

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other RECEIVED BY		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other SEP 28 1984
2. NAME OF OPERATOR W. A. Moncrief, Jr. ✓							
3. ADDRESS OF OPERATOR 400 Metro Bldg., Midland, Texas 79701							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below 1907' FNL & 553' FEL sec. 22 At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 6-11-84				16. DATE T.D. REACHED 7-24-84		17. DATE COMPL. (Ready to prod.) 8-20-84	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4643 Gd, 4660.5 K.B.				19. ELEV. CASINGHEAD 4643			
20. TOTAL DEPTH, MD, & TVD 12,010 MD driller				21. PLUG BACK T.D., MD & TVD 10,985'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY surf to 12,006'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pay 10,906-10,918' - Morrow sand-MD Perfs 10,909-10,913' MD		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gearhart comp. neutron-fm density, dual laterolog & laserlog						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"		54.5#		418'		17 1/2"	
8 5/8"		28#		2999'		11 1/2"	
4 1/2"		11.6#		11,022'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED					
400sx cl C w/2% Cacl + 1085sx cl C-27 stages							
800sx lt + 200sx cl C + 700sx cl C-10 stages							
400 sx class "H"							
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2 3/8"		10,877'		10,877'			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
10,909'-10,913' .40" 8 holes				DEPTH INTERVAL (MD)			
				10,909'-10,913'			
				AMOUNT AND KIND OF MATERIAL USED			
				A/1000 gal 7 1/2% spearhead			
33.* PRODUCTION							
DATE FIRST PRODUCTION 8-23-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) shut in	
DATE OF TEST 9-13-84		HOURS TESTED 4		CHOKE SIZE 4,5,6&7/64		PROD'N. FOR TEST PERIOD 0	
FLOW. TUBING PRESS. 2550-1914#		CASING PRESSURE Packer		CALCULATED 24-HOUR RATE 0		OIL—BBL. 830.137	
GAS—MCF. 0		WATER—BBL. 0		GAS-OIL RATIO NA		OIL GRAVITY-API (CORR.) NA	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				TEST WITNESSED BY Teffteller, Inc.			
35. LIST OF ATTACHMENTS open hole logs, deviation surveys							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Devery E. Thornton</u>		TITLE <u>Exploration manager</u>		DATE <u>9-17-84</u>			

*(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 Cement": 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 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Morrow lower "C" sd.	10,906	10,918	Clean porous sand - gas
T#1 3956-4123 opposite Delaware sand.			open 30", S.I. 1 hr, open 1 hr & S.I. 1½ hrs
covered 909' GCDM & sulfur wtr w/trace of free oil.			Chlorides 1100, 2500 & 2900 PPM
top, middle & bottom of recovery.			Pit chlorides were 950 PPM. Sample chamber
recovery at 300# was .2 CFG + 2000 CC slightly oc sulfur wtr-chlorides 2900 PPM.			30"
251-438#, 1' ISIP 1249#, 60" FP 438-637#, 90" FSIP 1249#.			BHT 1220
T#2 10,770-10,882 opposite Morrow sand.			open 30", S.I. 60", open 90" & S.I. 3 hrs.
covered 180' DM + 1096' SW. chlorides 2,000, 70,000 & 48,000 PPM in top, middle &			Morrow sand
bottom of recovery.			S.C. recovery was 1800 CC wtr + trace
gas @ 105#. Chlorides -45,000 PPM.			30" FP 266-346#, 1' ISIP 3800#, 90" FP 372-
5# & 3' FSIP 3773#.			HP 5110-5055#.
T#3 10,894-10,964 opposite Morrow sand.			open 30", SI 60", open 125", SI 4 hrs.GTS
" on ½" ck ARO 375 MCFGPD. Reopened on ½" ck for regular flow period. Had salt wtr			SFP on ½" ck. ranged from 280-310# AFOT.
surface 75" into regular flow period.			covered 1767' GCSW. chlorides were 25,000, 45,000 & 70,000 PPM in top, middle & btm
recovery. Pit chlorides 50,000 PPM.			SC recovery was 5.6 CFG + 700 CC SW.
chlorides 70,000 PPM).			30" FP 547-824#, 1' ISIP 4,002#, 125" FP 713-
51# & 4' FSIP 4,002#.			
T#4 11,604-11,194 opposite Morrow sand.			open 30", S.I. 60", open 90" & SI 3 hrs.
covered 90' GCDM.			30" FP 82-110#, 1' ISIP 274#, 90" FP 110-110# & 3' FSIP 686#. HP
85-5283#.			
T#5 11,816-11870 opposite Devonian.			open 30", SI 60", open 60" & SI 60". Recovered
1' DM. SC recovery was 1700 cc DM.			HP 5804-5804#, 30"FP 111-111#, 60"FSIP 148#, 60"FP 111-74# & 60"FSIP 74#.

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871-723

T#6 11,870-12,010 opposite Devonian. open 30", SI 60", open 60" & SI 2 hrs. Recovered 60' DM + 10,263' salty sulfur water.
lorides 30,000, 12,000 & 17,000 PPM in top, middle & bottom of recovery - Pit chlorides 17,000 PPM. Sample chamber recovery
s 2200 cc SSW.-chlorides 20,000 PPM.