

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

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. 005073

a. ADDRESS AND TELEPHONE NO

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

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

At surface

965' FSL & 1725' FBL

At proposed prod. zone

965' FSL & 1725' 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)

8. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

7517'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E/320 E/320

20. ROTARY OR CABLE TOOLS

Rotary

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

6572' GR

22. APPROX. DATE WORK WILL START*

6/30/98

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

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#	3230'	395 sxs, circ.
6-1/4"	K-55, 4-1/2"	9.5#	7517'	515 sxs, toc @ 3000'

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. be drilled and equipped according to the following additional attachments:

An NOS was filed 10/13/97. The well will
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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. Pipeline Tie Specifications with plat.

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

This was originally staked as the 113E, but due to recompletion of the 113 this well is now an infill well into multiple pools and needs to be named 113M according to the NMOCD (Ernie Bush).

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

Jo Ann Johnson

TITLE

Jo Ann Johnson

Sr. Property Analyst

DATE

5-28-98

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 08 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

Ernie Bush

TITLE

Pet Engineer

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.

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

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

93 JUN -1 PM 1:38 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25886	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 016608	*Property Name SAN JUAN 28-7 UNIT	*Well Number 113FM
*GRID No. 0050703	*Operator Name CONOCO, INC.	*Elevation 6572'

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
0	18	27N	7W		965	South	1725	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	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

15 1329.90'	1325.94'	2651.88'	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 5-22-98 Date
1			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 or under my supervision, and that the same is true and correct to the best of my belief. OCT 08 1998 Date of Survey Signature of Professional Surveyor NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR 6857 Certificate Number
2			
3			
4			

PROPOSED WELL PLAN OUTLINE

EST. GL = 6572

EST. KB = 6585

WELL NAM **SJ 28-7 UNIT No. 113M**
LOCATION: **SEC 18, T-27N, R-7W, RIO ARRIBA CO., NM**

TVD IN 1000	MD	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" 36# K-55 ST&C @ 250'		NORMAL	8.4 - 8.8# SPUD MUD	1
					8-3/4"	CIRC CMT			8.4 - 9.0# GEL/WATER MAINTAIN MW AS LOW AS POSSIBLE	
1										
2		OJAM @ 2085' KRLD @ 2218'	POSSIBLE WATERFLOW							
		FRLD @ 2507'	POSSIBLE GAS FLOW					432 PSI		
		PCCF @ 2930'	POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING					360 PSI	CONTROL FLUID LOSS PRIOR TO OJAM	
3		LEWS @ 3089'			8-3/4"	7" 23# K-55 LTC at 3230' (special drift) CIRC CMT				5
4		CHRA @ 3849'			6-1/4"			400 PSI	AIR/AIR MIST/GAS	
		CLFHMV @ 4593' MENF @ 4616'	PROBABLE LOST RETURNS IF FLUID IN HOLE				0.5	457 PSI		
5		PTLK @ 5180'								
		MNCS @ 5549'								
6		GLLP @ 6391'								
7		GRHN @ 7163' GRRS DKOT @ 7225' PAGU @ 7388'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	6-1/4"	4-1/2" 9.5# K-55 LTC @ 7517'	0.5	713 PSI BHT = 175 deg F	AIR/AIR MIST/GAS	10
		T.D. @ 7517'				TOC @ 3000'				
8		NOTE: PERMIT TO 7817'								

DATE 05/06/98

APPROVALS:

PREPARED:

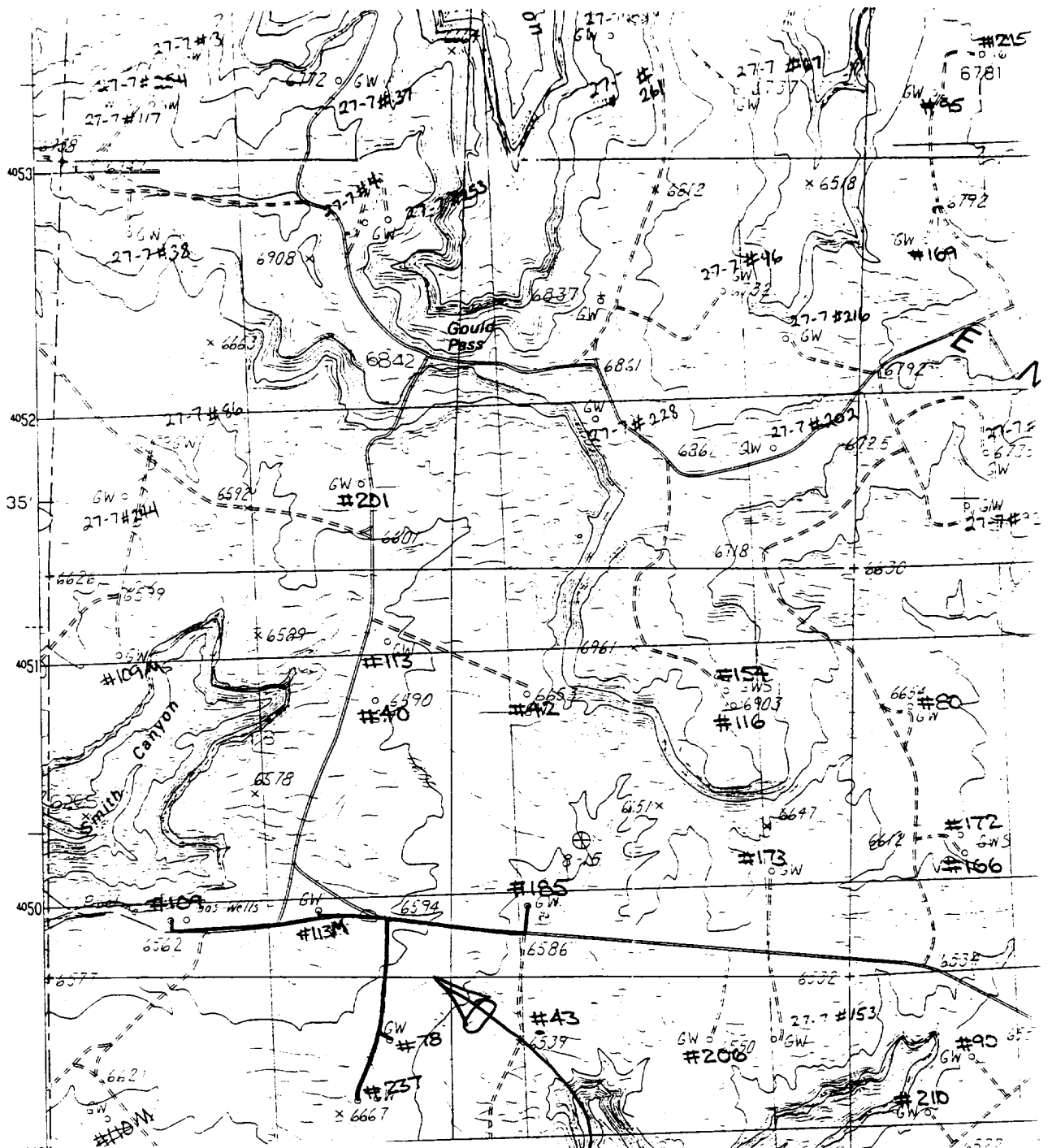
Ricky Joyce/Ted Kelly
DRILLING ENGINEER

RES. ENGINEER

5/8/98
PROD. ENGINEERYRS 5/8/98
GEOLOGIST

DRILLING MGR.

11:12 AM



28-7#113M (SE4, SECTION 18, 27N, 7W)

1. Install anode bed @ #113M
2. Install AC cable in road between #185 & #113M.
3. Install cathodic protection (CP) cable in road between #113M & #109
4. Install CP cable in road between #113M & #237, including #78.
5. Install CP cable in road between #113M & #185.

1998 APD

310