

**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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. JIC CONT 99	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR ENERGEN RESOURCES CORPORATION			7. UNIT AGREEMENT NAME 21941	
3. ADDRESS AND TELEPHONE NO. 2198 Bloomfield Highway; Farmington, NM 87401			8. FARM OR LEASE NAME, WELL NO. Jicarilla 99 3A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1835' FSL, 1620' FEL At proposed prod. zone			9. API WELL NO. 30-039-26269	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 Miles North of Lindrith, NM			10. FIELD AND POOL, OR WILDCAT Gavilan PC/Blanco MV	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1620'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T26N, R3W, N.M.P.M.	
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL E/320 K60			13. STATE NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1400'			19. PROPOSED DEPTH 6500'	
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7305 GL	
22. APPROX. DATE WORK WILL START*			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	36#	200'	130 cu. ft., circ.
8 3/4	7	20 & 23#	4070'	918 cu. ft., circ.
6 1/4	4 1/2	10.5#	3920-6500	394 cu. ft., circ. liner

An application with NMOC is being submitted to downhole commingle. Selectively perforate and sand water fracture the Pictured Cliffs and Mesaverde. This gas is dedicated.

NOTE: THIS IS A PIPELINE ROW 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 [Signature] TITLE Production Superintendent DATE 9/27/99

(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:

ok cd Amel

APPROVED BY [Signature] TITLE AA For DATE 11/30/99

*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.

District II
PO Drawer DD, Artesia, NM 86211-0719

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

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

District IV
PO Box 2083, Santa Fe, NM 87504-2083

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039-26269	'Pool Code 77360 - 72319	'Pool Name Gavilan Pictured Cliffs - Blanco Mesavende
'Property Code 21941	'Property Name JICARILLA 99	'Well Number 3A
'OSRID No. 162928	'Operator Name ENERGEN RESOURCES CORPORATION	'Elevation 7305'

¹⁰ Surface Location

Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
J	13	26N	3W	1835	SOUTH	1620	EAST	RIO ARriba

¹¹Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	Conty.
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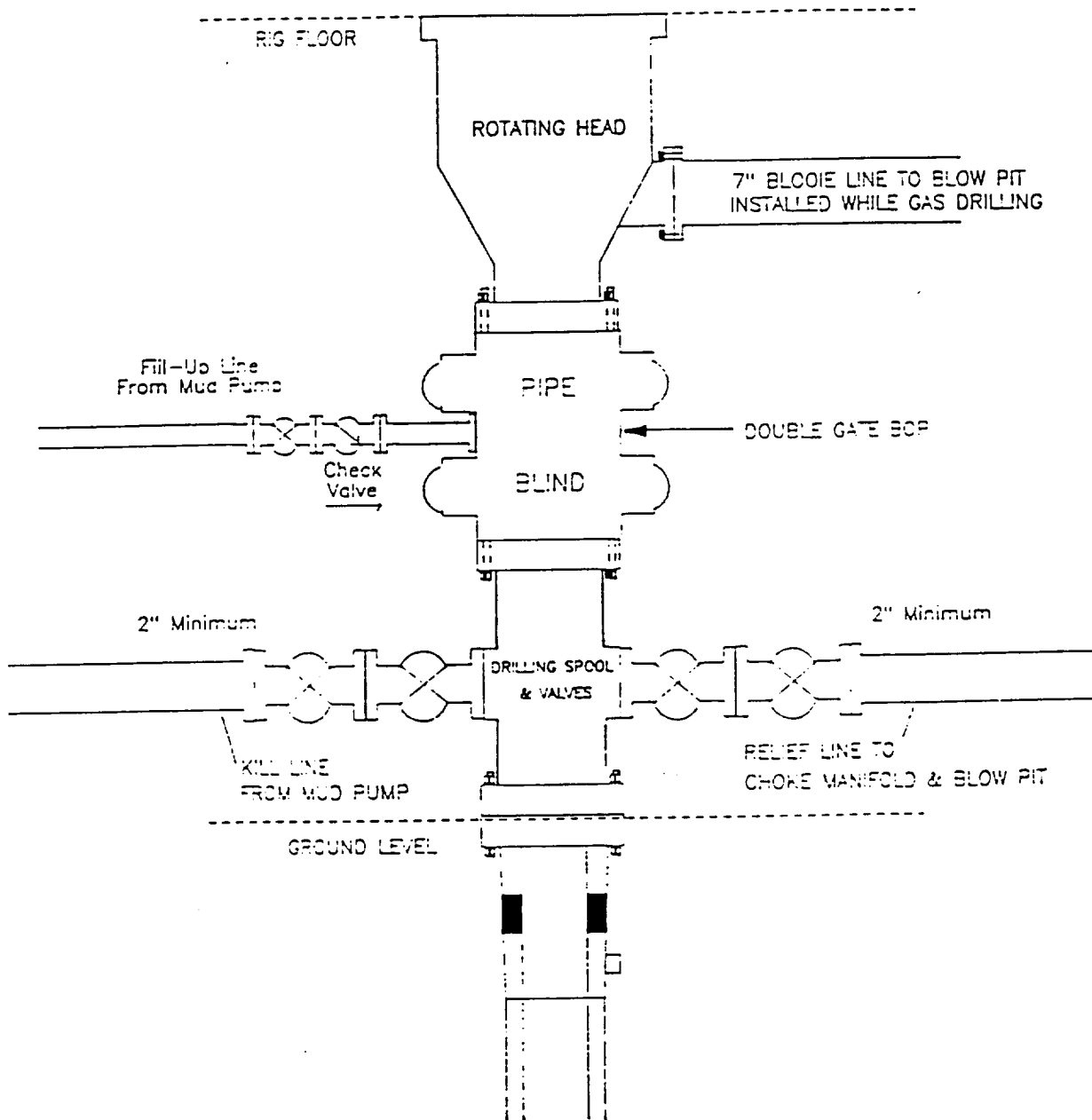
¹² Dedicated Acres 160/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____ Gary Brink Printed Name Production Superintendent Title 9/27/99 Date</p> <hr/> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JULY 16, 1999 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <div style="text-align: center;"> </div> <p>Certification Number _____ 6857</p>
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ENERGEN RESOURCES CORPORATION

Mesa Verde / Dakota Well BOP Configuration



Minimum BOP installation for a Mesaverde 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

