

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-025-23535 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input checked="" type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name MATTERN
2. Name of Operator ARCH PETROLEUM INC.		8. Well No. 2
3. Address of Operator P. O. BOX 10340, MIDLAND, TX 79702-7340		9. Pool name or Wildcat PENROSE SKELLY GRAYBURG
4. Well Location Unit Letter <u>K</u> : 1980 Feet From The <u>SOUTH</u> Line and <u>1783</u> Feet From The <u>WEST</u> Line Section <u>30</u> Township <u>21S</u> Range <u>37E</u> NMPM LEA County		
10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 02/24/06
13. Elevations (DF& RKB, RT, GR, etc.) 3499		14. Elev. Casinghead
15. Total Depth	16. Plug Back T.D. 3960	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		19. Producing Interval(s), of this completion - Top, Bottom, Name GRAYBURG 3717-97, 3826-71, 3907-21
20. Was Directional Survey Made		21. Type Electric and Other Logs Run
22. Was Well Cored		23. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
12-3/4		312
8-5/8	24	2658
5-1/2	15.5	6012
HOLE SIZE		CEMENTING RECORD
17-1/2		250
11		250
7-7/8		450
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT	SCREEN	SIZE
		2-3/8
26. Perforation record (interval, size, and number) 3717-97, 3826-71, 3907-21 (OA) - TOTAL 20 HOLES		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3717-3921 (OA) AMOUNT AND KIND MATERIAL USED ACDZ W/ 1500 GALS 15% ACID FRAC W/ 9000# 20/40 BROWN SD + 30,000# 20/40 SLC
28. PRODUCTION		
Date First Production 03/16/06		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
Well Status (Prod. or Shut-in) PRODUCING		
Date of Test 03/23/06	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 41
Water - Bbl. 301	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl.	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr.)		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By GARY WELLS
30. List Attachments C-104, SUNDRY		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature <i>Cathy Wright</i>		Printed Name Cathy Wright Title: Sr. Eng Tech Date: 04/19/06
E-mail Address: wrightc@pogoproducing.com		