

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME San Juan 30-5 Unit	
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"/>		8. FARM OR LEASE NAME, WELL NO. SJ 30-5, #52M 9258	
2. NAME OF OPERATOR Phillips Petroleum Company 17654		9. API WELL NO. 30-039-25677	
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde & 72319	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface Unit I, 1456' FSL & 851' FEL, At proposed prod. zone Same		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 15, T30N, R5W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles east from Blanco		12. COUNTY OR PARISH Rio Arriba,	13. STATE NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 851' (east)	16. NO. OF ACRES IN LEASE 2560 Acres	17. NO. OF ACRES ASSIGNED TO THIS WELL 320 S/2-DK, 320 E/2 MV	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. @ 2500' (#52-DK)	19. PROPOSED DEPTH 8100'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) @ 6480' (unprepared Ground Level) and appeal pursuant to 43 CFR 3165.4.		22. APPROX. DATE WORK WILL START* 2nd Qtr. 1997	

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#, J/K-55	@ 350'	185 sx C1 B, 1.18 cu. ft/sx yield
8-3/4"	7"	20#, J/K-55	@ 3800'	Lead: 315 sx POZ 2.25 cuft/s yld
6-1/4"	4-1/2"	11.6# N-80	8100'	Tail: 150 sx CLB; 1.2 cuft/sx yld

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

BOP Equipment - See attached.

** Cement for the surface and intermediate casing will be circulated to the surface.
The 4-1/2" casing cement is designed to cover the open hole section (with 30% excess)
and at least 100' inside 7" casing (with 10% excess).

Cement details are attached, see the cement program in the Drilling Prognosis.

RECEIVED
APR 2 9 1997

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 Patsy Chugstun TITLE Regulatory Assistant DATE March 18, 1997
(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 W. Spencer 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.

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 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
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25677	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 009258	⁵ Property Name SAN JUAN 30-5 UNIT	⁶ Well Number 52M
⁷ GRID No. 017654	⁸ Operator Name PHILLIPS PETROLEUM	⁹ Elevation 6479

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
I	15	30-N	5-W		1456	SOUTH	851	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
I									

¹² Dedicated Acres 320 ac	¹³ Joint or Infill Y	¹⁴ Consolidation Code U	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


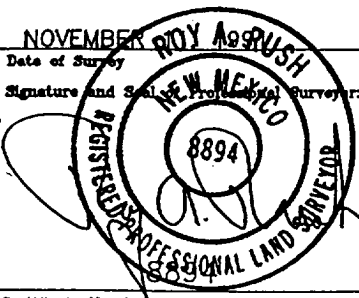
<div>16</div> <div>RECEIVED APR 29 1997 OIL CON. DIV. DIST. 3</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div> Signature R. A. Allred Printed Name Drilling & Production Supervisor Title 3-18-97 Date</div>	
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>NOVEMBER 1997 Date of Survey Signature and Seal of Professional Land Surveyor  Certificate Number</div>	

Diagram details:

- Well location marked with a circle and crosshair.
- Dimensions: 851' (horizontal), 1456' (vertical), 5266.80' (bottom horizontal).
- Section: SF-078997 (SE/4)
- Grid: N 89-45 E, N 00-03 E
- Handwritten numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

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'Property Code 009258	'Property Name SAN JUAN 30-5 UNIT	'Well Number 52M
'OGRID No. 017654	'Operator Name PHILLIPS PETROLEUM	'Elevation 6479

¹⁰ Surface Location

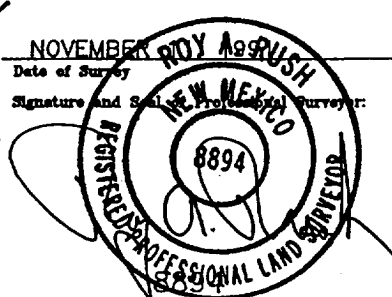
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SF-078994 (SW/4) SF-078997 (SE/4)

5280'

851'

1456'

N 89-45 E

5266.80'

