

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

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

Form C-105
Revised 11-1-85

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

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. Unit Agreement Name
8. Farm or Lease Name
Archer
9. Well No.
1
10. Field and Pool, or Wildcat
Chaveroo (San Andres)

2. Name of Operator	
Kern Co.	
3. Address of Operator	
3005 North Big Spring St., Midland, Texas 79705	
4. Location of Well	

UNIT LETTER	K	LOCATED	2050	FEET FROM THE	West	LINE AND	1980	FEET FROM
THE South LINE OF SEC. 17 TWP. 7-S RGE. 34-E NMPM								

12. County
Roosevelt

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-18-85	4-1-85	4-4-85	4320' GL	4319'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
4350'	4307'		Surf-T.D.	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
4076' to 4254' San Andres 3373'			No
26. Type Electric and Other Logs Run			27. Was Well Cored
Gamma Ray-Neutron			No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	36.71#	40'	18"	240 w/8 sx mix	None
8 5/8"	24 #	1800'	12 1/4"	775 sx cement	None
5 1/2"	15.5 & 17#	4350'	7 7/8"	500 sx cement	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	4120'	None

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4076' to 4254'	10,000 gallons 28% HCL Acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4-5-85		Flowing				Shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-7-85	24	28/64		58	25	15	430
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
0 to 200	325		58	25	15	25.0	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	James P. Kern

35. List of Attachments
List of deviations, C-104, C-103

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	TITLE	DATE
<i>William J. Kern</i>	Engineer	4-16-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 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 _____ 1790'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1940'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____ 2244'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2248'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2351'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2910'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3130'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3373'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 4076 _____ to _____ 4102 _____	No. 4, from _____ to _____
No. 2, from _____ 4152 _____ to _____ 4214 _____	No. 5, from _____ to _____
No. 3, from _____ 4250 _____ to _____ 4284 _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

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.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Surface				
40	1790	1750	Redbeds				
1790	1940	150	Redbeds & Anhydrite				
1940	2248	308	Anhydrite & Salt				
2248	2351	103	Shale & Sandstone				
2351	2910	559	Salt, Anhydrite, Shale & Sand				
2910	3130	220	Shale, Anhydrite, Sand & Dolomite				
3130	3373	243	Anhydrite, Dolomite, Sandstone & Shale				
3373	4307	934	Dolomite, Anhydrite				
4307	4350	43	Lime				

RECEIVED

APR 23 1985

RECEIVED

RECEIVED

APR 18 1985

RECEIVED