

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc. 5673

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500

915-686-5794

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)

At surface

1540' FSL & 1185' FEL

At proposed prod. zone

1540' FSL & 1185' FEL

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

5. LEASE DESIGNATION AND SERIAL NO

CONT 106

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO

18019 JICARILLA B #18 2A

9. API WELL NO

30-039-25845

10. FIELD AND POOL, OR WILDCAT

72319 71597
Blanco MV/Basin Dakota11. SEC. T., R., M., OR BLK
AND SURVEY OR AREA

I Sec. 25, T26N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

5. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if Any)

16. NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

2/320 4/320

8. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8531'

20. ROTARY OR CABLE TOOLS

Rotary

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

7186' GR

22. APPROX. DATE WORK WILL START*

4/15/98

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	K-55, 8-5/8"	24#	300'	130 sxs, circ.
7-7/8"	K-55, 5-1/2"	15.5#	8231'	1195 sxs, circ.

It is proposed to drill vertical wellbore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools following the acquisition of sufficient production test data for allocation purposes. A downhole commingling application will be filed with the BLM and NMOCD prior to commingling. A NOS was filed 10/31/97. This well will drilled and equipped according to the following attachments:

1. Well Location & Acreage Dedication Plat (C-102) and other associated plats.
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility Layout.
6. Pipeline survey plat.

RECEIVED
APR 28 1998
OIL CON. DIV.
DIST. 3

98 MAR 10 AM 7:55
ALBUQUERQUE, N.M.

RECEIVED
BLM

This application includes ROW's for the wellpad and access road.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen 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 Mike L. Mankin TITLE Right-of-Way Agent DATE March 4, 1998

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(Original Signed) HECTOR A. VILLALOBOS

TITLE

Asst. Field Manager

DATE

APR 28 1998

*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.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 50, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 1991
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <u>30-039-25845</u>		*Pool Code <u>72319/71599</u>	*Pool Name <u>Blanco Mesaverde/Basin Dakota</u>
*Property Code <u>18019</u>	*Property Name <u>JICARILLA B</u>		*Well Number <u>18 3A</u>
*OGRIIC NC <u>005073</u>	*Operator Name <u>CONOCO, INC.</u>		*Elevation <u>7185</u>

¹⁰ Surface Location

UL or lot no. <u>I</u>	Section <u>25</u>	Township <u>26N</u>	Range <u>4W</u>	Lot Idn	Feet from the <u>1540</u>	North/South line <u>South</u>	Feet from the <u>1185</u>	East/West line <u>East</u>	County <u>RIO ARriba</u>
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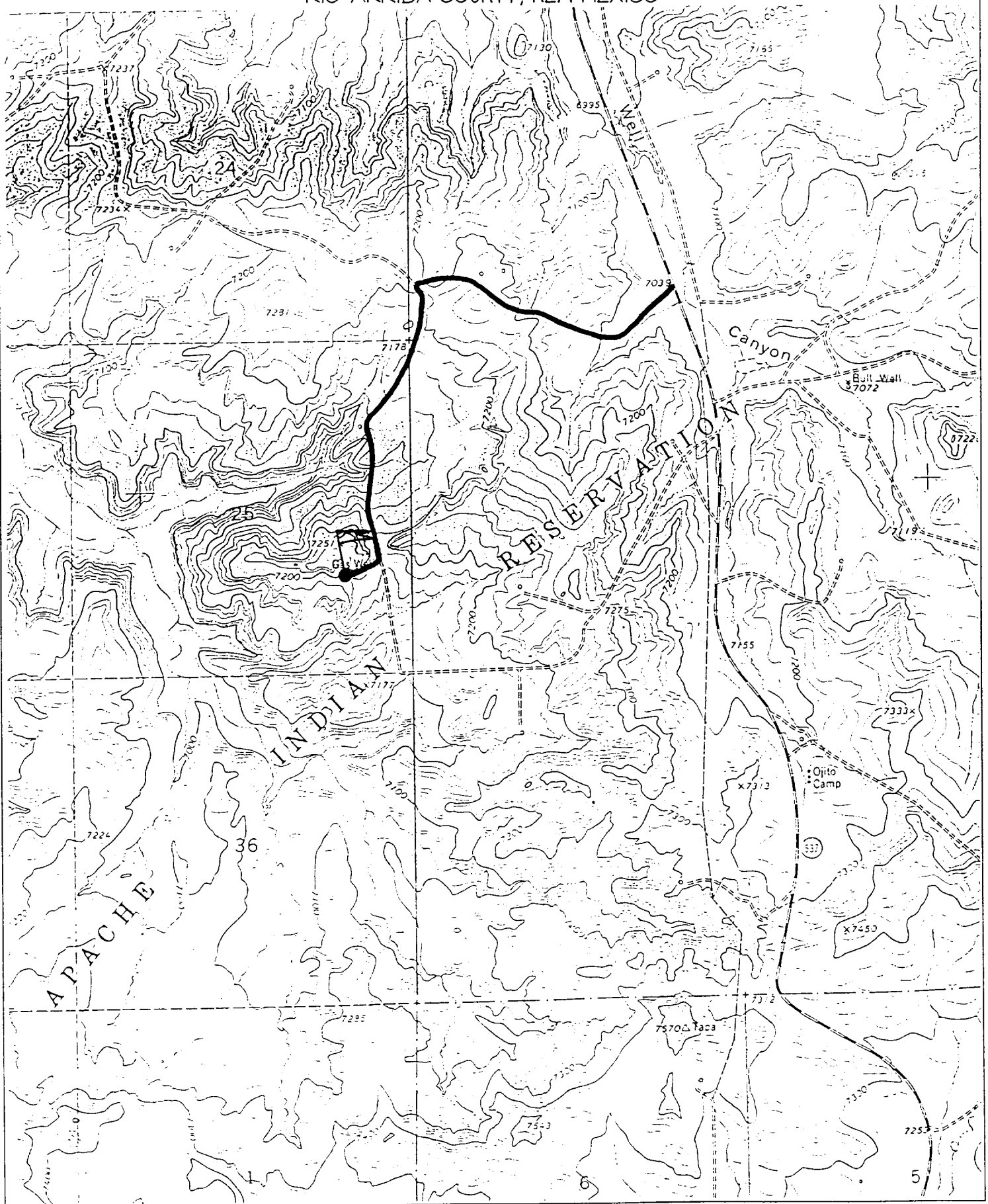
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres <u>320</u>					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 5280.00' RECEIVED APR 28 1998 OIL CON. DIV. DIST. 3	5278.68'		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>M-L Mankin</u> Signature Mike L. Mankin Printed Name Right-Of-Way Agent Title <u>33-78</u> Date		
	25		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief. NOVEMBER 18, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate Number		
5266.80'		1185'		1540'	

1540' FSL 1185' FEL SEC 25, T26N, R4W
RIO ARriba COUNTY, NEW MEXICO



PROPOSED WELL PLAN OUTLINE

WELL NAME: Jicarilla B No. 16

EST. GL = 7185

LOCATION: SEC 25, T-28N, R-4W, RIO ARRIBA CO., NM

EST. KB = 7198

FVD IN 1000 MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING		FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD		DAYS
					SIZE	DEPTH			WT	TYPE	
0				11"	8-5/8" 24# K-55 ST&C @ 300'			NORMAL	8.4 - 8.8# SPUD MUD		1
				7-7/8"	CRC CMT				8.4 - 8.8# GEL/POLYMER MAINTAIN MW AS LOW AS POSSIBLE		
1											
2											
3	OJAM @ 3259' FRLD @ 3484' PCCF @ 3788' LEWS @ 3917'	POSSIBLE WATERFLOW POSSIBLE GAS FLOW POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING						432 PSI 360 PSI		CONTROL FLUID LOSS PRIOR TO OJAM	
4											
5	CHRA @ 4728' CLFH/MV @ 5447' MENF @ 5570'				DV TOOL SET @ 4300' (CONTINGENT ON LOST CIRCULATION)		0.5	400 PSI 457 PSI			
6	PTLK @ 5948' MNCS @ 6418'	POSSIBLE SEVERE LOST RETURNS			DV TOOL SET @ 8350' (50'-100' ABOVE MNCS) CMT TO DV TOOL @ 4300'						
7	U. GLLP @ 7048' M. GLLP @ 7285' SNST @ 7598'										
8	GRHN @ 7908' GRRS DKOT @ 7970' PAGU @ 8168' T.D. @ 8231' NOTE: PERMIT TO 8531'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	7-7/8"	5-1/2" 15.5# K-55 LTC @ 8231' CMT TO DV TOOL AT TOP OF MNCS		0.5	715 PSI BHP - 2500 PSI BHT - 175 deg F	ADD 2% KCl @ GRRS DKOT 8.4 - 8.8# GEL/POLYMER		16

DATE 02/27/98

APPROVALS: *Robert B. Becken* for PWB

PREPARED:

Ricky Joyce/Ted Kelly
DRILLING ENGINEER

RES. ENGINEER

Robert B. Becken
PROD. ENGINEER

GEOLOGIST

DRILLING MGR.

10:13 AM