

SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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.

RECEIVED

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

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

MAY 3 1977

7. Unit Agreement Name
-

8. Farm or Lease Name
Arnquist Estate

2. Name of Operator
Marathon Oil Company

9. Well No.
4

3. Address of Operator
P. O. Box 2409, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat
Artesia

4. Location of Well
UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE AND 430 FEET FROM
THE East LINE OF SEC. 29 TWP. 18S RGE. 26E

12. County
Eddy

15. Date Spudded 2-26-77 16. Date T.D. Reached 3-11-77 17. Date Compl. (Ready to Prod.) 4-2-77 18. Elevations (DF, RKB, RT, GR, etc.) GR 3427' 19. Elev. Casinghead 3427'

20. Total Depth 2825' 21. Plug Back T.D. 2777' 22. If Multiple Compl., How Many Many 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
Yeso 2355-2635'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Dual Laterolog, Gamma Ray-Caliper, FDC-CNL.

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
13 3/8"	48#	299'	17 1/2"	360 sxs Class C	
9 5/8"	32.3#	1168'	12 1/4"	400 sxs HOWCO Lite, 300 sxs Class C	
7"	23#	2825'	8 3/4"	700 sxs 50/50 Class C Pozmix A	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	2425'	-

31. Perforation Record (Interval, size and number)
2355, 72, 73, 80, 2403, 19, 21, 23, 32, 51, 53, 63, 67, 71, 73, 85, 2501, 75, 77, 79, 89, 91, 2614, 15, 19, 20, 21, 22, 31, 33, 35
31 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2355-2501'	3250 gal 15% acid
	30,000 gal 2% KCL, 12,000#
	100 & 54,000# 20/40

33. PRODUCTION
Date First Production 4-8-77 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping Well Status (*Prod. or Shut-in*) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-25-77	24	-	<u>→</u>	17	60	165	3529

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-	65 psi	<u>→</u>	17	60	165	37.9

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Vented Test Witnessed By Ralph Skinner

35. List of Attachments
Dual Laterolog, Gamma Ray-Caliper, FDC, CNL

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 Anthony Kovacevic TITLE Petroleum Engineer DATE April 29, 1977

