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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 <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
None	

1a. TYPE OF WELL	
OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>
DRY <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
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 <input type="checkbox"/>
2. Name of Operator	
HILLIARD OIL & GAS, INC.	
3. Address of Operator	
1190 Midland National Bank Tower, Midland, Texas 79701	
4. Location of Well	
UNIT LETTER <u>E</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM	
THE <u>West</u> LINE OF SEC. <u>21</u> TWP. <u>9-S</u> RGE. <u>35-E</u> NMPM	

7. Unit Agreement Name
None
8. Farm or Lease Name
GLENN
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat
12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
July 9, 1978	August 26, 1978	P&A Sept. 29, 1978	4158' GR 4173' RKB	4158'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
12,740'	-	P&A	0-12,740'	--
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
None				No

26. Type Electric and Other Logs Run	27. Was Well Cored
Welex FORXO-Guard & Compensated Gamma-Acoustic Velocity Logs	No

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" O.D.	54.5 & 48	403'	17 1/2"	425 sxs. of Class "C"	None
8-5/8" O.D.	32 & 24	4073'	11"	1375 sxs. of HALCO Light followed by 300 sxs. Class "C"	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None		

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None	

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							
One copy each of electric and sonic logs and summary of drill stem testing.							
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
John A. Weideman	Drilling Engineer	Oct. 18, 1978
JOHN A. WEIDEMAN		

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 <u>2200</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11210</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2752</u>	T. Miss <u>11838</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>12638</u>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3995</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>5448</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6880</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7710</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9731</u>	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	2200		Sd., Shale & Redbed	11,580	11,850		Sand, Limestone & Shale
2200	2752		Anhy & Salt	11,850	12,020		Limestone & Shale
2752	2850		Sd., & Anhy	12,020	12,490		Limestone & Chert
2850	3995		Dolo, Shale, Anhy	12,490	12,633		Sand & Shale
3995	4700		Dolo & Anhy	12,633	12,710		Dolo
4700	4900		Dolo	12,710	12,740		Dolo & Chert
4900	5350		Limestone				
5350	5448		Anhy & Dolo				
5448	5540		Sand & Anhy				
5540	6880		Dolo, Shale, Salt & Anhy				
6880	7020		Sand, Shale & Anhy				
7020	7710		Dolo, Shale & Anhy				
7710	7750		Shale				
7750	8950		Dolo & Shale				
8950	9000		Dolo & Limestone				
9000	9400		Limestone				
9400	9850		Limestone & Shale				
9850	10650		Limestone				
10650	11210		Limestone & Shale				
11210	11580		Shale & Limestone				

HILLIARD OIL & GAS, INC.

GLENN NO. 1

UNIT E, SECTION 21-9-35

LEA COUNTY, NEW MEXICO

SUMMARY OF DRILL STEM TESTING

DST #1 4760 - 4790' (30') San Andres formation - no wtr cushion.
HALCO Services tools.

30' IF, 90' ISI, 60' FF, 180' FSI

Initial weak blow decreasing to zero in 20 min. Very weak blow during final flow. Rec 30' wtr w/tr of oil & 90' of wtr (CL 26,000 PPM). Sample chamber rec of 400 cc oil & 1500 cc oil cut wtr (CL 14,000 PPM). Pit sample CL 1,150 PPM

IHP	2092#	FFP	68-91#
IFP	68#	FSIP	172#
ISIP	159#	FHP	2092#
		BHT	92°F

DST #2, 4820-80' (60'), no wtr cushion. 30' IF, 90' ISI, 60' FF, 180' FSI. Rec 450' SOCDM, no gas, no oil, 1525 cc salty drlg fluid (20 350 PPM - Cl, pit sample 1150 PPM Cl).

IHP - 2188#	FFP - 216-262#
IFP - 170-182#	FSIP - 800#
ISIP - 627#	FHP - 800#
	BHT - 105° F

DST #3, 9715-70' (55'), no wtr cushion. 30' IF, 90' ISI, 60' FF, 180' FSI. Tool opened w/very weak blow thru IF. Tool re-opened w/no blow - thru FF. Rec 80' DM, no oil, no gas, no wtr. Sample chamber - no recovery (malfunction).

IHP	4973#	FFP	110-110#
IFP	133-110#	FSIP	288#
ISIP	288#	BHT	133°F

DST #4, 12,655-12,690' (35'). 2786' water cushion. 20 IF, 90' ISI, 120' FF, 180' FSI. Tool opened w/weak blow increasing to fair blow during IF. Tool re-opened w/fair blow increasing to strong blow in 10 min & holding strong through FF. No gas to surf. Reversed out 2786' wtr cushion plus 500' free oil (47° API @ 60° F) & 1000' black salty sulphur wtr (32,000 PPM Cl, res 0.112 Ohm @ 74° F). Sample chamber - 90#, no gas, 900 cc oil (47.5° API @ 60° F) & 1350 cc salty sulphur wtr (34,000 PPM Cl, Res 0.114 Ohm @ 74° F).

IHP	6752#	FFP	1263-1830#
IFP	1095-1218#	FSIP	4950# (stable)
ISIP	4950# (stable)	FHP	6622#
		BHT	190° F

DST #5 (12,652-12,674') (22') Straddle test of Devonian formation. Used 2780' fresh water blanket.

30' IF, 90' ISI, 360' FF, 180' FSI

Weak blow during initial flow. Weak blow upon tool reopening gradually increasing to strong blow in 130' & then continuing strong through remainder of flow period. Rec. 3980' of fluid in drl string. Reversed out 2780' wtr blanket & an estimated 600' of free oil & 600' of black, salty sulphur wtr. Sample chamber press of 35# & rec of 200 cc oil (47.5° API @ 60° F) & 1800 cc salty sulphur wtr (34,500 PPM CL, Res 0.120 OHMS @ 80° F). Pit sample 70,000 PPM CL.

IHP	6620#	FFP	1328-1781#
IFP	1283-1328#	FSIP	4955# (stable)
ISIP	5000# (stable)	FHP	6620#
	BHT		172° F