

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. SF-078496-A	
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 Conoco Inc. 5073				7. UNIT AGREEMENT NAME 16608 San Juan 28-7	
3. ADDRESS AND TELEPHONE NO. 10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500				8. FARM OR LEASE NAME WELL NO. 215M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 410' FNL & 2250' FWL At proposed prod. zone 410' FNL & 2250' FWL				9. API WELL NO. 30-039-25801	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*				10. FIELD AND POOL, OR WILDCAT 723/9 715/99 Blanco MV/Basin Dakota	
5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if Any)				11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA C Sec. 4, T27N, R7W	
6. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.				12. COUNTY OR PARISH Rio Arriba	
7. ELEVATIONS (Show whether DF, RT, GR, etc.) 6687' GR				13. STATE NM	
8. PROPOSED DEPTH 7742'				17. NO. OF ACRES ASSIGNED TO THIS WELL 11/319.79	
9. ROTARY OR CABLE TOOLS Rotary				20. APPROX. DATE WORK WILL START* 3/1/98	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6687' GR				22. APPROX. DATE WORK WILL START* 3/1/98	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	K-55, 9-5/8"	36#	250'	145 sxs, circ.	
8-3/4"	K-55, 7"	23#	3560'	470 sxs, circ.	
6-1/4"	K-55, 4-1/2"	9.5#	7742'	530 sxs, toc @ 3400'	

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. An NOS was filed 4/0/10/97. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility layout.
6. Temporary Pipeline Tie Specifications.

RECEIVED
MAR - 9 1998
OIL CON. DIV.
DIST. 3

This application includes ROW's for the well pad, access road, cathodic protection and pipeline.

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

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 2-5-98
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAR 06 1998

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 AS/ Duane W. Spencer TITLE _____ DATE MAR - 6 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.

NM/CDO

Form NM 1
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy Minerals & Natural Resources Department

Form O 101
Revised February 21, 1994

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

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

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25801	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 016608	⁵ Property Name SAN JUAN 28-7 UNIT	⁶ Well Number 215M
⁷ CGPAC No. 005073	⁸ Operator Name CONOCO, INC.	⁹ Elevation 6687'

¹⁰ Surface Location

UL or lot no. C	Section 4	Township 27N	Range 7W	Lot 10n	Feet from the 410	North/South line North	Feet from the 2250	East/West line West	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres W/319.79	¹³ Joint or Infill Y	¹⁴ Consolidation Code U	¹⁵ Order No. Non-Standard Location (Applied for)
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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

¹⁵ 2635.38' 410' 2250' 4 3 2 1 1364.22' 1371.48' 2742.96' 5292.54'	RECEIVED MAR 9 1998 OIL CON. DIV. DIST. 3 215M	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Mike L. Mankin Printed Name Right-Of-Way Agent Title 25-98 Date NOVEMBER 11, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 8887 Certification Number
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PROPOSED WELL PLAN OUTLINE

EST. GL = 6687
EST. KB = 6700

WELL NAME: **SJ 28-7 UNIT No. 215M**LOCATION: **SEC 4, T-27N, R-7W, RIO ARRIBA CO., NM**

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
0				12-1/4"	9-5/8" 56# K-55 ST&C @ 250'			NORMAL	8.4 - 8.8# SPUD MUD		1
1				9-3/4"	CIRC CMF				8.4 - 9.0# GEL/WATER		
2									MAINTAIN MW AS LOW AS POSSIBLE		
3								432 PSI	CONTROL FLUID LOSS PRIOR TO OJAM		
4	OJAM @ 2367'	POSSIBLE WATERFLOW									
5	KRLD @ 2528'										
6	FRLD @ 2836'	POSSIBLE GAS FLOW						360 PSI			
7	PCCF @ 3280'	POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING									
8	LEWS @ 3410'			8-3/4"	7" 23# 4-55 LTC @ 3560' (special drift)						5
9				6-1/4"	CIRC CMF				AIR/AIR MIST/GAS		
10	CHRA @ 4191'							400 PSI			
11	CLFH/MV @ 4915'	PROBABLE LOST RETURNS IF FLUID IN HOLE					0.5	457 PSI			
12	MENF @ 5013'										
13	PTLK @ 5476'										
14	MINCS @ 5865'										
15											
16	CLLP @ 5854'										
17											
18	GRHN @ 7393'										
19	GRRS DKOT @ 7455'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	6-1/4"	4-1/2" 3.5# K-55 LTC @ 7742'		0.5	713 PSI	AIR/AIR MIST/GAS		10
20	PAGU @ 7615'							6HT = 175 deg F			
21	T.O. @ 7742'										
22	NOTE: PERMIT TO 8042'										

DATE: **01/29/98**APPROVALS: *M. Shannon*

PREPAR *Ricky Joyce/Ted Kelly*
DRILLING ENGINEER

RES. ENGINEER
TDK
PROD. ENGINEER

GEOLOGIST
TDK
DRILLING MGR.

04:44:13 PM

CONOCO, INC. SAN JUAN 28-7 UNIT #215M

410' FNL 2250' FWL SEC 4, T27N, R7W
RIO ARriba COUNTY, NEW MEXICO

