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

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No. 14-20-603-2085	

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name
2. TYPE OF COMPLETION NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Old Trading Post
3. Name of Operator Clinton Oil Company		9. Well No. 3
4. Address of Operator 217 North Water Street Wichita, Kansas 67202		10. Field and Pool, or Wildcat Bisti Lower Gallup

5. Location of Well NE 1/4 Jz LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM East	11. County San Juan
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6. Date T.D. Reached 5-16-72	12. Date T.D. Reached 5-23-72	13. Date Compl. (Ready to Prod.) 7-6-72	14. Elevations (BT, GR, etc.) 6156	15. Elev. Casinghead 6142
16. Date T.D. 5098	17. Plug Back T.D. 5068	18. If Multiple Compl., How Many	19. Tools Entered	20. Casing Tools
21. Fracturing Interval(s) of this completion - (Top, Bottom, Name) 4968-88 Gallup 5026-38 Gallup				22. Was Directional Survey Made No
23. Type Electric and Other Log Run Compensated Density, Induction Elec, Gamma Ray - Neutron				24. Was Well Cased No

25. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
8 5/8	24#	518 KB	12 1/4	300 sks Class "A" w/2% Ca CL
5 1/2	14#	5098 KB	7 7/8	165 sks Class "C" w/.5% CBR2 & 5.2# salt/sack

26. LINER RECORD				27. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	5055

28. Fracturing Record (Interval, size and number) P/5028-38 KB w/2JSPF P/4968-80 KB w/2JSPF	29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5028-38	A/250g 15% BDA. F/27000g lease crude w/15000# 20/40 & 5000# 10/20
	4968-80	A/250g 15% BDA. F/15000g lease crude w/15000# 20/40 & 5000# 10/20

30. PRODUCTION							
Date First Production 7-5-72		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" Rod Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 7-6-72	Hours Tested 24	Choke Size --	Prod'n. For Test Period	Oil - Bbl. 10	Gas - MCF TSTM	Water - Bbl. 0	Gas - Oil Ratio --
Flow Testing Press. --	Casing Pressure 10#	Calculated 24-Hour Rate	Oil - Bbl. 10	Gas - MCF TSTM	Water - Bbl. 0	Oil Gravity - API (Corr.) 35	

31. Disposition of Gas (Sold, used for fuel, vented, etc.) Used for fuel.	32. Test Witnessed By Perry W. Cates Company Foreman
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33. List of Attachments Geologists sample log attached. Logs furnished Commission by Dresser Atlas on 6-8-72.

34. 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>M.A. Head</u>	TITLE <u>Dist Engr</u>	DATE <u>7-12-72</u>

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 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" _____
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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1253	1253	San Jose Group				
1253	1600	347	Pictured Cliffs				
1600	2030	430	Chacra				
2030	2656	626	Cliff House				
2656	3760	1104	Menefee				
3760	3910	150	Point Lookout				
3910	4543	633	Upper Mancos				
4543	4802	249	Upper Gallup				
4802	4968	166	Lower Gallup				
4968	TD	131	Marye Facies				
No DST's or other tests run.							

The following is a sample description of well cuttings from 600' to T.D.:

SAMPLE DESCRIPTION:

- 600' - 690' 80% shale, lt green to dk green & gry, v/slty thu-out, sli calc, firm, 10% lt gry-lt green slt stn, firm, sndy thu-out, & 10% SS, lt tan, fn-med gr, sli calc, firm, slty in pt, "chalky".
- 690' - 750' Section as above w/90% lt green slty shale & 10% lt green sndy slt stn, w/tr/SS as above.
- 750' - 840' Section as above w/80% lt green SH, 10% lt green & tan sndy slt stn, & 10% lt tan sandstone.
- 840' - 880' 90% SS (Lith change) lt gry, fn-med gr, fri, micaceous, slty in pt, firm, w/dk mafic minerals, 10% SH & tr/slt as above. Note: 42 unit kick on hot wire - no sho in samples no coal or carbonaceous mtl in sample.
- 880' - 910' 50% SS as above, lt gry, fn-med gr, micaceous firm, w/dk mafic min, clean. No Sho. 24 unit kick on hot wire. 40% lt green & lt gry micaceous shale, & 10% lt gry sndy slt stn. Tr/pyritic coal w/abnt lignitic mtl.
- 910' - 940' Section as above w/50% SH, 20% SS & 30% Slt Stn, w/10% dk gry-black lignitic shale.
- 940' - 1030' 60% Shale, 10% SS, 10% Slt Stn, & 20% Shale.
- 1030' - 1090' 40% SH, 20% SS & 30% lt gry sndy slt stn, & 10% dk gry carbonaceous SH.
- 1090' - 1180' Section as above w/50% lt green & lt gry slty Shale. 30% lt gry sandy slt stn & 10% lt tan fn-med gr SS w/dk mafic min in mtx & carb mtl in bedding planes, 10% carbonaceous Shale & tr/pyritic coal.
Note: 66 unit kick @ 1100' - No Sho in samples.
- 1180' - 1210' T/Picture Cliff - 225 unit kick on hot wire accompanied by 50% SS w/bri white (condensate) flu, w/immediate & excellent cut, lt tan-lt gry, fn-med gr, P-cons, micaceous, S&P, sli calc, 40% lt green & lt gry slty micaceous Shale, & 10% lt tan sandy Slt Stn. Tr/coal & carbonaceous mtl.

SAMPLE DESCRIPTION: (Cont'd.)

- 1210' - 1270' 50% lt grn & brn sli calce & slty shale, 30% lt tan-lt gry sndy slt stn & 10% SS as above. 10% coal & v/carbonaceous mtl.
- 1270' - 1330' Section as above w/20% coal & lignitic mtl, 10% SS, 40% Shale & 30% slt stn.
Note: 525 unit kick @ 1325'. No sho in samples. Now carry 230 unit background.
- 1330' - 1540' 40% SS, lt gry-lt tan, med gr, sli calc, S&P, micaceous, No Sho. 40% lt gry & grn SH & 10% coal & carbonaceous mtl, 10% lt gry slt stn, as above. Background has decreased to 30 units.
- 1540' - 1670' Section as above w/10% SS, 50% Shale, & 40% slt stn, w/tr/coal & lignitic mtl. Gas background is holding at 30 units.
- 1670' - 1740' 50% SS, lt gry, fn gr, sli calc, fri, clean, micaceous in pt. No Sho - No gas kick, 30% lt gry sndy slt stn, & 20% gry & lt green Shale, w/abnt lignitic mtl.
- 1740' - 1800' 20% coal, blk, brittle, 50% gry slty Shale, 20% gry sndy slt stn & 10% SS as above.
- 1800' - 1860' Section as above w/10% coal, 50% Shale, 10% sndy slt stn, & 20% lt gry, fn gr, fri SS. Abnt lignitic mtl.
- 1860' - 2040' Section as above w/30% coal & lignitic and carbonaceous mtl, 20% SS, 40% Shale & 10% gry sndy slt stn.
- 2040' - 2190' T/Cliff House 2045' (Ø time & samples) 30% SS lt tan, fn gr, fri, sli calc, P-cons, No Sho in samples or hot wire, 50% lt grn & brn slty in pt, 10% coal & lignitic mtl & 10% slt stn.
- 2190' - 2280' 90% Shale, lt grn-lt tan, slty in pt, 10% lt gry slt, w/tr/SS as above. Samples do not appear to be representative.
- 2280' - 2370' Section as above w/10% blk brittle coal w/abnt carb mtl, 80% SH & 10% slt, tr/SS, as above.
- 2370' - 2460' 40% blk brittle coal, 40% shale & 20% slt stn, tr/SS.

SAMPLE DESCRIPTION: (Cont'd.)

- 2460' - 2540' 60% blk brittle coal, 30% shale & 10% slt stn, tr/SS.
- 2540' - 2630' Section as above w/30% blk brittle coal, 60% lt green-lt gry Shale, 10% slt stn & tr/SS as above.
- 2630' - 2690' 80% Shale, gry-lt gry, slty in pt, micaceous, sli calc, 10% blk brittle coal, 10% lt gry sndy slt stn, w/tr/lt gry fn gr, sli calc, sandstone.
- 2690' - 2710' 30% coal, black brittle, 20% lt gry sndy slt stn & 50% shale as above, w/tr SS.
- 2710' - 2720' Section as above w/30% lt gry to lt tan chalky silt stone, sndy in pt, 60% shale & 10% coal, tr/SS.
- 2720' - 2740' 10% lt gry fn gr SS, P-cons, slty thu-out, fri, 30% slt stn, 60% shale & tr/coal as above. Tr/Pyrite xls scatt thu-out mtx.
- 2740' - 2760' 20% lt gry slty SS, 70% shale & 10% slt stn w/tr/coal. Some SS is "Banded" w/dk brn carbonaceous mtl.
- 2760' - 2800' Section as above w/80% SH, 10% SS & 10% slt stn & tr/coal. Sand is v/chalky & slty. Tr/lt green v/micaceous bentonite.
- 2800' - 2830' 30% lt gry v/slty thu-out, fn gr, P-cons, w/dk mafic minerals, 60% gry bentonitic shale, slty in pt & 10% lt gry slt stn. Tr/coal.
- 2830' - 2850' 80% Shale, 10% SS & 10% slt stn. Tr/coal & carbonaceous mtl.
- 2850' - 2860' 20% SS, lt gry, fn gr, firm, S&P, micaceous, 20% lt gry sndy slt stn, & 60% gry-dk gry slty micaceous shale.
- 2860' - 2890' 40% SS, 20% Slt & 40% Shale, as above.
- 2890' - 2900' 70% SH, 20% Slt & 10% SS, section as above. Abnt carbonaceous mtl & tr/coal.
- 2900' - 2950' Section as above w/20% SS, 20% Slt & 60% Shale. SS bcm lt brn, med gr, firm, clean, tr/coal & abnt dk carb mtl. Occ cse gr qtz xl scatt thu-out mtx.

SAMPLE DESCRIPTION: (Cont'd.)

- 2950' - 2970' Section as above w/70% Shale, 20% SS & 10% slt stn, coal is inc.
- 2970' - 2990' 30% SS, lt gry-tan, Arkosic? Med gr, firm, sli calc, micaceous, 60% lt gry & green SH, & 10% Slt Stn. Tr/coal.
- 2990' - 3000' 80% Shale, 10% SS & 10% Shale, abnt carbonaceous mtl.
- 3000' - 3010' 40% SS, lt gry, fn gr, P-cons, micaceous, slty thu-out, 40% Shale & 20% slt stn.
- 3010' - 3030' 70% Shale, 20% SS & 10% slt stn. Tr/coal & abnt carb. mtl.
- 3030' - 3050' Section as above w/30% lt gry, sndy, micaceous, chalky, slt stn, 20% lt gry fn gr SS & 50% Shale. Tr/coal.
- 3050' - 3090' 80% SH, 10% SS & 10% Slt Stn, as above.
- 3090' - 3140' 20% SS, 20% Slt Stn & 60% Shale. Tr/coal & abnt carb mtl.
- 3140' - 3180' 40% SS, lt gry, fn gr, firm, sli calc, sli chalky, micaceous, w/dk mafic min & glauconite? 20% lt gry, sndy Slt Stn & 40% gry & green SH as above.
- 3180' - 3200' Section as above w/20% SS, 10% Slt Stn & 70% Shale, Tr/coal.
- 3200' - 3250' Section as above w/10% blk brittle coal, 10% lt gry, fn gr SS & 70% lt green & gry bentonitic Shale, 10% lt gry sndy slt stn.
- 3250' - 3260' 20% Blk, brittle coal, 60% SH, 10% SS & 10% Slt Stn.
- 3260' - 3270' 20% lt gry, sndy slt stn, 10% lt gry, fn gr, SS, 10% coal & 60% Shale.
- 3270' - 3290' 80% Shale, 10% SS & 10% Slt w/tr/coal.
- 3290' - 3310' 30% SS, lt gry, fn gr, fir, micaceous, w/dk mafic min. This sand corresponds w/a 56 unit deflection on the hot wire - No Sho in samples. 60% SH & 10% lt gry slt as above, tr/coal.

SAMPLE DESCRIPTION: (Cont'd.)

3310' - 3320'	80% Shale, 10% SS & 10% Slt.
3320' - 3340'	30% SS, lt gry, fn gr, fri, as above. 10% lt gry sndy slt stn, & 60% Shale as above.
3340' - 3350'	Section as above w/40% SS, 50% Shale & 10% Slt.
3350' - 3380'	Section as above w/20% SS, 10% Slt & 70% Shale.
3380' - 3400'	30% SS, 60% SH & 10% Slt Stn.
3400' - 3470'	40% SS, lt gry, fn-med gr well sorted, sub-rnd sli calc, fri, "chalky", 50% dk gry bentonitic Shale some lt green, & 10% slt stn. Tr/coal & carb mtl. <u>Note:</u> 56 Units @ 3402'-3410', Background 20 Units.
3470' - 3520'	30% SS, 60% SH & 10% Slt Stn, tr/coal & carb mtl. Section as above.
3520' - 3570'	20% SS, 70% SH & 10% Slt Stn, tr/coal.
3570' - 3580'	90% SH, lt grn & dk gry w/some brn, slty in pt, micaceous, 10% slt stn & tr/SS as above.
3580' - 3640'	Section as above w/20% lt gry, fn-med gr SS as above, 70% SH & 10% slt stn.
3640' - 3670'	Section as above w/10% SS, 80% SH & 10% slt stn, tr/coal.
3670' - 3700'	Section as above w/20% SS, 70% SH & 10% slt. Abnt carb mtl. No Sho.
3700' - 3710'	10% SS, lt gry-tan, fn gr, P-cons, micaceous, 10% lt gry sndy slt stn, & 80% lt grn & gry bentonitic shale. Tr/coal.
3710' -- 3720'	Section as above w/10% blk brittle coal, 10% SS, 10% slt & 70% Shale.
3720' - 3740'	60% Coal, 30% SH, 10% Slt & Tr/ss.
3740' - 3750'	40% Coal, 50% SH, 10% Slt Stn & tr/SS as above. Abnt carb mtl.

SAMPLE DESCRIPTION: (Cont'd.)

- 3750' - 3760' 20% Coal, 70% SH, 10% Slt, & tr/SS. Abnt carb mtl.
- 3760' - 3800' 10% SS, lt gry, fn-med gr, firm, calc, micaceous, 10% lt gry micaceous & sndy Slt Stn, 10% Coal & 70% Shale. Abnt carb mtl. No Sho, tr/chalk white bentonite.
Note: 62 units @ 3760'-70')
58 units @ 3790'-3800') 45 Unit Background
60 units @ 3800'-30')
Abnt. anthracite coal in this section.
- 3800' - 3830' 60% Coal, blk, brittle, conchoidal fracture, 10% SS, lt gry, fri, fn gr, 10% slt stn & 20% Shale.
- 3830' - 3890' 40% Coal, 50% Shale, 10% Slt Stn & tr/SS as above, abnt carb mtl.
- 3890' - 3940' Section as above w/10% coal, 80% SH, 10% Slt & tr/SS.
- 3940' - 4070' Section as above w/90% SH, dk gry (predom) bentonitic. Upper Mancos Lithology, 10% Slt Stn, lt gry, sndy in pt, w/tr/SS as above & brn calc cse gr sd clusters.
- 4070' - 4130' 100% Shale, dk gry, firm, slty in pt, bentonitic. Tr/coal, slt, & SS as above.
- 4130' - 4260' Section as above w/10% fn gr, slty sandstone, lt gry, P-cons, 90% dk gry Shale, tr/coal, tr/pyrite scatt thru-out mtx.
- 4260' - 4360' 80% dk gry Shale, 20% lt gry sndy Slt Stn. Tr/SS & coal as above.
- 4360' - 4420' Section as above w/10% lt gry fn gr SS, fri, slty in pt, 10% lt gry sndy slt stn & 80% gry Shale, slty in pt. Tr/coal.
- 4420' - 4620' Section as above w/90% SH, gry & green bentonitic, micaceous, slty in pt. 10% lt gry sndy slt stn, tr/SS & coal as above. One piece of pyrite scatt in mtx.
- 4620' - 4710' Section as above w/10% lt gry, fn gr, firm SS, 10% lt gry, firm, sndy slt stn & 80% dk gry SH, bcm slty in pt.

SAMPLE DESCRIPTION: (Cont'd.)

- 4710' - 4780' Section as above w/20% Slt Stn, 10% SS & 70% SH as above. Section bcm slty.
- 4780' - 4830' 40% lt gry sndy Slt Stn, fri, "chalky", 20% lt gry fn gr SS, slty in pt & 40% SH as above. Tr/pyrite & coal.
Note: 46 units @ 4830'.
- 4830' - 4890' Section as above w/30% slt, 10% SS & 60% Shale.
Note: 62 units @ 4870'.
- 4890' - 4930' Section as above w/20% SS, lt gry, fn gr, fri, clean, micaceous, sli calc, w/dk mafic min, 20% lt gry sndy slt stn, & 60% gry micaceous Shale, tr/coal. No Sho.
- 4930' - 4950' Section as above w/20% SS, 30% Slt Stn & 50% Shale, tr/arragonite.
- 4950' - 4990' Section bcm v/slty, 50% slt stn, 20% SS & 30% SH as above. No Sho.
- 4990' - 5040' Section as above w/50% SH, 20% SS & 30% Slt Stn.
Note: 520 unit deflection @ 5000'-5010'. background is 180-200 units. No Sho in samples.
- 5040' - 5130' 30% lt gry-beach white micaceous bentonitie, 30% Slt Stn, 10% SS & 30% Shale. No Sho.
Note: 480 unit deflection @ 5040'-5060'. 180 unit background. No Sho in Samples.