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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 ☒ **XXX**  
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Unit Agreement Name <b>East Pearl Queen Unit</b>	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. Farm or Lease Name	
2. Name of Operator <b>Shell Oil Company</b>		9. Well No. <b>59</b>	
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>		10. Field and Pool, or Wildcat <b>Pearl Queen</b>	
4. Location of Well UNIT LETTER <b>H</b> LOCATED <b>2635</b> FEET FROM THE <b>South</b> LINE AND <b>1325</b> FEET FROM		12. County <b>Lea</b>	
THE <b>East</b> LINE OF SEC. <b>27</b> TWP. <b>19-S</b> RGE. <b>35-E</b> NMPM			
15. Date Spudded <b>-19-70</b>	16. Date T.D. Reached <b>1-30-70</b>	17. Date Compl. (Ready to Prod.) <b>3-1-70</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>3722' - DF</b>
20. Total Depth <b>882'</b>	21. Plug Back T.D. <b>4877'</b>	22. If Multiple Compl., How Many <b>-</b>	23. Intervals Drilled By Rotary Tools <b>0-4882'</b> Cable Tools <b>-</b>
24. Producing Interval(s), of this completion - Top, Bottom, Name <b>4701' - 4870' Queen</b>			25. Was Directional Survey Made <b>No</b>
26. Type Electric and Other Logs Run <b>DIL, SNP, GR/S, LL-9, GR/CCL</b>			27. Was Well Cored <b>No</b>
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
<b>8-5/8"</b>	<b>24#</b>	<b>405'</b>	<b>12-1/4</b>
<b>5-1/2"</b>	<b>15.5#</b>	<b>4882'</b>	<b>7-7/8"</b>
CEMENTING RECORD		AMOUNT PULLED	
<b>375 sx. Class C</b>			
<b>660 sx Class C</b>			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET		
<b>2-1/2"</b>	<b>4874'</b>		
31. Perforation Record (Interval, size and number) <b>1-1/2" js/ft @ 4701', 4702', 4703', 4704', 4705', 4706', 4865', 4866', 4867', 4868', 4869', 4870'.</b>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED <b>See Attachment.</b>	
33. PRODUCTION			
Date First Production <b>3-1-70</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping</b>		Well Status (Prod. or Shut-in) <b>Producing</b>
Date of Test <b>3-2-70</b>	Hours Tested <b>24</b>	Choke Size	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <b>91</b> Gas - MCF <b>5</b> Water - Bbl. <b>3</b> Gas - Oil Ratio <b>50</b>
34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Vented</b>			Test Witnessed By <b>M. R. Dillon</b>
35. List of Attachments <b>C-104 deviation record, logs</b>			
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 <b>J.D. Duren</b> J.D. Duren TITLE <b>Staff Operations Engineer</b> DATE <b>3-5-70</b>			

## INSTRUCTIONS

This form is to be filed 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 filed in quintuplicate except on state land, where six copies are required. See Rule 1195.

**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. <del>San</del> <b>Red beds-1757'</b>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
<b>3409'</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. Yates <b>3893'</b>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. 7 Rivers <b>4580'</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Queen _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. Grayburg _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. San Andres _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Glorieta _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Paddock _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Blinebry _____	T. Granite _____	T. Todilto _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Abo _____	T. _____	T. Chinle _____	T. _____
T. Wolfcamp _____	T. _____	T. Permian _____	T. _____
T. Penn. _____	T. _____	T. Penn. "A" _____	T. _____
T. Cisco (Bough C) _____	T. _____		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
	1757'		Red bed.				
	2810'		Anhydrite, salt.				
	4308'		Anhydrite.				
	4537'		Lime, dolomite.				
	4760'		Lime, anhydrite.				
	4882'		Lime.				

Attachment to C-105  
East Pearl Queen Unit Well #59  
Section 27 T-19-S, R-35-E,  
Lea County, New Mexico

Acid, Shot, Fracture, Cement Squeeze, etc.

<u>Depth Interval</u>	<u>Amount &amp; Kind Material Used</u>
4702'-4870'	2000 gal. lease crude containing 1/20#/gal Adomite Mark II. + 1/2#/ gal 10-20 mesh sand.
4702'-4706'	130 bbls. lease crude containing 1/40 #/gal. Adomite Mark II.
4625'-4875'	150 gal.15% NEA
4865'-4869	500 gal.15% NEA
4701'-4706'	500 gal.15% NEA
4701'-4706' 4865'-4870'	27,000 gal.lease crude containing 1/20 lb. per gal. Adomite Mark II. + 20-40 sand. Flushed with 115 bbls. lease crude.

On the 10th day of the month of  
August, 1864, at the place  
above mentioned, I, the undersigned,  
being duly sworn, depose and say

that the within and foregoing is a true and correct copy of the

original of the same as the same is

in my possession.

Subscribed and sworn to before me  
this 10th day of August, 1864.

Notary Public

My commission expires the 10th day of  
August, 1865.

Notary Public

My commission expires the 10th day of

August, 1865.

My commission expires the 10th day of

August, 1865.

My commission expires the 10th day of

August, 1865.

Witness my hand and seal of office this  
10th day of August, 1864, at the place  
above mentioned.

Notary Public

Notary Public