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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 ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL										7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐										8. Farm or Lease Name North Pueblo	
2. Name of Operator Shell Oil Company										9. Well No. 2	
3. Address of Operator P. O. Box 1610, Midland, Texas 79701										10. Field and Pool, or Wildcat Wildcat	
4. Location of Well											
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM										12. County Quay	
THE West LINE OF SEC. 25 TWP. 10-N RGE. 31-E NMPM											
15. Date Spudded 4-5-70		16. Date T.D. Reached 5-11-70		17. Date Compl. (Ready to Prod.) -		18. Elevations (DF, RKB, RT, GR, etc.) 4126' DF		19. Elev. Casinghead -			
20. Total Depth 7867'		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 3-7867'		Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name										25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Gr/Sonic, LL, MLL, Sap										27. Was Well Cored Yes	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE 8 5/8"		WEIGHT LB./FT. 24#		DEPTH SET 1825'		HOLE SIZE 12 1/4"		CEMENTING RECORD 1500 sx.		AMOUNT PULLED	
29. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		30. TUBING RECORD	
										SIZE	
										DEPTH SET	
										PACKER SET	
31. Perforation Record (Interval, size and number) None						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
33. PRODUCTION											
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)			
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.		Gas - MCF	
										Water - Bbl.	
										Gas - Oil Ratio	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.	
										Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)										Test Witnessed By	
35. List of Attachments											
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 <u>J. D. Duren</u> J. D. Duren TITLE <u>Staff Operations Engineer</u> DATE <u>11-4-70</u>											

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 1105.

Northwestern New Mexico

T. Abajo	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Bata	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todilto	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	T. T.	T. Chinle	T. T.
T. Penn.	T. T.	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn. "A"	T. T.

ATTACHMENT TO C-105
North Pueblo #2
Section 25, T-10-N, R-31-E
Quay County, New Mexico

Core #1 6685'-6727'

6685-6686' No Recovery
6686-6687' Sandstone
6687-6722' Shale
6722-6723' Sandstone
6723-6725' Shale
6725-6726' Dolomite
6726-6727' No Recovery

Core #2 7309'-7323'

7309-7312' Shale
7312-7323' No Recovery

Core #3 7329'-7349'

7329-7331.8' Sandstone
7331.8-7336' Shale
7336-7338.6' Coal
7338.6-7344.5' Sandstone
7344.5-7348' Shale
7348-7349' No Recovery

DST #1A7115'-7145' Mis-Run.

DST #1 7107'-7145' Tool open for 15 min. pre-flow. No gas to surface.
SI 60 min. ISIBHP. Re-opened for 2 hr. No gas to surface. SI for 120 min. FSIP. Rec. 350' (5.0) bbls. drilling mud 350' (5.0) bbls. water cut mud, 400' (6.0 bbls) mud cut water. Pit mud - 176,000 PPM, bottom sample - 230,000 PPM sample chamber - 250,000 PPM. IHMP/FHMP = 3971/3790 PSI, IEP/FEF = 473/578 PSI, BHT = 165°.

DST #2 7273'-7326' Tool opened for 15 min. pre-flow. No gas to surface. SI 62 min. Opened tool for 60 min. FF. No gas to surface. FSI 60 min. Total recovery 160' (1.2 bbl) mud. IF/FF = 96/126 PSI, ISIP/FSIP = 2961/2177 PSI, IH/FH=4092/4167 PSI. Max. BHT = 134° F. Pit mud = 170,000 PPM CL⁻, bottom recovery mud chamber sample = 163,000 PPM CL⁻.

