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Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

API NO. (assigned by OCD on New Wells)	30 015 27399
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	LH 2460

AUG 9 1993

S. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Pogo 36 State
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 2
2. Name of Operator Southwest Royalties, Inc.	9. Pool name or Wildcat Undesignated Delaware
3. Address of Operator P.O. Drawer 11390, Midland, Texas 79702 915 684-6381 915 686-9927	
4. Well Location Unit Letter <u>M</u> : <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>25-South</u> Range <u>29-East</u> NMPM <u>Eddy</u> County	

10. Proposed Depth 7200'	11. Formation Delaware	12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 3034.9'	14. Kind & Status Plug. Bond Blanket	15. Drilling Contractor to be selected	16. Approx. Date Work will start upon approval

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	54.5#	600'	600 sx	surface
11"	8 5/8"	24.0 & 32.0#	3200'	800 sx	450'
7 7/8"	5 1/2"	15.5 & 17#	7200'	1000 sx	3000'

This proposed well is a Delaware test.

BOP sketch is attached.

Application to drill initially filed by Pogo Producing Company, 4-9-93. This application amends casing program and location within same unit.

10-1
8-13-93
SHELD LAC

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 8-5-93
 TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS DATE AUG 9 1993
 SUPERVISOR, DISTRICT II TITLE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY: _____
 180 DAYS
 2-9-94