

**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

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

815' FNL & 880' FWL

At proposed prod. zone

815' FNL & 880' FWL

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

5. LEASE DESIGNATION AND SERIAL NO

SF 078205

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO

STEWART A COM #2M

9. API WELL NO

30-045-29591

10. FIELD AND POOL, OR WILDCAT

Blanco MV / Basin Dakota

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

D Sec. 32, T30N, R10W

12. COUNTY OR PARISH

San Juan

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

8. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

7340'

20. ROTARY OR CABLE TOOLS

Rotary

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

6014' GR

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

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
12-1/4"	K-55, 9-5/8"	36#	250'	135 sxs, circ.
8-3/4"	K-55, 7"	23#	2744'	335 sxs, circ.
6-1/4"	K-55, 4-1/2"	9.5#	7040'	470 sxs, toc @ 2600'

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. NOS was filed 2/21/98. 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. Pipeline survey plat.

RECEIVED
MAR 30 1998

OIL CON. DIV.
DIST. 3

This application includes ROW's for the well pad, access road 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 March 3, 1998

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

MAR 26 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:

/s/ Duane W. Spencer

APPROVED BY

TITLE

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

MAR 26 1998

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised February 21, 1994

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29591	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 23288	*Property Name STEWART A COM	*Well Number 2M
*OGRID No. 005073	*Operator Name CONOCO, INC.	*Elevation 6014'

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
D	32	30N	10W		815	NORTH	880	WEST	SAN JUAN

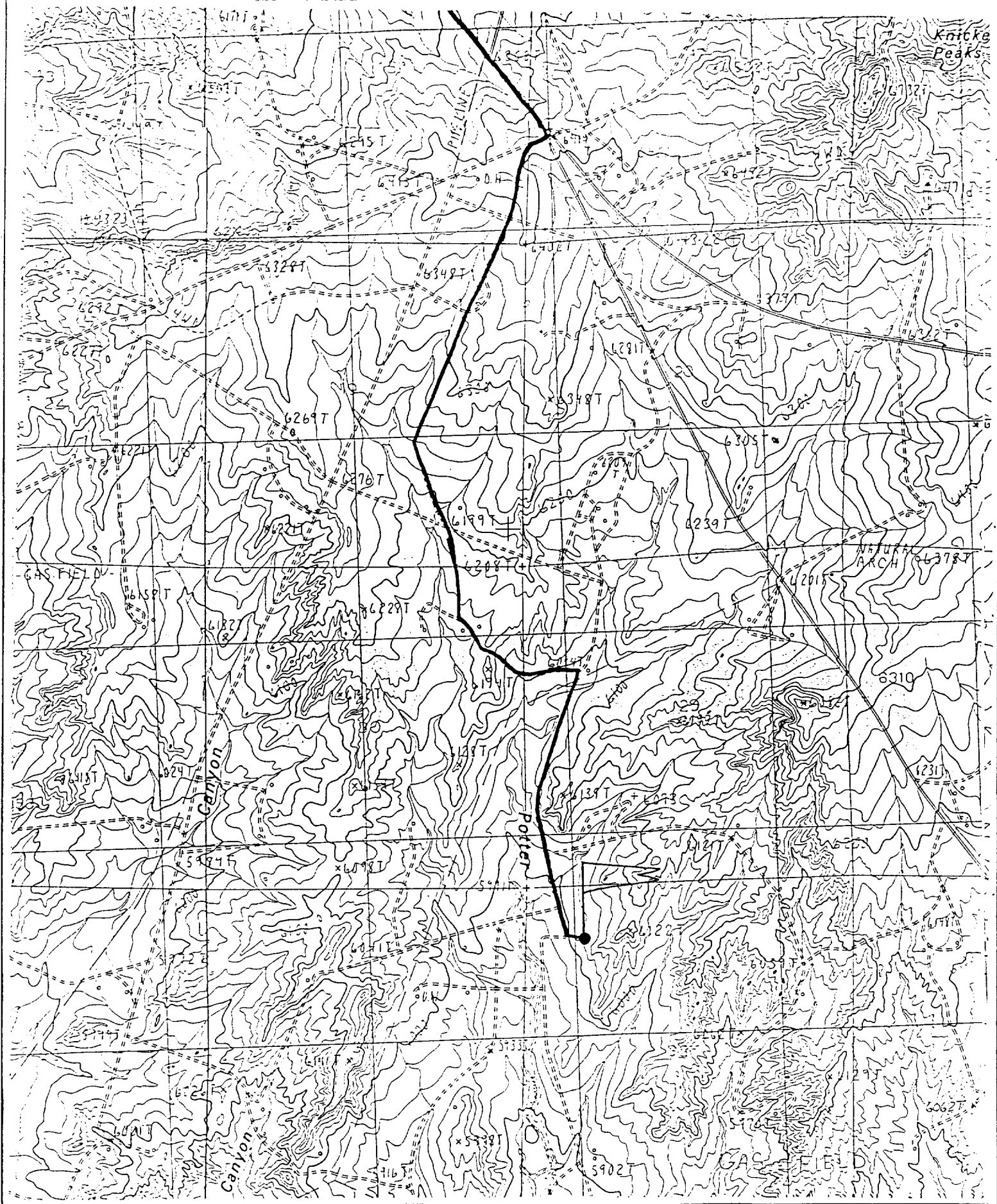
¹¹ Bottom Hole Location If Different From Surface

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 W 318.19 320 W 318.19					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 1 880' 815' 5207.40'	32	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 3-3-98 Date
5216.64'	2 3	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. FEBRUARY 13, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 RECEIVED FEBRUARY 13, 1998 Certificate Number
		RECEIVED MAR 30 1998 OIL CON. DIV. DIST. 3 5290.56'

CONOCO, INC. STEWART A COM #2M
815' FNL & 880' FNL SECTION 32, T30N, R10W
N.M.P.M., SAN JUAN COUNTY, NEW MEXICO



PROPOSED WELL PLAN OUTLINE

WELL NAME **STEWART A COM No. 2M**

EST. GL = 6014

EST. KB = 6025

LOCATION **SEC 32, T. 30N., R. 10W., SAN JUAN CO., NM**

TV D IN :000	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
1		OJAM @ 1147' KRLD @ 1301'	POSSIBLE WATERFLOW		8-3/4"	CIRC CM1			8.4 - 9.0# GEL/WATER	
2		FRLO @ 2127' PCCF @ 2444'	POSSIBLE GAS FLOW POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING		8-3/4"	7" 23# K-55 LTC @ 2744' (special drift) CIRC CM1			MAINTAIN MW AS LOW AS POSSIBLE CONTROL FLUID LOSS PRIOR TO OJAM	5
3		CHRA			8-1/4"				AIR/AIR MIST/GAS	
4		CLFH/MV @ 4144' MENF @ 4282'	PROBABLE LOST RETURNS IF FLUID IN HOLE				0.5	475 PSI 583 PSI		
5		PTLK @ 4768'								
6		GLLP @ 5993'								
7		GRHN @ 6728' GRRS OKOT @ 6843'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	8-1/4"	4-1/2" 9.5# K-55 LTC @ 7040'	0.5	715 PSI BHT = 175 deg F	AIR/AIR MIST/GAS	10
		T.D. @ 7040'				TOC @ 2800'				
		NOTE: PERMIT TO 7340'								

DATE **02/26/98**PREPARED: **Ricky Joyce/Ted Kelly**
DRILLING ENGINEER

APPROVALS:

RES. ENGINEER

PROD. ENGINEER

Chf Bias
GEOLOGIST

DRILLING MGR.

09:46 AM