	East		
Ground above blow.		Foot from the		Foot from the	
6338'	Fruitland Coal	Basin Fruitland Coal Gas	Delivered Average		
			N/2 320		

1. Outline the average dimensions to the nearest foot by corner points or bearing angles on the plan sheet.
2. If there was one corner as determined to the west, outline each and identify the covering corner (both as to working corner and recovery).
3. If there was one corner as determined to the west, have the number of all corners been corroborated by compassing?

If answer is "yes" list the persons and their companies whom have actually been contacted. (Use reverse side of this form if necessary.)

~~No alterations will be accepted in the bond until all interest have been completed (by correspondence, interview, phone-interview, or otherwise) or until a non-compliance with continuing care interest has been approved by the Division.~~

OPERATOR CERTIFICATION

I hereby certify that the above
contains herein in full and complete
list of my messages and being,

Signature Gregory Z. Elzola
 Printed Name Donald R. Hildenbrand
 Position Supv - Regulatory,
Environmental & Safety
 Company CONOCO INC.

Date 9/13/90
SURVEYOR CERTIFICATION

I hereby certify that the well location is on this pass was placed from field notes taken before made by me or under supervision, and that the same is true correct to the best of my knowledge belief.

Don't jump yet

[Handwritten signature]

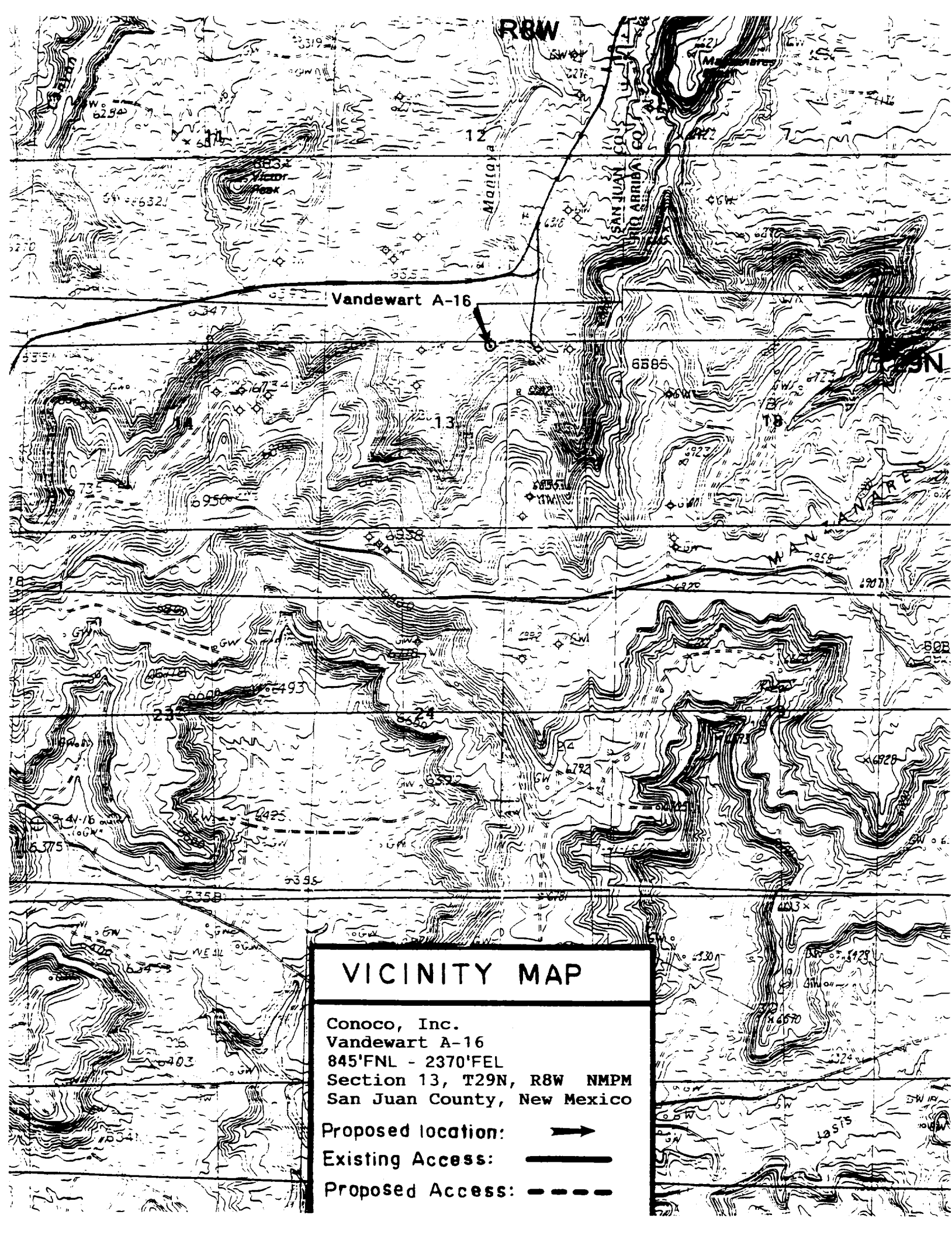
Sgt. *[Handwritten signature]*

Proctor

NEW MEXICO
68571
6857
REGISTERED LAND SURV.

Neale

RECEIVED
NOV 13 1990
OIL CON. DIV.
DIST. 3



R8W

Vandewart A-16

VICINITY MAP

Conoco, Inc.
Vandewart A-16
845'FNL - 2370'FEL
Section 13, T29N, R8W NMPM
San Juan County, New Mexico

Proposed location: ➡
Existing Access: ———
Proposed Access: - - - -