

NMOCC COPY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-058580

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Amoco Production Company						7. UNIT AGREEMENT NAME Empire South Deep Unit	
3. ADDRESS OF OPERATOR P. O. Drawer A, Levelland, Texas 79336						8. FARM OR LEASE NAME Empire South Deep Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FNL X 2010' FEL (Unit G, Sec 5, SW/4 NE/4) At top prod. interval reported below At total depth						9. WELL NO. 14	
11. PERMIT NO.						12. COUNTY OR PARISH Eddy	
DATE ISSUED						13. STATE NM	
15. DATE SPUNDED 4-8-77		16. DATE T.D. REACHED 5-28-77		17. DATE COMPL. (Ready to prod.) 8-23-77		18. ELEVATIONS (DT, RKB, RT, GR, ETC.)* 3563 GR	
20. TOTAL DEPTH, MD & TVD 11180'		21. PLUG BACK T.D., MD & TVD 11136'		22. IF MULTIPLE COMPL., HOW MANY* -----		23. INTERVALS DRILLED BY ROTARY TOOLS 0 to TD CABLE TOOLS -----	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10735' - 746', 10765' - 777', 10791' - 804' Morrow						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog Micro-SFL, Compensated Neutron Formation Density						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13 3/8"		48#		386'		17 1/2"	
9 5/8"		32.3 - 36#		2893'		12 1/4"	
5 1/2"		15.7 - 17#		11180		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED					
100 SX Class C							
1714 SX Howco Lite X Class C							
2250 SX Trinity Lite X Class H							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2 3/8"		10485		10485			
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		10485		10485			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
10735' - 746' - 2 JSPF				DEPTH INTERVAL (MD)			
10765' - 777' - 2 JSPF				RIGHT HAND KIND OF MATERIAL USED			
10791' - 804' - 2 JSPF				SEP 13 1977			
33. PRODUCTION							
DATE FIRST PRODUCTION 7/28/77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					
DATE OF TEST 8/23/77		HOURS TESTED 24		CHOKE SIZE 48/64		PROD'N. FOR TEST PERIOD 1	
FLOW. TUBING PRESS. 460		CASING PRESSURE ---		CALCULATED 24-HOUR RATE ---		OIL—BBL. 420	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to El Paso Natural Gas		OIL—BBL. 1		GAS—MCF. 420		WATER—BBL. 0	
LIST OF ATTACHMENTS 2 copies of logs per item #26		OIL GRAVITY-API (CORR.) NA		TEST WITNESSED BY			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Ray W. Cox		TITLE Administrative Assistant				DATE 9-1-77	

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Content": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Morrow	10735	10804	Gas Zone	Abo	7086'	
				Wolfcamp	7705'	
				Cisco	8930'	
				Canyon	9527'	
				Strawn	9750'	
				Atoka	10205'	
				Upper Morrow	10660'	
				Lower Morrow	10948'	
				Chester Lime	11126'	