Form 3160-4 (July 1992)

1a. TYPE OF WELL:

At total depth

15. DATE SPUDDED

11/25/02

13-3/8

9 - 5/8

5-1/2

SIZE

35. LIST OF ATTACHMENTS

29.

NEW XX

SUBMIT IN DUPLICATE* **FORM APPROVED** UNITED STATES DÉPARTMENT OF THE INTERIORIS. (See other inBUREAU OF LAND MANAGEMENT). DIV-Dist. 2 structions on BUREAU OF LAND MANAGEMENT. DIV-DIST. DIV-DIST. 2 structions on BUREAU OF LAND MANAGEMENT. DI OMB NO. 1004-0137 (See other in-Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. NM-13409 WELL COMPLETION OR RECOMPLETION 6. IF INDIAN, ALLOTTEE OR TRIBE NAME OIL GAS XX DRY Other 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: WORK COVER DEEP-DIFF. RESVR. PLUG BACK Other RECEIVED 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR Pecos 33 Federal #2 FEB 1 0 2004 Pogo Producing Company 3. ADDRESS AND TELEPHONE NO. (915 **PSP** 新聞ESIA 30-015-32254 P. O. Box 10340, Midland, TX 79702-7340 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* McMillan Morrow North 1780' FNL & 1650' FWL 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA same At top prod. interval reported below Section 33, T19S, R27E same 12. COUNTY OR PARISH | 13. STATE 14. PERMIT NO. DATE ISSUED **Eddy County** 04/10/02 NM 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 19. ELEV. CASINGHEAD 16. DATE T.D. REACHED 3456 01/11/03 01/26/03 3455 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS **ROTARY TOOLS** CABLE TOOLS HOW MANY **DRILLED BY** 0-10,800 10,725 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE Morrow 10483-489, 10496-519 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED LDCN/GR, LL No CASING RECORD (Report all strings set in well) DEPTH SET (MD) CASING SIZE/GRADE WEIGHT, LBJFT. HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 48 505 17 - 1/2650 sks 47 & 43.5 3000 12 - 1/4900 sks 17 2741 sks 10,800 8-1/2 30. **TUBING RECORD** LINER RECORD BOTTOM (MD) TOP (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2-7/8 10,462 ECORD ACCEPTED FOR 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED FEB -2003 10.483-489 & 10.496-519 (6 spf) ALEXIS C. SWOBÔÐ PETROLEUM ENGINEER **PRODUCTION**

33 4 DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) 01/26/03 Flowing Producing DATE OF TEST HOURS TESTED **CHOKE SIZE** PROD'N FOR OIL-BBL. GAS--MCF. WATER-BBL. GAS-OIL RATIO TEST PERIOD 50 <u>01/28/03</u> 15 19/64 2356 47120:1 FLOW. TUBING PRESS. **CASING PRESSURE** CALCULATED OIL---BBL. GAS---MCF. WATER-BBL OIL GRAVITY-API (CORR.) 24-HOUR RATE 80 3770 0 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **TEST WITNESSED BY** Sold Gary Michael

<u>C-104.</u> Logs. Deviation Survey, Sundry

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED (

TITLE Sr. Operation Tech

01/29/03 DATE

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and . recoveries):

DESCRIPTION, CONTENTS, ETC.

воттом

TOP

1081

5543

FORMATION

1st Bone Spring

Queen

Wolfcamp Cisco Atoka Morrow Lm L. Morrow	7985 8396 9778 9974 10420				
38 . GEO	LOGICAL MARKERS		38.	GEOLOGICAL MARKERS	
NAME	MEAS. DEPTH	TRUE VERT. DEPTH	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	- Value - Valu	DANAMA DA			٠
				U.S. GOVERNMENT PRINT	ING OFFICE: 1992 – 774-67