

Form 3160-3
(July 1992)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

SINGLES
WELL ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. 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

1345' FNL & 1800' FEL

At proposed prod. zone

1345' FNL & 1800' 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 drilg. 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

5450'

20. ROTARY OR CABLE TOOLS

Rotary

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

5845'

22. APPROX. DATE WORK WILL START*

3/1/00

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	WC-50, 9-5/8"	32.5#	250'	146 sxs, circ.
8-3/4"	WC-50, 7"	20#	1949'	245 sxs, circ.
6-1/4"	WC-50, 4-1/2"	10.5#	5150'	355 sxs, tol @ 1749'

It is proposed to drill a vertical wellbore to the Blanco Mesaverde Pool. An NOS was filed 10/11/99. 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.

This program is subject to BLM and
procedural review pursuant to 43 CFR 3163.3
and approval pursuant to 43 CFR 3165.4.

This application includes ROW's for the well pad 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

Jo Ann Johnson

Jo Ann Johnson

Sr. Property Analyst

DATE 2/4/00

(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:

NMOCD

APPROVED BY

/s/ Charlie Beecham

TITLE

Team Lead, Petroleum Management

DATE

MAR 20 2000

*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.

OKCTP

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

District II
PO Drawer 00, 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-1
Revised February 21, 1999
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 30-045-30137		Pool Code 72319	Pool Name BLANCO MESAVERDE
Property Code 22386	Property Name HOUCK COM		Well Number 1A
OGRID No. 005073	Operator Name CONOCO, INC.		Elevation 5845'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
G	1	29N	10W		1345	NORTH	1800	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
324.61			

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

	LOT 8 1386.00'	LOT 7 5245.68'	LOT 6 1345'	LOT 5 1329.24'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike L. Mankin</i> Signature Mike L. Mankin Printed Name Right-of-Way Agent Title 11-29-99 Date
	LOT 9 1326.60'	LOT 11 1800'	LOT 12 1329.24'	LOT 13 1329.24'	
	LOT 16 2652.54'	LOT 15 5278.68'	LOT 14 5278.68'	LOT 13 5278.68'	
	LOT 17 2652.54'	LOT 18 5278.68'	LOT 19 5278.68'	LOT 20 5278.68'	

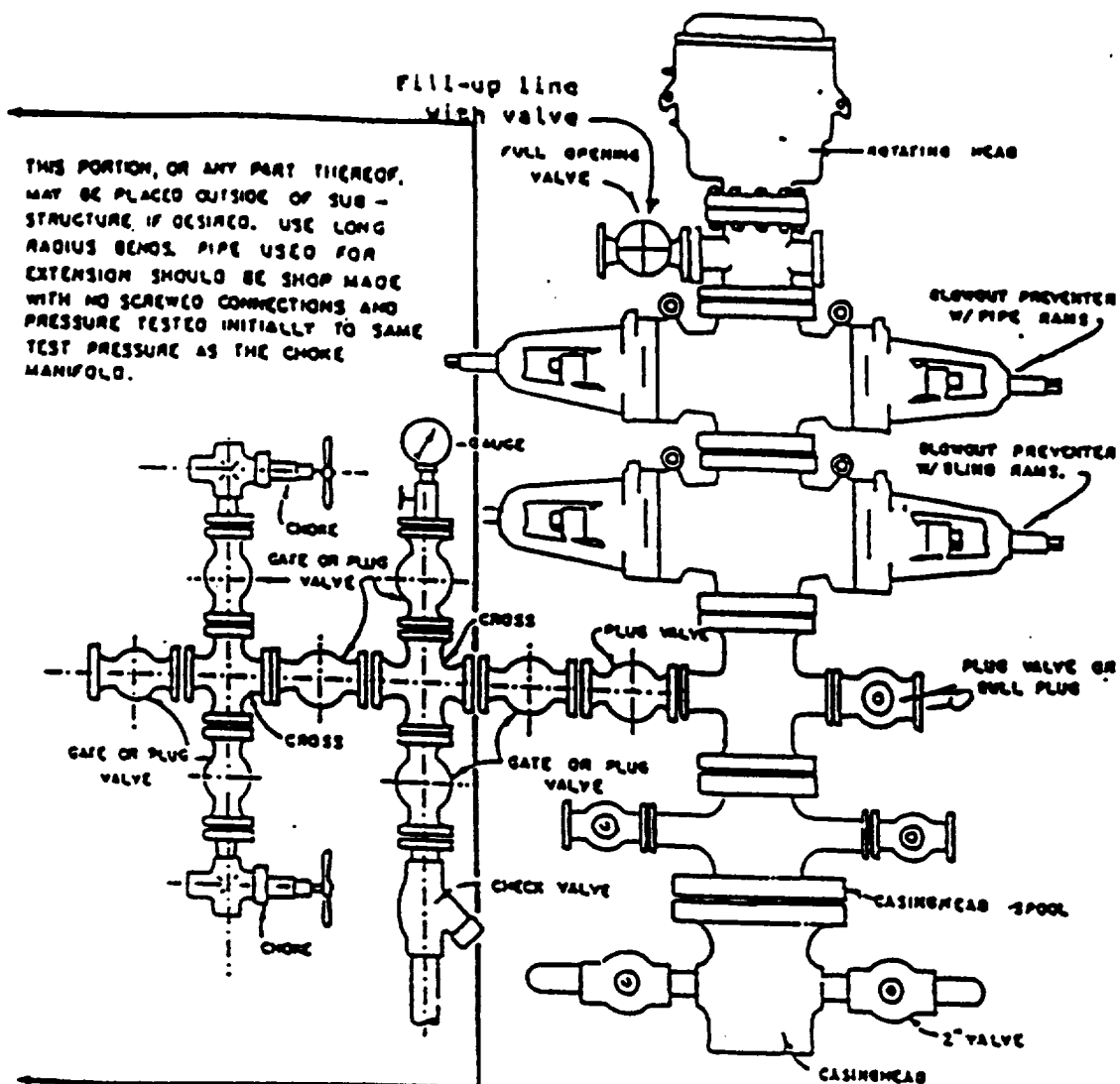
18 SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 19, 1999

Date of Survey

Signature and Seal of Surveyor

NEALE C. EDWARDS
 NEW MEXICO
 6857
 Certificate No. 6857

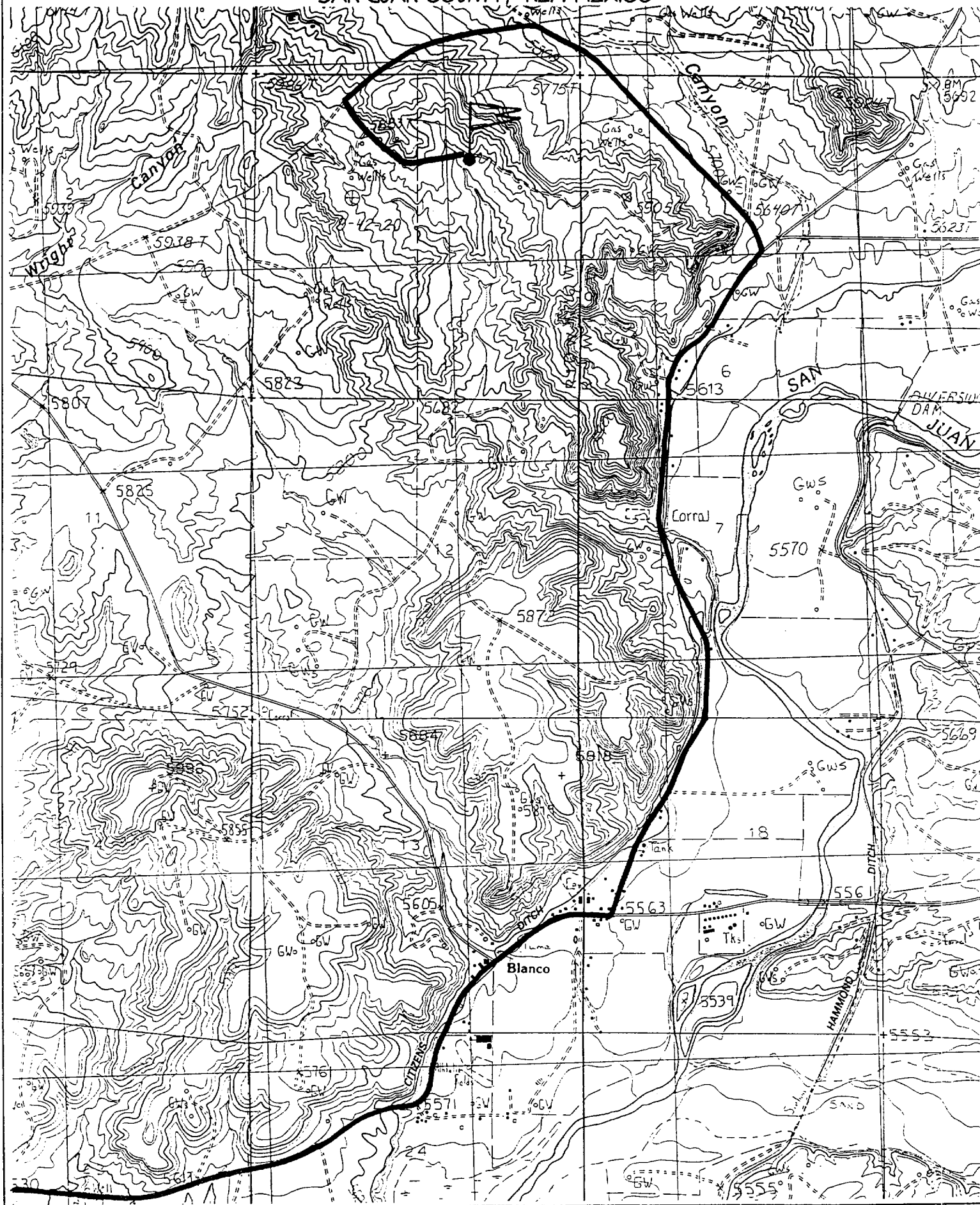


BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (2 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventor.
11. Rotating head.

1345' FNL & 1800' FEL, SECTION 1, T29N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO



Directions from the Intersection of US Hwy 44 & US Hwy 64 in Bloomfield, NM

to Conoco, Inc. Houck Com #1A

1345' FNL & 1800' FEL, Section 1, T29N, R10W, N.M.P.M., San Juan County, NM.

From the intersection of US Hwy 44 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 9.4 miles to County Road #4599 in Blanco, NM;

Go left (North-easterly) on County Road #4599 for 2.2 miles;

Go left (North-westerly) for 1.0 miles to fork in road;

Go left (South-westerly) for 0.7 miles to fork in road;

Go left (South-easterly) for 0.5 miles to staked location which overlaps the existing roadway.