

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Emerald	
2. Name of Operator Crown Central Petroleum Corporation		9. Well No. 1	
3. Address of Operator 4000 N. Big Spring, Midland, Texas 79705		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>19S</u> RGE. <u>38E</u> NMPM		12. County Lea	
15. Date Spudded 9-18-87	16. Date T.D. Reached 10-22-87	17. Date Compl. (Ready to Prod.) 11-25-87	18. Elevations (DF, RKB, RT, GR, etc.) 3591 (RKB)
19. Elev. Casinghead 3575.6		23. Intervals Drilled By Rotary Tools 0-8200'	
20. Total Depth 8200'	21. Plug Back T.D. 7150'	22. If Multiple Compl., How Many	25. Was Directional Survey Made X
24. Producing Interval(s), of this completion - Top, Bottom, Name 7041'-7077' Drinkard			27. Was Well Cored
26. Type Electric and Other Logs Run CNL-CDL, DLL-GR, BHC			

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.50	203'	17-1/2	210 sks. Class "C"	-0-
8-5/8	24	1558'	12-1/4"	615 "Lite, 195 sks. "C"	0
5-1/2		8199			

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7000	-

31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7041'-7077' .49" holes 11 holes			7041-7077	1000 gal. 15% NEFF

33. PRODUCTION							
Date First Production 11-25-87		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 12-1-87	Hours Tested 24	Choke Size 32/64	Prod'n. For Test Period →	Oil - Bbl. 61	Gas - MCF 73	Water - Bbl. 1	Gas - Oil Ratio 1197
Flow Tubing Press. 110	Casing Pressure 440	Calculated 24-Hour Rate →	Oil - Bbl. 61	Gas - MCF 73	Water - Bbl. 1	Oil Gravity - API (Corr.) 39	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Flared						Test Witnessed By Kent Cearley	

35. List of Attachments
Dual Laterolog BHC Sonic CBL/GR

36. 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.

SIGNED K.K. Kirby TITLE Petroleum Engineer DATE Dec. 2, 1987

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission 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 special 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 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate 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	1665'	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.								
T. Salt	1750'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T.	T.	T.	T.	T.	T.	T.	T. Glorieta	5600'	T. McKee	T. Base Greenhorn	T.	T.	T. Delaware Sand	T. Bone Springs	T.	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)						
T. Yates	2870'	T. Miss	T. Cliff House	T. Menefee	T. Point Lookout	T. Mancos	T. Gallup	T. Simpson	T. Montoya	T. Sturrian	T. Devonian	T. Silurian	T. Queen	3372'	T. Grayburg	4255'	T. San Andres	4350'	T. Glorieta	5600'	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. 7 Rivers	3098'	T. Devonian	T. Miss	T. Pictured Cliffs	T. Penn. "B"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)					
T. Queen	3372'	T. Silurian	T. Miss	T. Pictured Cliffs	T. Penn. "B"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)					
T. Grayburg	4255'	T. Montoya	T. Miss	T. Pictured Cliffs	T. Penn. "B"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)					
T. San Andres	4350'	T. Simpson	T. Miss	T. Pictured Cliffs	T. Penn. "B"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Paddock	5790'	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)					
T. Glorieta	5600'	T. McKee	T. Base Greenhorn	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Glorieta	5600'	T. McKee	T. Base Greenhorn	T.	T.	T. Delaware Sand	T. Bone Springs	T.	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)						
T. Drinkard	6722'	T. Delaware Sand	T. Bone Springs	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Drinkard	6722'	T. Delaware Sand	T. Bone Springs	T.	T.	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)				
T. Abo	7149'	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Abo	7149'	T.	T.	T.	T.	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)				
T. Tubb	6470'	T. Granite	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Tubb	6470'	T. Granite	T.	T.	T.	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)				
T. Drinkard	6722'	T. Delaware Sand	T. Bone Springs	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Drinkard	6722'	T. Delaware Sand	T. Bone Springs	T.	T.	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)				
T. Cisco (Bough C)		T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T. Cisco (Bough C)		T.	T.	T.	T.	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.	T.	T. Wolfcamp	T. Penn.	T. Cisco (Bough C)				

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
665	1750	85	Anhydrite				
750	2880	1130	Salt/Anhy.				
880	4255	1375	Dolomite/S.S.				
1255	4350	95	S.S.				
1350	5600	1250	Dolomite				
1600	6000	400	Dolomite/S.S.				
1600	6490	490	Dolomite/Limestone				
16470	6722	252	SS/Siltstone				
16722	7149	427	Dolomite				
17149	8200		Limestone/Dolomite				

RECEIVED

DEC 3 1987

OCD

HOBBS OFFICE