

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. 5073

3. 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

1190' FNL & 1580' FEL

At proposed prod. zone

1190' FNL & 1580' FEL

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

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 WELL8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7756'

20. ROTARY OR CABLE TOOLS

Rotary

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

6713' GR

22. APPROX. DATE WORK WILL START*

4/15/98

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#	7456'	1085 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 be 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.

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

[Signature]

TITLE

Mike L. Mankin

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) MICHAEL A. WICKATOBOS

TITLE

Asst Field Manager

DATE

*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.

[Signature]

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

98 MAR 10 AM 7:56
RECEIVED
BLM
ALBUQUERQUE, N.M.

District II
PO Drawer 80, Artesia, NM 88211-0719

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-2584		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 18023	*Property Name JICARILLA K		*Well Number 14E
*GRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6713'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
8	11	25N	5W		1190	North	1580	East	RIO ARriba

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

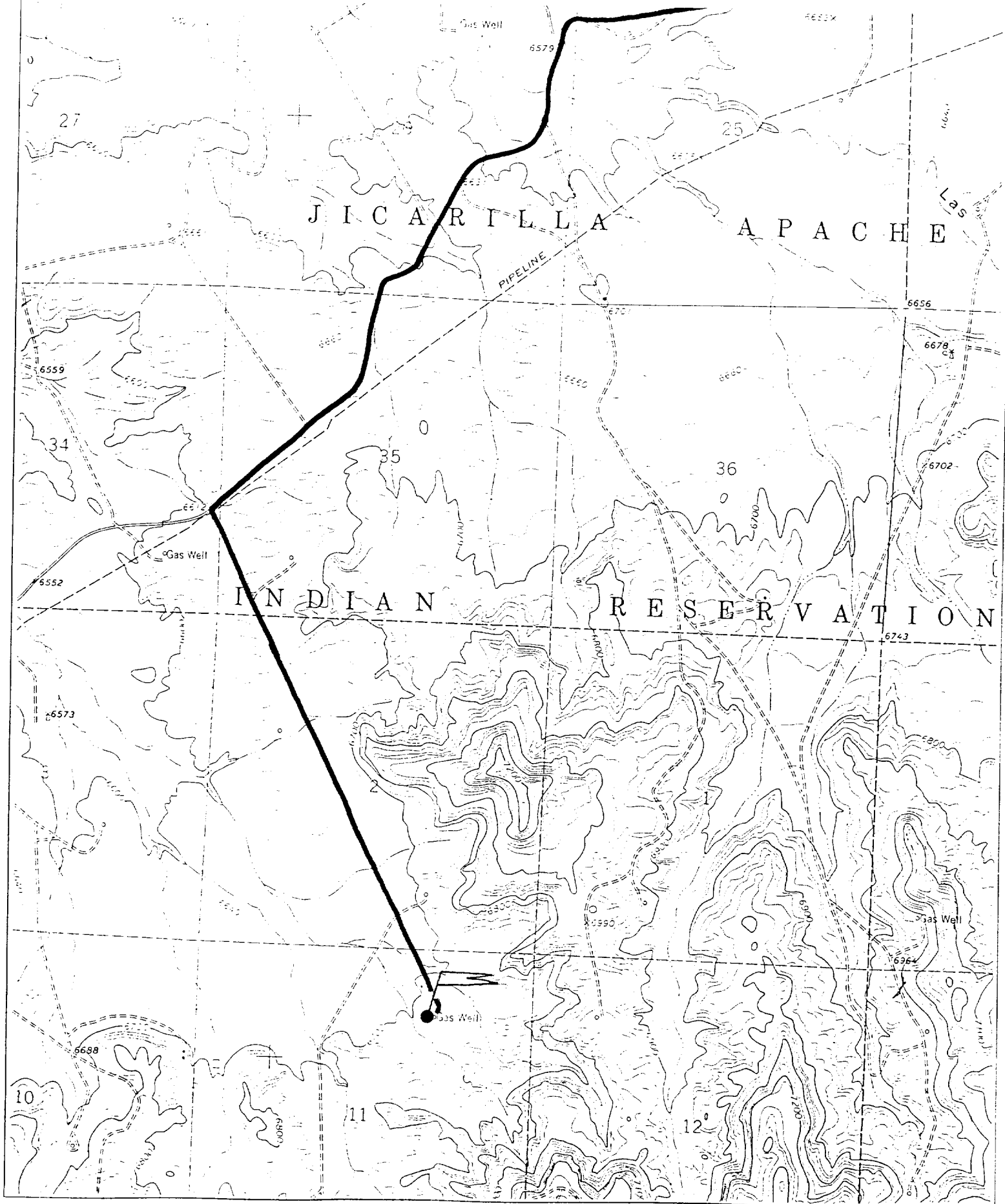
¹² Dedicated Acres 320 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>¹⁶</p> <p>5273.40'</p> <p>1190'</p> <p>1580'</p> <p>5280.00'</p> <p>5270.76'</p> <p>RECEIVED APR 28 1994 OIL CON. DIV. DIST. 3</p> <p>14.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mike L. Mankin</i></p> <p>Signature Mike L. Mankin</p> <p>Printed Name Right-of-way Agent</p> <p>Title 5-5-98</p> <p>Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 19, 1997</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857</p> <p>Certificate Number</p>	
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CONOCO, INC. JICARILLA K #14E

1190' FNL 1580' FEL SEC II, T25N, R5W
RIO ARriba COUNTY, NEW MEXICO



PROPOSED WELL PLAN OUTLINE

WELL NAME: Jicarilla K No. 14E

EST. GL =

6713

LOCATION: SEC 11, T-25N, R-5W, RIO ARriba CO., NM

EST. KB =

6726

TVD IN	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE	DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD WT	TYPE	DAYS
1000	MD										
0				11"	8-5/8" 24# K-55 ST&C @ 300'			NORMAL	8.4 - 8.8# SPUD MUD		1
				7-7/8"							
1									8.4 - 8.8# GEL/POLYMER MAINTAIN MW AS LOW AS POSSIBLE		
2											
	OJAM @ 2471'	POSSIBLE WATERFLOW						432 PSI		CONTROL FLUID LOSS PRIOR TO OJAM	
	FRLO @ 2647'	POSSIBLE GAS FLOW POSSIBLE LOST RETURNS						360 PSI			
3	PCCF @ 3015'	POSSIBLE DIFFERENTIAL STICKING									
	LEWS @ 3161'										
4	CHRA @ 3928'				DV TOOL SET @ 3500' (CONTINGENT ON LOST CIRCULATION)			400 PSI			
5	CLFH/MV @ 4717' MENF @ 4731'						0.5	457 PSI			
6	PTLK @ 5242'	POSSIBLE SEVERE LOST RETURNS			DV TOOL SET @ 5550' (50'-100' ABOVE MNCS) CMT TO DV TOOL @ 3500'						
	MNCS @ 5603'										
7	U. GLLP @ 6273'										
	M. GLLP @ 6543'										
	SNST @ 6850'										
	GRHN @ 7149' GRRS DKOT @ 7206'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE						715 PSI		ADD 2% KCl @ GRRS DKOT 8.4 - 8.8#	
	PAGU @ 7362' T.D. @ 7458'	IN DEEP DAKOTA	CASED HOLE LOGS	7-7/8"	5-1/2" 15.5# K-55 LTC @ 7458' CMT TO DV TOOL AT TOP OF MNCS		0.5	BHP - 2500 PSI BHT - 175 deg F		GEL/POLYMER	16
8											
	NOTE: PERMIT TO 7756'										

DATE: 02/27/98

APPROVALS:

PREPARED:

Ricky Joyce/Ted Kelly
DRILLING ENGINEER

RES. ENGINEER

PROD. ENGINEER

GEOLOGIST

DRILLING MGR.

10:49 AM