

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
483-046

Type or print only

09316 - 050

API No. 42- 495-32488

7. RRC District No.
8

Oil Well Potential Test, Completion or Recompletion Report, and Log

8. RRC Lease No.
84773-35069

1. FIELD NAME (as per RRC Record or Wildcat) BLOCK 20 (BONE SPRING)		2. LEASE NAME University 20-12		HECEIVED		9. Well No. 1		
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Pogo Producing Company			RRC Operator No. 668900		R.R.C. OF TEXAS		10. County of well site Winkler	
4. ADDRESS P. O. Box 10340, Midland, TX 79702-7340				SEP - 3 1996		11. Purpose of filing		
5. If Operator has changed within last 60 days, name former operator				MIDLAND, TEXAS		Initial Potential <input checked="" type="checkbox"/>		
6a. Location (Section, Block, and Survey) Sec. 12, Blk. 20, ULS				6b. Distance and direction to nearest town in this county 15 miles West of Wink				Retest <input type="checkbox"/>
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR Block 20 (Wolfcamp)		GAS ID or OIL LEASE # 34773		Oil - O Gas - G 0		WELL NO. 1		
13. Type of electric or other log run				14. Completion or recompletion date 8/4/96				Reclass <input type="checkbox"/>
								Well record only (explain in Remarks) <input type="checkbox"/>

Jones C. Malcom 10-1-96

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 8/7/96	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) Pumping 1-1/4" insert			18. Choke size
19. Production during Test Period	Oil - BBLs 92	Gas - MCF 46	Water - BBLs 92	Gas - Oil Ratio 500:1	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLs 92	Gas - MCF 46	Water - BBLs 92	Oil Gravity—API—60° 42.1	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 600 bbls			23. Injection Gas—Oil Ratio

REMARKS. Plug backed well by setting RBP @ 11,500' & dumping 5 sxs sand on top. Opened Bone Springs Lime 10,310'-10,354'. Request to rename field Block 20 Bone Springs and leave both permits open due to future plans to commingle Bone Springs and Wolfcamp zones.

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a **RECORD CODIFICATION** fill in only the front side.

NOV 07 1996

RECEIVED R.R.C. OF TEXAS

WELL TESTER'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester _____ Name of Company _____ RRC Representative _____

SEP 27 1996
AUSTIN, TEXAS

OPERATOR'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Barrett L. Smith _____ Senior Operations Engineer _____
Typed or printed name of operator's representative Title of Person

(915) 682-6822 _____ 8 / 21 / 96 _____
Telephone Area Code Number Date: mo. day year Signature

Return to Records Retention

MAPPING 143 495-32488

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well Deepening Plug Back Other

25. Permit for Plug Back or Deepen *22 1006 TE* * PERMIT NO. *8-23-96 451834*

26. Notice of Intention to Drill this well was filed in Name of _____

Rule 37 Exception _____ CASE NO. _____

Water Injection Permit PERMIT NO. _____

27. Number of producing wells on this lease in this field (reservoir) including this well: 1st Well

28. Total number of acres in this lease: 640

Salt Water Disposal Permit PERMIT NO. _____

Other PERMIT NO. _____

29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 7/17/96 Completed 8/3/96

30. Distance to nearest well, Same Lease & Reservoir: 1st well

31. Location of well, relative to nearest lease boundaries of lease on which this well is located: 1320 Feet From North Line and 1320 Feet from West Line of the University 20-12 Lease

32. Elevation (DF, RKB, RT, GR, ETC.) _____

33. Was directional survey made other than inclination (Form W-12)? Yes No

34. Top of Pay _____ 35. Total Depth 12,002' 36. P. B. Depth 11,500'

37. Surface Casing Determined by: Field Rules Recommendation of T.D.W.R. Railroad Commission (Special)

Dt. of Letter _____

38. Is well multiple completion?

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No: FIELD & RESERVOIR

40. Intervals Drilled by: _____ Rotary Tools _____ Cable Tools _____

41. Name of Drilling Contractor: Block 20 Wolfcamp Block 20 Bone Springs

42. Is Cementing Affidavit Attached? Yes No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
			10,310'	10,354'

46. Producing Interval (this completion) Indicate depth of perforation or open hole

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

Depth Interval	Amount and Kind of Material Used
10,310'-10,354'	Acidz w/ 4300 gals 15% HCl. Frac w/ 53,000# 20/40 sand.
11,700'-11,806'	Acidz w/ 2000 gals 15% HCl. Frac w/ 152,000# 20/40 sand.

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth

REMARKS Plugged back from Wolfcamp zone 11,700'-11,806' by setting RBP @ 11,500' & perforating the Bone Spring 10,310'-10,354' Lower sandstone Mt

** Please leave permit open for future down hole cementing*