Form 3160-4
(November 1983)
(formerly 9-330)

NM OIL C[illegible] COMMISSION
Drawer D[illegible]
SUBMIT IN DUPLICATE Artesia, NM 88210

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

RECEIVED
OCT 28 10 44 AM '94
CARLSBAD, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.: NM 23414
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other
b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other RECOMPLETION

7. UNIT AGREEMENT NAME: South Empire Deep
8. FARM OR LEASE NAME: Empire South Deep Unit
9. WELL NO.: 2
10. FIELD AND POOL, OR WILDCAT: Empire, South (Wolfcamp)
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 6, T-18-S, R-29-E

2. NAME OF OPERATOR: Amoco Production Company (713) 366-7213
3. ADDRESS OF OPERATOR: P.O. Box 3092 Houston, TX 77253 Rm. 18.110
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1900 FWL X 1980 FSL - UNIT-K-
At top prod. interval reported below
At total depth

14. PERMIT NO. | DATE ISSUED
12. COUNTY OR PARISH: Eddy | 13. STATE: NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
			KB: 3652 GR: 3638	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10992	10850		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 8760'-8786'
25. WAS DIRECTIONAL SURVEY MADE:
26. TYPE ELECTRIC AND OTHER LOGS RUN:
27. WAS WELL CORED:

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4"	35	318	17 1/2"	300 SXS. - Circ 23 SXS	NONE
8 5/8"	24-32	4500	11"	350 SXS. TAG CMT @ 2410'	NONE
4 1/2"	11-6	10992	7 7/8"	1ST: 150 SXS	NONE
				2ND: 650 T/@ 8580	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8849'	8678'

31. PERFORATION RECORD (Interval, size and number)
8760'- 8786'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8760-8786'	2168 GAL 15% HCL W/ ADDITIVES
8760'-8776'	1101 GAL 15% HCL W/ ADDITIVES

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing 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

1994

35. LIST OF ATTACHMENTS
WELL SHUT-IN FOR EVALUATION

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED H. J. Black (H.J. Black) TITLE STAFF BUSINESS ANALYST DATE 10-24-94

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the