Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		✓
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [ ] Fee [X]
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER AUG 04 1981

b. TYPE OF COMPLETION
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

2. Name of Operator
The Eastland Oil Company ✓

8. Farm or Lease Name
Harroun "A"

3. Address of Operator
P. O. Drawer 3488, Midland, Texas 79702

9. Well No.
3

10. Field and Pool, or Wildcat
Herradura Bend (Delaware)

4. Location of Well
UNIT LETTER **J** LOCATED **2310** FEET FROM THE **South** LINE AND **1650** FEET FROM THE **East** LINE OF SEC. **29** TWP. **22S** RGE. **28E** NMPM

12. County
Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
6-17-81	7-8-81	8-1-81	3041' GR, 3050' DF	3040'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4020'	2610'	No	——→	70'-4020'	0-70'

24. Producing Interval(s), of this completion — Top, Bottom, Name
2504 - 2514' Delaware Sand

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Dual Laterolog, Compensated Neutron-Formation Density, GR

27. Was Well Cored?
Yes (sidewall cores)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5	397'	15"	350sx Class C-2% $CaCl_2$	None-circ.
4 1/2"	9.5	2605'	7 7/8"	600 sx Howco Lite w/ 5# salt & 250 sx Class C-Poz	None-Circ.

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
	None			

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2" EUE	2509'	None

31. Perforation Record (Interval, size and number)
11 shots (one per foot) from 2504-2514 w/ 0.42" jet

Set cement plug from 4020'-3920' w/ 40 sacks. Plug from 2700'-2610' w/ 60 sacks.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2504-2514	250 gals. 15%HCL
2504-2514	2500 gals. gelled lease oil and 3250# 20-40 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
8-4-81	Pumping 10-42"SPM	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period ——→	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
8-4-81	24	1 1/2"		32	4	3	125

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate ——→	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
---	25 psi		32		3	39.8

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Travis Reed

35. List of Attachments
Logs (DLL, CN, FD, GR)

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 George D. Neal TITLE **George D. Neal Vice President-Production** DATE **8-5-81**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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	900	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1420	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2180	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	2484	T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T. Indian Draw	3323	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 2504 to 2514 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 None recorded to ..... feet. .....

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
Surface	200	200	Gravel, rock, shale	2850	2900	50	Shale
200	370	170	Gyp., shale	2900	3330	430	Sand, shale, lime
370	900	530	Salt & Gyp.	3330	3450	120	Sand
900	1420	520	Anhydrite	3450	3630	180	Sand & lime
1420	1700	280	Salt	3630	3680	50	Shale & sand
1700	1810	110	Anhydrite	3680	3730	50	Dolomite & sand
1810	2180	370	Salt	3730	4020	290	Lime, sand, shale
2180	2420	240	Anhydrite				
2420	2480	60	Lime & Black Shale				
2480	2600	120	Sand				
2600	2850	250	Sand & lime				

Sidewall cores by Schlumberger @ 3658'; 3647'; 3636', 3632'; 3627'; 3405'; 3354'; 3347'; 3340'; 3334'; 3110'; 2566'; 2509'; 2507'; 2505'; (15 shots)

RECEIVED

AUG 2 0 1981

O. C. D.
ARTESIA, OFFICE

THE EASTLAND OIL COMPANY

HARROUN "A" WELL NO. 3

Herradura Bend (Delaware)

Unit Letter J, 2310 feet FSL and 1650 feet FEL

Section 29, T-22-S, R-28-E

Eddy County

RECORD OF DEVIATION TESTS

Depth	Deviation
400'	3/4°
714'	3/4°
1500'	1 1/4°
1711'	1 1/4°
2013'	2 1/2°
2210'	2 3/4°
2363'	2°
2773'	1 1/4°
3270'	3/4°
3681'	3/4°
4020'	3/4°

I certify that I have personal knowledge of the deviation data and facts presented above and that such data are true, correct, and complete to the best of my knowledge.

THE EASTLAND OIL COMPANY

By George D. Neal
George D. Neal, Vice President

State of Texas
County of Midland

Subscribed and sworn to before me this 19th day of August 1981.

My commission expires: 7/31/84

Willie F. Crockett
Notary Public
Midland County, Texas