

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Anadarko Petroleum Corp. P.O. Box 2497 Midland, TX 79702		Permit Expires 1 Year From Approval Date Unless Drilling Underway		² OGRID Number 000817
⁴ Property Code 20087	⁵ Property Name Greer			⁶ Well No. 5

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	21	22S	36E		2250	North	660	West	Lea

⁸ Proposed 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

⁹ Proposed Pool 1 Langley - Ellenburger Gas Pool	¹⁰ Proposed Pool 2 Langley - Devonian Gas Pool
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¹¹ Work Type Code N	¹² Well Type Code X G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3529
¹⁶ Multiple Yes	¹⁷ Proposed Depth 15,800	¹⁸ Formation Ellenburger	¹⁹ Contractor	²⁰ Spud Date 12/14/98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	1400	1155	Surface
12 1/4	9 5/8	36 & 40	6200	1720	Surface
8 3/4	7	23, 26 & 29	15,800	1450	5000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Set 20" conductor @ 60' - 70' & concrete. Drill 17 1/2" hole with fresh water to 1400'. Cement to surface with 817 sxs 35:65 Poz C w/additives (1.87 yld) + 338 sxs C w/CaCl2 (1.34 yld). Set 3000 psi WP BOP. Drill 12 1/4" hole to 6200' with Brine. Set 9 5/8" casing @ 6200. Cement to surface in two stages using 320 sxs 50/50 Poz C w/additives (2.42 yld) + 360 sxs Class C (1.36 yld) in 1st stage & 840 sxs 50/50 Poz C w/additives + 200 sxs Class C (1.36 yld) in 2nd stage. Set 5000 psi WP BOP. Drill 8 3/4" hole to total depth using fresh water and mudding up @ 8800' with polymer mud w/9.4 ppg mud weight. Run 7" casing to total depth. Cement casing to 5000' in 2 stages using 1035 sxs Class H w/additives (1.34 yld) in 1st stage and 295 sxs 35/65 Poz H w/additives (1.99 yld) + 120 sxs Class H in 2nd stage.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *George R. S. Buehler*
Printed name: George R. S. Buehler
Title: Staff Drilling Engineer

OIL CONSERVATION DIVISION	
Approved by: <i>[Signature]</i>	
Title:	
Approval Date: NOV 21 1998	Expiration Date:

*yk
mfp*