

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(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

ENERGEN RESOURCES CORPORATION

3. ADDRESS AND TELEPHONE NO.

2198 Bloomfield Highway; Farmington, NM 87401

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

730' FSL, 1620' FEL

At proposed prod. zone

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

Ten (10) Miles NE of Gobernador, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 730'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED

TO THIS WELL

E/ 320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 75'

19. PROPOSED DEPTH

7250'

20. ROTARY OR CABLE TOOLS

Rotary

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

CEH 7548
7500' GR

This action is subject to technical and
procedural review pursuant to 43 CFR 3105.8
and appeal pursuant to 43 CFR 3105.9

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.30#	200'	130 cu. ft., circ. to surface
8 3/4"	7"	20 & 23#	4865'	1097 cu. ft., circ. to surface
6 1/8"	4 1/2"	10.5#	4715-7250'	358 cu. ft., circ. to intermediate

Selectively perforate and sand water fracture the Mesaverde Formation.

This gas is dedicated.

A Williams Field Service Pipeline ROW Plat is attached.

THIS IS AN EXPIDITED APD.



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

TITLE

Production Superintendent

DATE

1/19/00

(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:

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

FEB 24 2000

District I
PO Box 1990, Hobbs, NM 88241-1990

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer 30, 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

200 JAN 20 PM 1:36

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26315	*Pool Code 72319	*Pool Name Bianco Mesaverde
*Property Code 21994	*Property Name SAN JUAN 30-4 UNIT	*Well Number 45A
*GRID No. 162928	*Operator Name ENERGEN RESOURCES CORPORATION	*Elevation 7548'

10 Surface Location

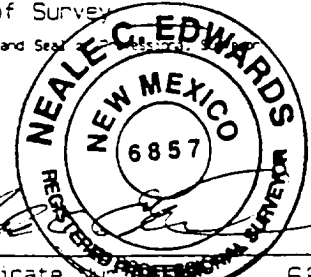
UL or Lot No. C	Section 20	Township 30N	Range 4W	Lot Ion	Feet from the 730	North/South line SOUTH	Feet from the 1620	East/West line EAST	County RIO ARriba
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11 Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
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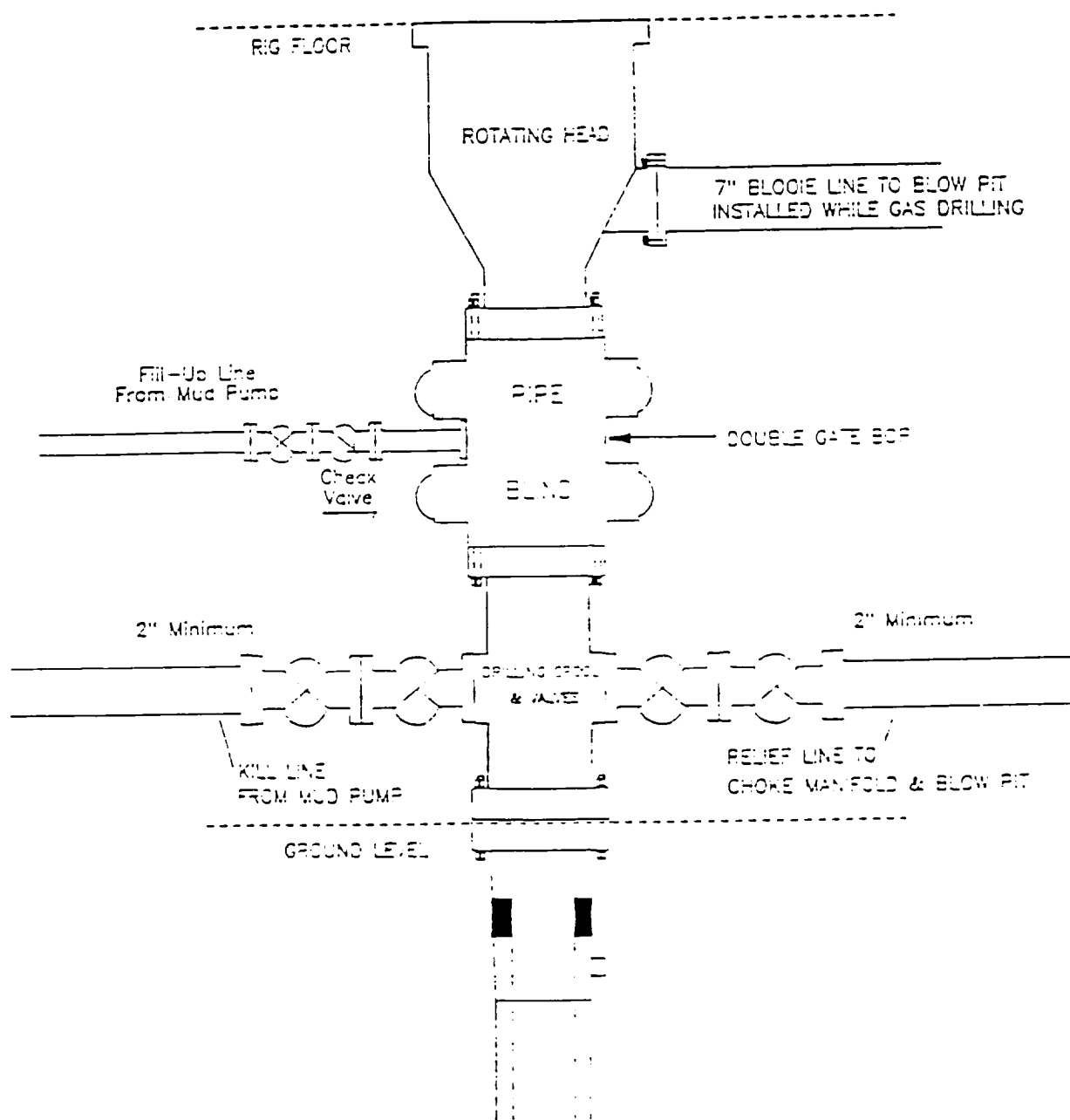
12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	5278.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Gary Brink Printed Name Production Superintendent Title 1/19/00 Date
5280.00'	20	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 26, 1999 Date of Survey Signature and Seal  Certificate No. 6857
5278.68'	730'	

ENERGEN RESOURCES CORPORATION

Mesa Verde / Dakota Well BOP Configuration



Minimum BOP installation for a Mesoverde well from Surface to Total Depth. 11" Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaffer Type 50 or equivalent rotating head to be installed on the top of the BOP. All equipment is 2000psi working pressure or greater.

Figure #1

ENERGEN RESOURCES CORPORATION SAN JUAN 30-4 UNIT #45A

T30' FSL & 1620' FEL, SECTION 20, T30N, R4W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

