

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078040
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 3249, Englewood, CO 80155		8. FARM OR LEASE NAME Childers
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1290' FSL, 1780' FEL At proposed prod. zone Same		9. WELL NO. 3E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles North of Aztec, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1290'	16. NO. OF ACRES IN LEASE 2201.83	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T31N, R11W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 7317'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5980' GR	17. NO. OF ACRES ASSIGNED TO THIS WELL 5311.06	13. STATE NM
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	± 290'	Circ to surface
8-3/4"	7"	23#	± 4925'	2-stage, circ to surface
6-1/4"	4-1/2"	11.6#, 10.5#	± 7317'	Circ to liner top

See attached drilling procedure

Gas is dedicated

Approval for Unorthodox Location received from New Mexico Oil Conservation Div. 12/6/82.

RECEIVED
MAR 16 1983
OIL CON. DIV.
DIST. 3DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
This action is subject to administrative
appeal pursuant to 30 CFR 290.

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 Ken Russell TITLE Sr. Production Analyst DATE Dec. 22, 1982
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY JCS TITLE _____
CONDITIONS OF APPROVAL, IF ANY:NSL 1627
ANGL 3-1018

NMDCG

APPROVED
AS AMENDEDMAR 14 1983
JAMES F. SIMS
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY			Lease CHILDERS		Well No. 3E
Unit Letter 0	Section 3	Township 31N	Range 11W	County San Juan	
Actual Footage Location of Well: 1290 feet from the South line and 1780 feet from the East line					
Ground Level Elev: 5980	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 531.06 320 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 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.

Sec.		RECEIVED MAR 16 1983 OIL CON. DIV. DIST. 3	
SF 078040 TOC 50% Conoco 50%		3	
○		1780'	
		1290'	

Scale: 1"=1000'

CERTIFICATION

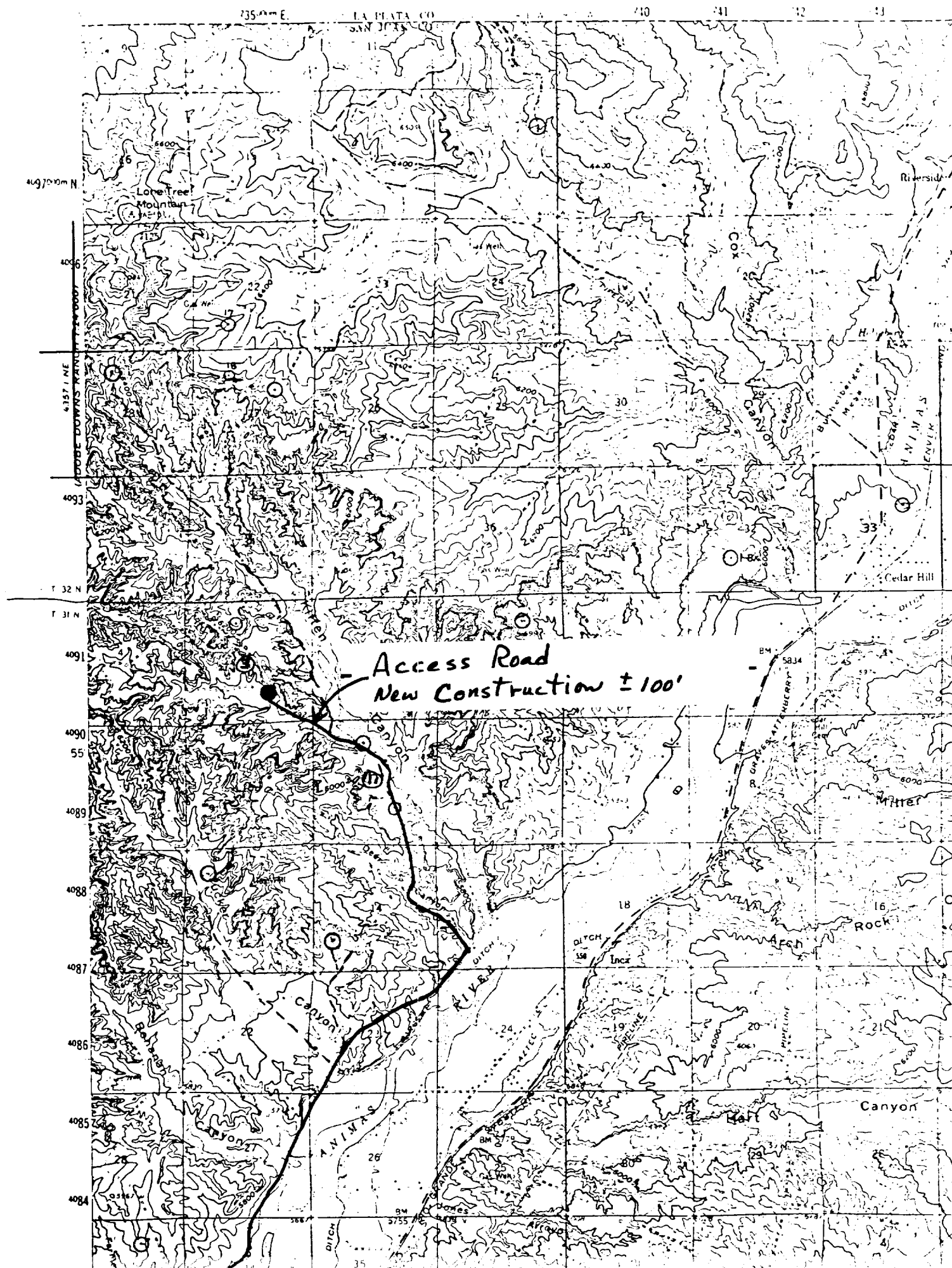
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Ken Russell
Name
Ken Russell
Position
Sr. Production Analyst
Company
Tenneco Oil Company
Date
November 12, 1982

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
September 23, 1982
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. 4521
3950

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

December 6, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

LARRY KEHOE
SECRETARY

Tenneco Oil Exploration
and Production
P. O. Box 3249
Englewood, Colorado 80155

Attention: Ken Russell

Administrative Order NSL-1627

Gentlemen:

Reference is made to your application for a non-standard location for your Childers Well No. 3E located 1290 feet from the South line and 1780 feet from the East line of Section 3, Township 31 North, Range 11 West, NMPM, Basin Dakota Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in dark ink, appearing to read "Joe D. Ramey".

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Minerals Management Service - Farmington