

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBJECT: D.P.C. 2

CONFIDENTIAL

NM 031383

DEC 04 '87

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. NAME OF OPERATOR

Bass Enterprises Production Co.

3. ADDRESS OF OPERATOR

P O Box 2760, Midland, Texas 79702-2760

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

At surface 1980' FSL & 1980' FWL Unit Letter K

At top prod. interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Poker Lake Unit

8. FARM OR LEASE NAME

Poker Lake Unit

9. WELL NO.

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10. FIELD AND POOL, OR WILDCAT

S. Poker Lake, (Morrow)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 3, T25S, R31E

12. COUNTY OR PARISH
Eddy13. STATE
New Mexico

15. DATE SPUDDED 7-25-85 16. DATE T.D. REACHED 1-14-86 17. DATE COMPL. (Ready to prod.) July 29, 1986 18. ELEVATIONS (OF, KKB, ST, OB, ETC.)* 3424.1' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 15,610' 21. PLUG, BACK T.D., MD & TVD 14,906' 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

14,894' - 14,898' Morrow

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL-CNS, BCS, SGR DLL-MSFL

27. WAS WELL CORRED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	718'	24"	800 sx DL & 150 sx C1 "C"	None
13-3/8"	54.5, 61 & 68#	4,263'	17-1/2"	2250 sx DL & 150 sx C1 "C"	None
9-5/8"	40, 43.5 & 47#	12,002'	12-1/4"	700 sx Class "H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	11,791'	14,950'	800 sx C1 "H"	---	2-3/8"	14,760'	14,760'
5"	14,907'	15,610'	200 sx C1 "H"	---			

31. PERFORATION RECORD (Interval, size and number)

csg. Perfs 3-1/8" JRC-FSB 15543-15552' (20 Holes)
Re-Perf 1-9/16" Tbg 15543-15552 (20 Hls) Total
(40 Holes); Perf csg 3-1/8" JRC-SSB-11 0" PH
15219-15274' (16 holes); Perf csg 3-1/8" 15032-
15048 (34 h); Perf csg 1-11/16" 14894-14898
(17 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15543-15552	3000 Gals 7-1/2% HCI Frac-10000 Gals
-----	MS frac. 21000 Gals Anollo 50-10000#
-----	100 Mesh & 26500# 20-40 Sand
15219-15274	6000 Gals 7-1/2% HCI & Additives

33. PRODUCTION Continued on back

DATE FIRST PRODUCTION Test 7-24-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 7-24-86 HOURS TESTED 4 CHOKE SIZE Various PROD'N. FOR TEST PERIOD → OIL—BBL. None GAS—MCF. 620 WATER—BBL. 0 GAS-OIL RATIO 620

FLOW. TUBING PRESS. 5632 CASING PRESSURE Packer CALCULATED 24-HOUR RATE → OIL—BBL. 0 GAS—MCF. 3720 WATER—BBL. 0 OIL GRAVITY-API (CORR.) N/A

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

Sold

TEST WITNESSED BY

ARC Pressure Data, Inc.
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

2 each above logs.

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

SIGNED

R. C. Vanderschuer

TITLE Senior Production Clerk

DATE

JUL 30, 1986
JUL 29, 1986

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.)

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

Amount & Kind of Material Used

Depth Interval (MD) 15,032'-15,048' 2000 Gals 7-1/2% HCl Acid & Additives. Note: Cement retainer set at 15,100' Dump bailed 15' of cement on ton. Note: No equipment below 15,100'.

15,032'-15,048' (34 Hls) Frac'd w/6700 Gals. MS Frac w/Additives & 26,500# Westprop 20-40 Sand.

14,894'-14,900' (17 Hls) Acidized w/1500 Gals 7-1/2% HCl w/Additives.

37. SUMMARY OF POROUS ZONES: (SEE INSTRUCTIONS FOR ITEMS 22 AND 24 ABOVE.)

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			DST #1 7576-7654 - Packer Failure	T/Salt	1,060'	1,060'
			DST #1A 7600-7654 (54' Delaware)	B/Salt	4,115'	4,115'
			3 Min IF weak blow to 1" in bucket	T/Delaware Lime	4,330'	4,330'
			60 Min ISI, 75 Min FF, Initial weak	T/Delaware Sand	4,360'	4,360'
			Blow w/Gradual increase to 7" in bucket &	T/Bone Spring	8,252'	8,252'
			5 oz on pressure gauge 180' (7.6 ft ³)	T/Wolfcamp	11,626'	11,626'
			Free gas. 30' (.264 Bbls) Oil	T/Strawn	13,895'	13,895'
			270' (2.47 Bbls.) Drlg. Fl.	T/Atoka	13,945'	13,945'
			DST #2 7798-7806' Packer Failed	T/Morrow	14,610'	14,610'
			DST #2A 7740-7874' (134' Delaware)			
			3 Min IF strong blow, 60 Min FF strong Blow			
			1936' (31.7 Bbls.) Drlg fluid			
			40% formation water			
			(Sample chamber)			
			180# Tr. Oil & Gas			
			2400 CC Water			
			(73,000 CL)			