

(October 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See Instructions on reverse side)

OMB NO. 1004-0137
Expires: December 31, 1991

d5x

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ARTESEANb. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other NOV 2 1991

2. NAME OF OPERATOR

Bettis, Boyle & Stovall ✓

3. ADDRESS AND TELEPHONE NO.

P. O. Box 1240, Graham, TX 76450 817-549-0780

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1235' FSL & 1515' FWL, Sec. 10, T25S, R29E

At top prod. interval reported below

1235' FSL & 1515' FWL, Sec. 10, T25S, R29E

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

2-7-88

16. DATE T.D. REACHED

4-27-88

17. DATE COMPL. (Ready to prod.)

9-15-88

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

3021.2 GR

19. ELEV. CASINGHEAD

3023

20. TOTAL DEPTH, MD & TVD

14,000'

21. PLUG BACK T.D., MD & TVD

13,955'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-14000'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5184-5204'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Micro-SFL, Neutron, Litho-Density

27. WAS WELL CORRED

No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20"	94#	620'	26"	1250 sx(750 sx 1t+500sx	Class C)
13-3/8"	68#	3070'	17-1/2"	4600 sx(4100sx 1t+500 sx	Class C)
9-5/8"	43.50# + 47#	10260'	12-1/4"	1125 sx(562sx Pozmix+563	sx, premium)

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
7-5/8"	10037'	12956'	950 sx	
5-1/2"	12797'	13997'	200 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13194'	13194'

31. PERFORATION RECORD (Interval, size and number)

5184-5204' 2 spf

3

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5184-5204'	A/250 gal 15% HCL;
	A/2000 gal 7-1/2% HCL
	Frac/55,000# 16/30 Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-19-91		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-23-91	24	Open	→	75	Trace	166	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
	15 PSIG	→	75	-	166	36		
TEST WITNESSED BY								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Will Use For Lease Fuel

TEST WITNESSED BY

Carter Hughes

35. LIST OF ATTACHMENTS

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

SIGNED

Steve Gray

TITLE Steve Gray, Pet. Engineer

DATE 10/28/91

*(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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Lamar Lm.	3085'	3113'	Limestone	Lamar Lime	3085'		
Bell Canyon	3113'	3944'	Sand Shale & Lime	Bell Canyon	3113'		
Cherry Canyon	3944'	5163'	Sandstone w/ Shale & Lime Stracks	Cherry Canyon	3944'		
Brushy Canyon	5163'	6862'	Sandstone w/ Shale Stracks	Brushy Canyon	5163'		
Bone Springs	6862'	7764'	Lime & Shale w/ Sand Stracks	Bone Springs	6862'		
1st Bone Springs sd.	7764'	8550'	Sand w/ Shale & Lime Stracks	1st Bone Springs sd.	7764'		
2nd Bone Springs sd.	8550'	9686'	Sand w/ Shale & Lime Stracks	2nd Bone Springs sd.	8550'		
3rd Bone Springs sd.	9686'	10064'	Sand w/ Shale & Lime Stracks	3rd Bone Springs sd.	9686'		
Wolfcamp	10064'	12300'	Limestone w/ Shale Stracks	Wolfcamp	10064'		
Stroman	12300'	12620'	DST #1 (11280'-11420') (See Below)	Stroman	12300'		
Upper Atoka	12620'	12712'	Sand & Lime	Upper Atoka	12620'		
Atoka Bank	12712'	12740'	DST #2 (12310'-12404') (See Below)	Atoka Bank	12712'		
Middle Atoka	12740'	12984'	Shale w/ Sand & Lime Stracks	Middle Atoka	12740'		
Lower Atoka	12984'	13160'	Shale w/ Sand & Lime Stracks	Lower Atoka	12984'		
Upper Morrow	13160'	13600'	Shale w/ Sand & Lime Stracks	Upper Morrow	13160'		
Middle Morrow	13600'	13940'	Chert, Limestone & Shale w/ Sand Stracks	Middle Morrow	13600'		
Lower Morrow	13940'	14000'	Limestone, Chert & Sand	Lower Morrow	13940'		
			Shale w/ Lime & Sand Stracks	T.O	14000'		

INTERVAL - 12300' - 12404' (Stroman) DST NO. 2 3-28-88
 INTERVAL - 12711' - 12766' (Atoka Bank) DST NO. 3 3-31-88

INTERVAL - 11280' - 11420' (Wolfcamp) DST NO. 1 3-18-88

PRESSURE DATA	1	2	min	max	1	2	min	max	1	2	min	max
IHP	7956	7948	915	915	IHP	8428	8432	2	IHP	8428	8432	2
FIF	936	915	915	915	FIF	1383	1434	15	FIF	1383	1434	15
FF	1032	980	980	980	FF	1479	1466	60	FF	1479	1466	60
SI	7167	7139	7139	7139	SI	7704	7761	120	SI	7704	7761	120
SIF	1032	980	980	980	SIF	1479	1466	240	SIF	1479	1466	240
SFF	1753	1757	1757	1757	SFF	7704	7761	195*	SFF	7704	7761	195*
FSI	5289	5289	5289	5289	FSI	8395	8432		FSI	8395	8432	
FPP	7956	7948	7948	7948	FPP	195*	195*		FPP	195*	195*	
BHT	182	182	182	182	BHT	195*	195*		BHT	195*	195*	

SURFACE PERFORMANCE:				SURFACE PERFORMANCE:				SURFACE PERFORMANCE:			
OPEN W/K BLOW, INCR. TO GOOD BLOW ON BOTTOM OF BUCKET, NO GAS TO SURFACE				GAS TO SURFACE 15 MM INTO FIRST SHUT IN, PSI INCR-570 - 35 FLARE ON SECOND FLOW				GAS TO SURFACE 75 mm, 8" FLARE 1/4" CHOKER 84 PSI			
DRILL PIPE RECOVERY:				DRILL PIPE RECOVERY:				DRILL PIPE RECOVERY:			
UNKNOWN, PERFORATED DRILL PIPE TO CIRCULATE GAS IN ANNULUS				1440' WATER CUSHION				3160' WATER + 1000' MUD			

SAMPLER RECOVERY				SAMPLER RECOVERY				SAMPLER RECOVERY			
PSI 660				PSI 380				PSI 1500			
CFL GAS 1917				CFL GAS 2702				CFL GAS 733			
CC MUD 100				CC MUD 200				CC WATER 950			