

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No. **NM-104730**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Sundance Federal #24**

9. AFI Well No. **30-015-33385**

10. Field and Pool, or Exploratory **Sand Dunes Delaware West**

11. Sec., T., R., M., on Block and Survey or Area **4/24S/31E**

12. County or Parish **Eddy County** | 13. State **NM**

14. Date Spudded **05/10/04** | 15. Date T.D. Reached **05/25/04** | 16. Date Completed **06/10/04**  
 D & A |  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **3412**

18. Total Depth: MD **8250** | 19. Plug Back T.D.: MD **8173** | 20. Depth Bridge Plug Set: MD **MD**  
 TVD | TVD | TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **LDCN/GR, LL/MCFL**

22. Was well cored?  No |  Yes (Submit analysis)  
 Was DST run?  No |  Yes (Submit report)  
 Directional Survey?  No |  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (EBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		680		660 C		surface	
11	8-5/8	32		4170		1450 C		surface	
7-7/8	4-1/2	11.6		8250		2130 C		2200'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8	7842							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware			8049-7900 (OA)		28	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
8049-7900(OA)	Acadz w/ 1800 gals 7-1/2% acid
	Frac w/ 77,000# TLC + 44,000# SLC

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28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/10/04	06/13	24	→	85	118	141	40.1		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				1388:1	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Basal Anhydrite	4045				
Delaware Lime	4272				
Bell Canyon	4301				
Cherry Canyon	5198				
Brushy Canyon	6453				
Bone Spring	8105				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)  
  Geologic Report  
  DST Report  
  Directional Survey  
 Sundry Notice for plugging and cement verification  
  Core Analysis  
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cathy Wright Title Sr. Operation Tech  
 Signature *Cathy Wright* Date June 14, 2004

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make 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.

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

Sundance Federal #24  
Eddy County, New Mexico

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240	2.4	1	1.75	4.20	4.20
532	2.92	3/4	1.31	3.83	8.03
679	1.47	1	1.75	2.57	10.61
950	2.71	1	1.75	4.74	15.35
1262	3.12	3/4	1.31	4.10	19.44
1577	3.15	3/4	1.31	4.13	23.58
1861	2.84	1/2	0.88	2.49	26.06
2176	3.15	3/4	1.31	4.13	30.20
2459	2.83	1	1.75	4.95	35.15
2774	3.15	1 1/4	2.19	6.89	42.04
3089	3.15	3/4	1.31	4.13	46.17
3373	2.84	1	1.75	4.97	51.14
3688	3.15	1 1/2	2.63	8.27	59.41
4002	3.14	3	5.25	16.49	75.90
4332	3.3	2 1/2	4.38	14.44	90.34
4647	3.15	1	1.75	5.51	95.85
4994	3.47	1 1/4	2.19	7.59	103.44
5278	2.84	1	1.75	4.97	108.41
5593	3.15	3/4	1.31	4.13	112.54
5876	2.83	3/4	1.31	3.71	116.26
6191	3.15	3/4	1.31	4.13	120.39
6507	3.16	1 1/4	2.19	6.91	127.30
6820	3.13	1	1.75	5.48	132.78
7135	3.15	1 3/4	3.06	9.65	142.43
7450	3.15	2 1/4	3.94	12.40	154.83
7765	3.15	2	3.50	11.03	165.86
8250	4.85	1 1/2	2.63	12.73	178.59

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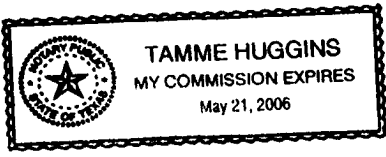
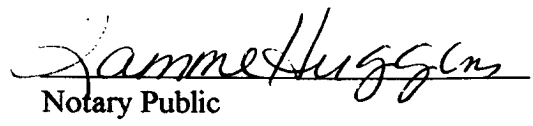
JUN 15 2004

ORB-ARTESIA



Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 2nd day of June 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.

Notary Public