

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO.
30-015-23816

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER _____

7. Lease Name or Unit Agreement Name

Swearingen

2. Name of Operator
Costilla Energy, Inc.

8. Well No.
1

3. Address of Operator
P O Box 10369, Midland, Texas 7902

9. Pool name or Wildcat
~~Bone Spring~~ S. Culebra
Bluff BS

4. Well Location
Unit Letter J : 1650 Feet From The South Line and 1980 Feet From The East Line
Section 4 Township 23S Range 28E NMPM Eddy County

10. Date Spudded 07/05/81 11. Date T.D. Reached 10/02/81 12. Date Compl. (Ready to Prod.) 09/27/97 13. Elevations (DF & RKB, RT, GR, etc.) GR 3104 14. Elev. Casinghead

15. Total Depth 12,750 16. Plug Back T.D. 9400' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 8068-8137 - Bone Springs 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run 22. Was Well Cored No

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	358'	26"	530 sx Lite & 200 sx CI C	
13 3/8"	54.5 & 61#	2503'	17 1/2"	1900 sx Lite & 200 sx CI C	
9 5/8"	40 & 43.5 #	10,003'	12 1/4"	1250 TLW, 300 sx CI H (1st Stg)	
				1500 Lite, 200 sx CI H (2nd Stg)	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
7 5/8"	9591'	11977	50 sx CI H			
5"	11,705'	12,748'	175 sx CI H			

26. Perforation record (interval, size, and number) 8068 - 8137 w/ 1JSPF (29 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8068-8137	5000 gals 7.5% Fercheck type HCl acid.
		30,000 gals Delta Frac 25 & 28,000# 20/40 sd

28. PRODUCTION

Date First Production 09/07/97		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod	
Date of Test 09/07/97	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - BbL. 44	Gas - MCF 50	Water - BbL. 30	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

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed Name

Julie Johnson

Title

Regulatory Analyst

Date

2-12-98

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
1910.0	11155.0	11378.0	T. Leadville
T. Yates	T. Miss	T. Cliff House	T. Madison
T. 7 Rivers	T. Devonian	T. Menefee	T. Elbert
T. Queen	T. Silurian	T. Point Lookout	T. McCracken
T. Grayburg	T. Montoya	T. Mancos	T. Ignacio Otzie
T. San Andres	T. Simpson	T. Gallup	T. Granite
T. Clorieta	T. McKee	Base Greenhorn	
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Delaware Sand	T. Todilto	
T. Drinkard	T. Bone Springs	T. Entrada	
T. Abo	T. 1st Bone Spring	T. Wingate	
9400.0	7060.0	T. Chinle	
T. Wolfcamp	T. 2nd Bone Spring	T. Permian	
T. Penn	T. 3rd Bone Spring	T. Penn. "A"	
T. Cisco (Bough C)	T. Morrow		
	12151.0		

OIL OR GAS SANDS OR ZONES

No. 1, from gas 11432	to 11458	No. 3, from gas sd 12180	to 12605
No. 2, from gas 11492	to 11508	No. 4, from gas 11528	to 11536

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet

No. 2, from _____ to _____ feet

No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
0.0	1910.0	1910.0	Salt & Anhy
2550.0	6073.0	3523.0	Sandstone & Shale
7060.0	7740.0	680.0	Sandstone & Limestone
9050.0	9400.0	350.0	Sandstone
11155.0	12151.0	996.0	Limestone & Shale
From	To	Thickness in Feet	Lithology
1910.0	2550.0	640.0	Limestone & Shale
6073.0	7060.0	987.0	Limestone & Shale
740.0	9050.0	1310.0	Sandstone & Limestone
9400.0	11155.0	1755.0	Shale & Limestone
12151.0	12750.0	599.0	Sandstone & Shale