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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-76

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

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

2. Name of Operator

Doyle Hartman

7. Unit Agreement Name

3. Address of Operator

508 C & K Petroleum Building; Midland, Texas 79701

8. Farm or Lease Name

Cities - Laughlin

4. Location of Well

9. Well No.

10. Field and Pool, or Wildcat

Eunice-Monument

UNIT LETTER J LOCATED 2310 FEET FROM THE South LINE AND 2310 FEET FROM



THE East LINE OF SEC. 5 TWP. 20-S RGE. 37-E NMPM

12. County

Lea

15. Date Spudded 11-1-77 16. Date T.D. Reached 11-9-77 17. Date Compl. (Ready to Prod.) 11-29-77 18. Elevations (DF, RKB, RT, GR, etc.) 3562 G. L. 19. Elev. Casinghead 3562

20. Total Depth 3842 21. Plug Back T.D. 3738 22. If Multiple Compl., How Many ---- 23. Intervals Drilled By Rotary Tools 0-3842 Cable Tools ----

24. Producing Interval(s), of this completion - Top, Bottom, Name 3594-3648 w/17 (Grayburg) 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run CDL-Neutron-GR, Forxo-Guard, GRN-CCL 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	28	510	12 1/4	325 SX	None
5 1/2	15.5	3750	7 7/8	1075 SX	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3578	None

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
One shot each at: 3594, 3602, 3605, 3610, 3613, 3616, 3619, 3622, 3626, 3629, 3632, 3635, 3638, 3641, 3644, 3646, 3648		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		3594-3648	A/4000 gal 15% MCA

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-21-77		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-28-77	24	12/64		----	309	----	Dry Gas
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
370	380		----	309	----	----	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By J. Gray

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 Doyle Hartman TITLE Operator-Part Owner DATE 11-29-77

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 new drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity 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>1085</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1190</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2295</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2433</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2688</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3106</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3475</u>	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. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>3270</u> to <u>3842</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	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 <u>340</u> to <u>510</u> feet.	<u>Santa Rosa</u>
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
340	510	170	Santa Rosa				
510	1085	575	Dewey Red Beds				
1085	1190	105	Rustler				
1190	2295	1105	Salado Salt				
2295	2433	138	Tansil				
2433	2688	255	Yates				
2688	3106	418	Seven Rivers				
3106	3270	164	Queen				
3270	3475	205	Penrose				
3475	TD	367	Grayburg				

RECEIVED
2077
OIL CONSERVATION COMM.
EDDYS, N. M.

WELL NAME AND NUMBER Cities Laughlin #1

2310' FSL & 2310' FEL (J)

Lea County, New Mexico

(Give Unit, Section, Township and Range)

OPERATOR Doyle Hartman

DRILLING CONTRACTOR Capitan Drilling Company, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

Degrees @ Depth

Degrees @ Depth

1/4 @ 475

1/2 @ 925

1/2 @ 1528

1/2 @ 2010

3/4 @ 2290

1 @ 2810

1 @ 3119

Drilling Contractor Capitan Drilling Company, Inc.

By: W. N. Rees, Jr. Vice President

Subscribed and sworn to before me this 19 th day of December, 19 77

Brenda Stone
Notary Public

Brenda Stone
Ector County Texas

My Commission Expires: March 14, 1979