

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved. *clsf*
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-01119	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Exxon Corp.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, Texas 79702		8. FARM OR LEASE NAME Yates "C" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1305' FNL & 1305' FEL, Sec. 31, (C NE/4), Ut A At top prod. interval reported below At total depth		9. WELL NO. 36	
14. PERMIT NO. 30-015-26370		10. FIELD AND POOL, OR WILDCAT Avalon Delaware	
DATE ISSUED 5-22-90		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T20S, R28E	
15. DATE SPUDDED 8-21-90		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 9-14-90		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 4-5-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3232 GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5000'	
21. PLUG, BACK T.D., MD & TVD 2980'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY all		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2546' - 2810' Upper Cherry Canyon	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN XHR/GR, LDT/CNL/NGT/DLL/MSFL NGT/EPT, phasor induction/SP/GR, GR CCL	
27. WAS WELL CORRED Yes		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
Depth Set (MD)		Hole Size	
Cementing Record		Amount Pulled	
13-3/8		48	
613		17-1/2"	
750 sks - C		1160 sks - C	
8-5/8		24, 32	
2419		11"	
1000 sks - C		5-1/2	
14, 15.5		4822	
7-7/8"			
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement*	
Screen (MD)		Size	
Depth Set (MD)		Packer Set (MD)	
2-7/8		2492	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4708-4736 4" w/29		Depth Interval (MD)	
3406-3624 4" w/179		Amount and Kind of Material Used	
3038-3189 4" w/102		4708-4736 frac 15200 gal + 36000# 16/30 sd	
2546-2810 4" w/124 (see item 35)		4690 CIBP w/30' cmt	
		3406-3624 ac 4600 frac 49800 gal + 81000# 20/40&12	
		3360 RBP w/30' sd	
33.* PRODUCTION 3038-3189 frac 49800 gal + 70000# 12/20 sd		DATE FIRST PRODUCTION	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
3-7-91 Pump 2-1/2" x 2" x 24'		ac 28	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
4-4-91		24	
200		203	
200		1017	
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		41.5 C 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
Sold to Phillips 66 Natural Gas Co.		ACCEPTED FOR RECORD	
35. LIST OF ATTACHMENTS CIBP @ 2980		SJS	
2546-2810 ac 6720 gal & frac 55600 gal + 105000# 12/20 sd.		1991	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		DATE	
SIGNED Alex M. Correa		6-5-91	
TITLE Administrative Specialist		CARLSBAD, NEW MEXICO	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP '	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	2468 2528 2621 2713 2773 3028 3088 3150 3211 3402 3462 3523 3584	2528 2621 2713 2773 2833 3088 3150 3211 3272 3462 3523 3584 3644	Core #1 Rec 60' Core #2 Rec 93' Core #3 Rec 92' Core #4 Rec 60' Core #5 Rec 60' Core #6 Rec 60' Core #7 Rec 61' Core #8 Rec 61' Core #9 Rec 59' Core #10 Rec 60' Core #11 Rec 62' Core #12 Rec 61' Core #13 Rec 61'	Yates Capitan Goat Seep Cherry Canyon Brushy Canyon Bone Spring	468' 700' 1398' 2486' 3418' 4880'	

EXXON COMPANY, U.S.A.

POST OFFICE BOX 230 • MIDLAND, TEXAS 79702-0230

September 27, 1990

SOUTHWESTERN DIVISION
MIDLAND DRILLING ORGANIZATION

CHARLES E. CHADWICK
MANAGER

D. R. BURCHARD - Operations Superintendent
J. J. COSSAMAN - Operations Superintendent
J. M. MURPHY - Engineering Manager

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON THE
YATES "C" FEDERAL #36:

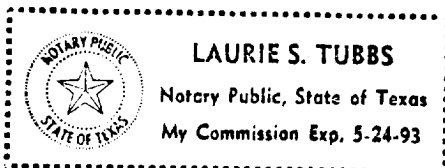
DEPTH	ANGLE
447	0.25
620	1.25
1,097	1.00
1,597	1.25
1,983	1.50
2,430	1.75
3,028	2.00
3,402	2.00
3,883	1.75
4,475	1.25
4,970	1.00

SEPT 28 90

NGPA Permit

BY: L. M. Carroll

SWORN TO and subscribed before me this 27th day of September, 1990.



Laurie S. Tubbs
Notary Public
Midland, Texas

My commission expires: 5-24-93.