

Oil Cons.
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. DIV. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-57273

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Palladium 7 Federal #4

9. API WELL NO.

30-015-32817

10. FIELD AND POOL, OR WILDCAT

Sand Dunes Delaware South

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7, T24S, R31E

12. COUNTY OR PARISH

Eddy County

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340 432-685-8100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 2310' FWL, Section 7

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

05/23/03

15. DATE SPUDDED

02/09/04

16. DATE T.D. REACHED

02/24/04

17. DATE COMPL. (Ready to prod.)

03/14/04

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

3472

19. ELEV. CASINGHEAD

3473

20. TOTAL DEPTH, MD & TVD

8223

21. PLUG, BACK T.D., MD & TVD

8134

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-8223

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Delaware 7936-44, 7834-44, 7769-73

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

HRI, DSN/SDL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	1010	17-1/2	1100 sks	
8-5/8	32	4102	11	1265 sks	
5-1/2	15.5 & 17	8223	7-7/8	1760 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7710	

31. PERFORATION RECORD (Interval, size and number)

7936-44, 7834-44, 7769-73 (1 spf)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7769-7944	Acid w/ 1600 gals 7-1/2% acid
	Frac w/ 66,000# 16/30 TLC +
	66,250# 16/30 SLC

33. * PRODUCTION

DATE FIRST PRODUCTION 03/14/04		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 03/16/04	HOURS TESTED 21	CHOKE SIZE ---	PROD'N FOR TEST PERIOD →	OIL—BBL. 153	GAS—MCF. 164	WATER—BBL. 204	GAS-OIL RATIO 1072:1
FLOW. TUBING PRESS. ---	CASING PRESSURE ---	CALCULATED 24-HOUR RATE →	OIL—BBL. 175	GAS—MCF. 187	WATER—BBL. 233	OIL GRAVITY-API (CORR.) 40.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

C-104, Sundry, Deviation Survey, Logs

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

DATE 03/22/04

*(See Instructions and Spaces for Additional Data 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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Basal Anhydrite	4010		
Delaware Lime	4140		
Bell Canyon	4217		
Cherry Canyon	5110		
Brushy Canyon	6408		
Bone Spring	8040		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH

Pogo Producing Company
P.O. Box 10340
Midland, TX 79702-7340

CONFIDENTIAL

Palladium 7 Federal #4
Eddy County, New Mexico

RECEIVED

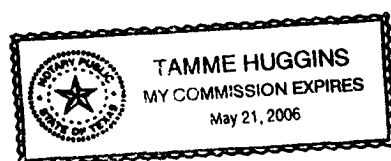
MAR 25 2004

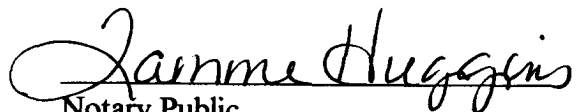
OCD-ARTESIA

245	2.45	3/4	1.31	3.22	3.22
488	2.43	3/4	1.31	3.19	6.41
642	1.54	1 1/4	2.19	3.37	9.77
765	1.23	3/4	1.31	1.61	11.39
888	1.23	3/4	1.31	1.61	13.00
1222	3.34	3/4	1.31	4.38	17.39
1475	2.53	1/2	0.88	2.21	19.60
1727	2.52	1	1.75	4.41	24.01
1978	2.51	3/4	1.31	3.29	27.30
2230	2.52	1 1/4	2.19	5.51	32.82
2480	2.50	1	1.75	4.38	37.19
2732	2.52	1 1/4	2.19	5.51	42.70
2984	2.52	3/4	1.31	3.31	46.01
3236	2.52	2	3.50	8.82	54.83
3394	1.58	2 1/4	3.94	6.22	61.05
3488	0.94	1 1/2	2.63	2.47	63.52
3645	1.57	2	3.50	5.50	69.02
3803	1.58	3	5.25	8.30	77.31
3929	1.26	3	5.25	6.62	83.93
3992	0.63	2	3.50	2.21	86.13
4258	2.66	1	1.75	4.66	90.79
4542	2.84	1 1/4	2.19	6.21	97.00
4856	3.14	1/2	0.88	2.75	99.75
5140	2.84	3/4	1.31	3.73	103.47
5455	3.15	1 1/2	2.63	8.27	111.74
5768	3.13	2	3.50	10.96	122.70
6052	2.84	1 3/4	3.06	8.70	131.39
6367	3.15	1 1/4	2.19	6.89	138.29
6682	3.15	1 1/2	2.63	8.27	146.55
7281	5.99	3	5.25	31.45	178.00
7563	2.82	1 3/4	3.06	8.64	186.64
7878	3.15	2	3.50	11.03	197.66
8223	3.45	2	3.50	12.08	209.74


Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 3rd day of March, 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.




Notary Public