

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 067964

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Eddy

8. FARM OR LEASE NAME

Big Eddy Unit

9. WELL NO.

38

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 34, T21S, R29E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

Perry R. Bass

3. ADDRESS OF OPERATOR

Box 1178, Monahans, Texas 79756

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

At surface 660' FNL & 1980' FWL of section - Unit letter C.

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

MAR 20 1974

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

11-29-73

1-17-74

3-6-74 See remarks.

3426' GL

3444' KDB

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

13,335'

13,279'

XX

XX

(Gross) 13,068' - 13,212'.

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GRN/BHC Acoustilog, Laterlog and Micro-Laterlog

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	77#	440.16'	17 1/2"	400 sks C1 C	None
8 5/8"	24, 28 & 32#	3350.03'	12"	2290 sks C1 C	None
5 1/2"	17 & 20#	13335.21'	7 7/8"	975 sks C1 H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 7/8"	12999.53	12993-13000

31. PERFORATION RECORD (Interval, size and number)

See Item 24 - Thirty five jet shots in this interval.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Item 24	5000 gals 7 1/2 % MS

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	WELL OIL RATIO

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

Logs - DST'S 1, 2 & 3.

TEST WITNESSED BY

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

H. P. Murty

TITLE Division Production Clerk

DATE

March 18, 1974

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

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U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

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.)

Remarks: Well to be retested when pipeline connection is obtained.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THROUGH; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Morrow	12,740'	12,895'	See attached DST #1.
Morrow	12,900'	13,050'	See attached DST #2.
Morrow	13,086'	13,335'	See attached DST #3.

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Lamar			3271 (+ 173)
Delaware Sand			3342 (+ 102)
Bone Spring			6983 (-3539)
Wolfcamp			10260 (-6816)
Strawn			11585 (-8111)
Atoka			11900 (-8156)
Atoka Lime			12125 (-8381)
Morrow			12150 (-900)
Zone 2			12570 (-9126)
Base Lime			12648 (-9204)
Zone 3			12728 (-9284)
Zone 4			12860 (-9416)
Zone 5			12900 (-9456)
Zone 6			13055 (-9611)
Base Sand			13217 (-9773)

Operator: Perry R. Bass

Address: Box 1178, Monahans, Texas 79756

Lease Name: Big Eddy Unit

Well No.: 38

RECORD OF INCLINATION

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>
210	1/4
430	3/4
910	1 1/2
1200	2
1400	1 3/4
1600	1 3/4
1800	1 1/4
1815	1 1/4
2075	1
2500	2 3/4
2530	2 3/4
2600	2 3/4
2700	2 1/2
2780	2 1/2
2850	2 1/2
2890	2 1/4
3030	1 1/2
3350	1
3850	1 1/2
4140	1 1/2
4640	3/4
5140	1
5440	1 1/2
5940	3/4
6130	1 1/4
6630	1 1/4

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 ARTESIA, NEW MEXICO

See Page 2

STATE OF TEXAS)
)
 COUNTY OF WARD)

Before me, the undersigned authority, on this day, personally appeared _____, known to me to be the person whose name is subscribed hereto, on oath states that the above is true and correct to the best of his knowledge and belief.

Sworn and subscribed to before me, this the _____ day of _____ 19__.

SEAL

 Notary Public, Ward County, Texas

Operator: Perry R. Bass

Address: Box 1178, Monahans, Texas 79756

Lease Name: Big Eddy Unit

Well No.: 38

RECORD OF INCLINATION

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>
7170	1
7670	1/2
8200	1/2
8700	1/2
9200	1 1/4
9700	1
10200	1 1/4
10620	2 3/4
10745	2 1/4
11090	2
11140	1 1/4
12105	1
12410	1
12895	1
13200	3/4
13332	1/2
13335 TD	

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H. F. Wurtz, Jr.
 H. F. Wurtz, Jr.
 Division Production Clerk

STATE OF TEXAS)
)
 COUNTY OF WARD)

Before me, the undersigned authority, on this day, personally appeared H. F. Wurtz, Jr., known to me to be the person whose name is subscribed hereto, on oath states that the above is true and correct to the best of his knowledge and belief.

Sworn and subscribed to before me, this the 11th day of March 1974.

SEAL

B. R. Acorn
 Notary Public, Ward County, Texas

PERRY R. BASS, INC.

DRILL STEM TEST REPORT

COMPANY & LEASE Perry R. Bass; Big Eddy Unit; WELL NO. 38; TEST NO. 1
 FIELD Wildcat; COUNTY Eddy; STATE New Mexico
 NAME OF SECTION TESTED Morrow; TESTED FROM 12,740' TO 12,895'
 DATE 1-10-74; REASON FOR TEST _____
 SERVICE COMPANY Johrston; TYPE PACKER Bobtail
 SIZE TUBING OR DRILL PIPE 4 1/2"; CHOKE SIZE, BOTTOM 5/8 SURFACE 1/2" & 1"
 WATER CUSHION 2,556 FT.; TIME TOOL OPEN 7:32 am ~~pm~~ (MDT)
 LENGTH OF TIME TOOL OPEN 3 hours, 51 minutes; PRE-FLOW TIME 4 min.
 REMARKS: To W/WBA; SBA; in 1 Min.; VSBA in 2 min.; Closed tool; Took 1 hr. ISI; TTP on 1"

ck. to bleed down DP; Gas to surface while taking ISI. 45 min.; T O 2nd time 8:38 AM, 8 psig
FSP on 1" ck.; 15 psig @ 8:42; 14 @ 8:45; 9 @ 8:50 0 @ 8:55 AM, Water blanket to surface in
17 min.; 180 @ 8:58 490 @ 9:05; 520 @ 9:10; 1/2" ch. @ surface 640 psig @ 9:10 AM.; 690 @ 9:15
740 @ 9:30; 730 @ 9:45; 695 @ 10:00 AM; Turned thru seperator W/ 24/64 " ch. & 1" surface ch.
Three flow rates as follows; 24/64" ch., 3.5 MMCFPD, sep. pres. 570, FSP 1,300; 28/64" ch.,
4 MMCFPD, sep. pres. 570, FSP 1,150; 36/64" ch., 4.6 MMCFPD, sep. pres. 570; FSP 850;
Closed tool @ 12:25 PM (MDT); took FSI; pulled O O H; Rec'd 94' water above tool; Rec'd
from sample chamber 800 psig, 250 cu ft. gas, & no water. B H T 195 F

TIME ELAPSED TO REACH SURFACE: GAS 45 min, WATER 17 min, OIL _____ min,
 MUD _____ min.

FLOWING SURFACE PRESSURES: INITIAL 8 psi, FINAL 850 psi

FLOWING BOTTOM HOLE PRESSURES: INITIAL 1,406 psi, FINAL 1,334 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 5,662 psi

4 1/2 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 5,426 psi

FLUID COLUMN PRESSURE (Bomb readings): IN 6,980 psi, OUT 6,962 psi

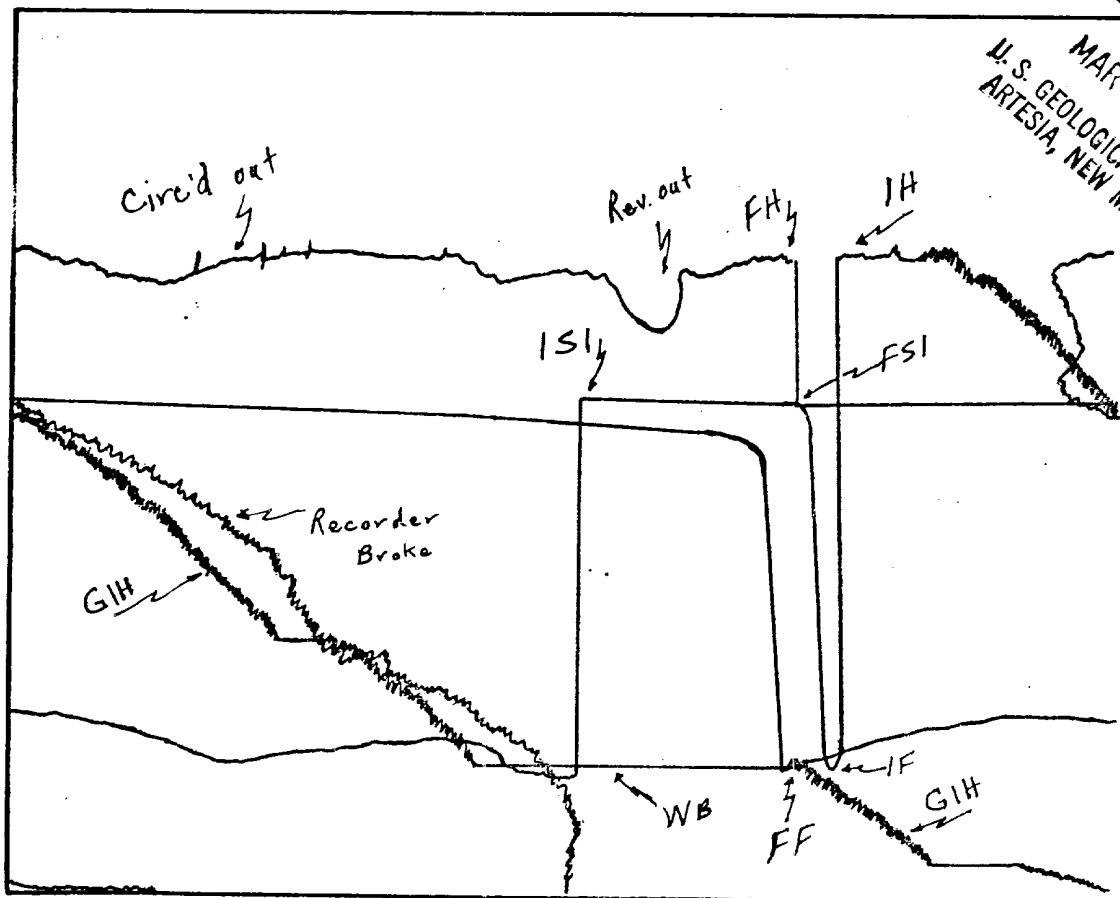
CALCULATED FLUID COLUMN PRESSURE 6,894 psi; FLUID WEIGHT 10.3 #/gal.

DID PACKER HOLD? Yes; DID BOTTOM CHOKE PLUG? No;

DID FLUID DROP IN ANNULUS? No; IS TEST CONCLUSIVE? Yes

REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally. Define opening and closing of tool, and build-up formation pressure.

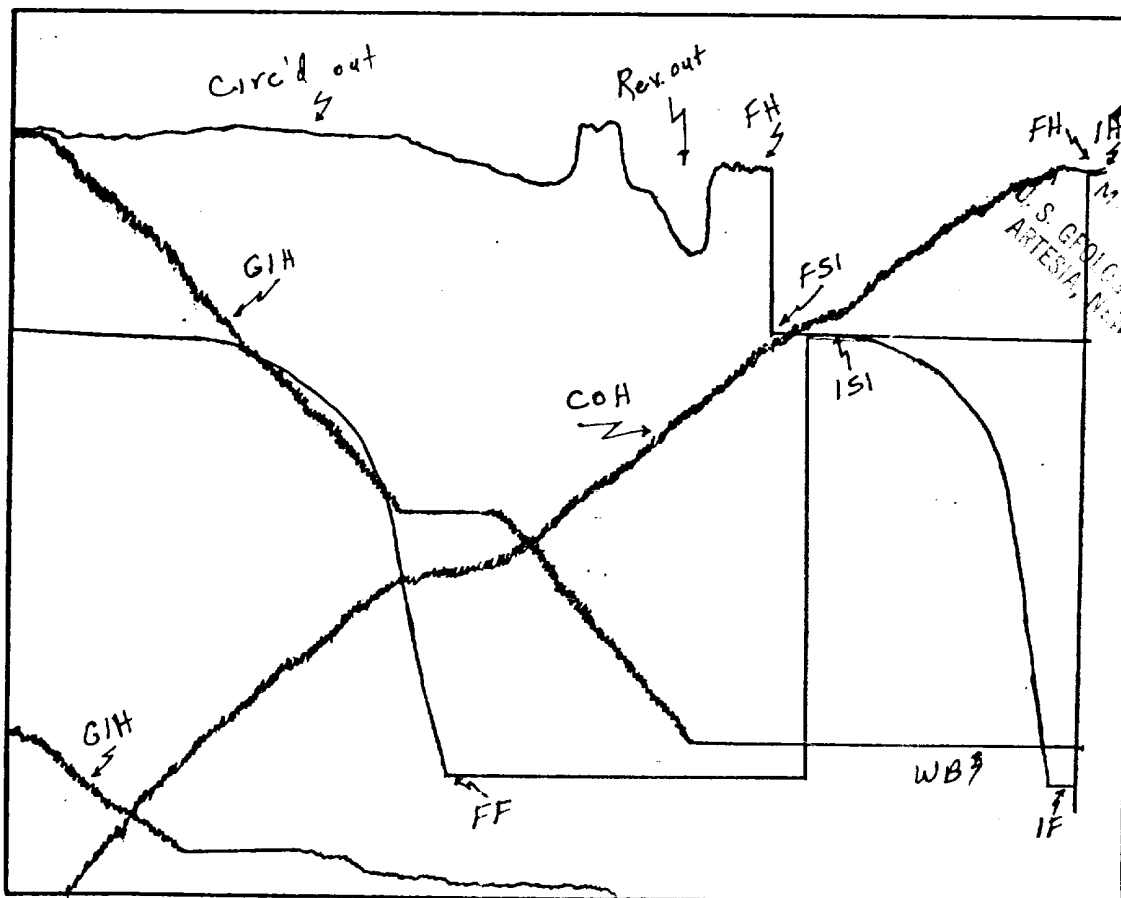


PERRY R. BASS, INC.

DRILL STEM TEST REPORT

COMPANY & LEASE Perry R. Bass ; Big Eddy Unit ; WELL NO. 38 ; TEST NO. 2
 FIELD Wildcat ; COUNTY Eddy ; STATE New Mexico
 NAME OF SECTION TESTED Morrow ; TESTED FROM 12,900' TO 13,050'
 DATE 1-14-74 ; REASON FOR TEST _____
 SERVICE COMPANY Johnston ; TYPE PACKER Bobtail
 SIZE TUBING OR DRILL PIPE 4 1/2" ; CHOKE SIZE, BOTTOM 5/8" SURFACE 1"
 WATER CUSHION 2,525 FT. ; TIME TOOL OPEN 9:23 am ~~PM~~ (CDT)
 LENGTH OF TIME TOOL OPEN 1 hours, 40 minutes ; PRE-FLOW TIME 10 min.
 REMARKS: T O W/ VWBA, & remained; Closed tool @ 9:33 AM (CDT); Took 1 hr. ISI; T O 2nd time @ 10:33 AM (CDT) W/ VWBA; WBA in 13 min.; SBA in 22 min., 6 in. water press.; VSBA in 34 min., 11 in. water press.; T T P on 1" ch. in 43 min., 18 in. water press. (11:16 AM); 20 in. water press. @ 11:17 AM Chlorides;
30 In. Water Press. @ 11:21 AM W B in 1,500 ppm res. 2.2 @ 55° F
24 " " " " 11:28 " Pit mud 102,000 ppm res. 0.06 @ 72
36 " " " " 11:30 " snpl. ch. 115,000 ppm res. 0.06 @ 70
54 " " " " 11:31 "
84 " " " " 11:34 "
5 psig 11:35 "
6 psig 11:41 " gas to surface 1 hr. 8 min.
5 " 11:47 "
3 " 12:00 Noon
Closed tool @ 12:03 PM (CDT); Took 3 hr. FSI: Pulled pkrs. free & reversed out. at 12,900' rec'd 9,405' gas, 1,765 gas cut water blanket, 760' gas cut & drlg. mud cut water blanket & 760' gas cut drlg. mud; circulated 4 to 6:20 PM; pulled OOH! rec'd 94' mud colored salt water Sample Chamber; 800 psig, 2.08 cu. ft. gas, & 1,200 cc. mud colored water. B H T 196° F;
Estimated maximum flow rate 500 MCF PD
 TIME ELAPSED TO REACH SURFACE: GAS 68 min, WATER _____ min, OIL _____ min, MUD _____ min.
 FLOWING SURFACE PRESSURES: INITIAL 6 psi, FINAL 3 psi
 FLOWING BOTTOM HOLE PRESSURES: INITIAL 1,209 psi, FINAL 1,173 psi
1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 5,390 psi
3 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 5,390 psi
 FLUID COLUMN PRESSURE (Bomb readings): IN 7,052 psi, OUT 7,052 psi
 CALCULATED FLUID COLUMN PRESSURE 6,977 psi; FLUID WEIGHT 10.3 #/gal.
 DID PACKER HOLD? Yes ; DID BOTTOM CHOKE PLUG? NO ;
 DID FLUID DROP IN ANNULUS? No ; IS TEST CONCLUSIVE? Yes
 REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally. Define opening and closing of tool, and build-up formation pressure.



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DRILL STEM TEST REPORT

COMPANY & LEASE Perry R. Bass; Big Eddy Unit ; WELL NO. 38 ; TEST NO. 3
 FIELD Wildcat ; COUNTY Eddy ; STATE New Mexico
 NAME OF SECTION TESTED Morrow ; TESTED FROM 13,086 TO 13,335
 DATE 1-20-21-74 ; REASON FOR TEST _____

SERVICE COMPANY Johnston ; TYPE PACKER Bobtail
 SIZE TUBING OR DRILL PIPE 4 1/2" ; CHOKE SIZE, BOTTOM 5/8 SURFACE 1"
 WATER CUSHION 2,993 FT. ; TIME TOOL OPEN 9:20 am ~~pm~~ (CDT)
 LENGTH OF TIME TOOL OPEN 2 hours, 5 minutes ; PRE-FLOW TIME 5 min.

REMARKS: T O w/ WBA; SBA in 1 min.; VSBA in 2 min. & remained; Closed tool in 5 min.; TTP on 1" ch. to bleed down drill pipe; GTS in 51 min.; T O 2 nd time @ 10:25 AM (CDT), 8 1/2 psig

FSP on 1" ch.: took ~~Flowing~~ ^{Flowing} readings:

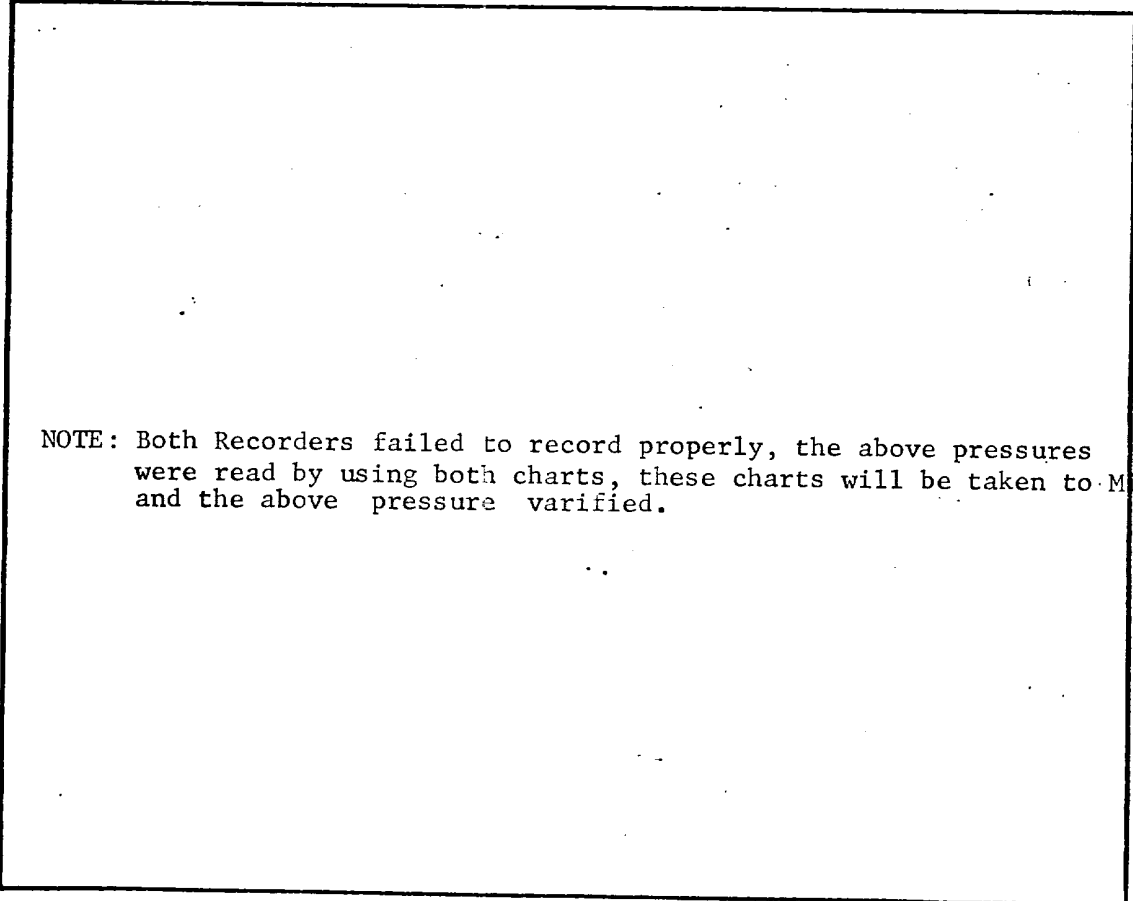
10:25 AM	8 1/2 psig	1" ch.	11:14 AM	300 psig	1" ch.
10:28 "	10	"	11:19 AM	380 "	"
10:31 "	7	"	11:24 "	440 "	"
10:34 "	0	"	11:32 "	450 "	"
10:50 "	0	" (Water Blanket)			
10:52 "	70	"	1.7 mmcfpd 11:42 AM	570 "	40/64" ch. Sep.
10:57 "	120	"	2.12 " " 12:00 Noon	570 "	" "
11:03 "	160	"	2.2 " 12:15 PM	"	" "
11:12 "	270	"	2.2 " 12:25 "	"	" "

Closed Tool in @ 12:25 PM (CDT); Took 4 hr. FSI: Pulled pkrs. free @ 4:25 PM; Pulled 3 stds. & Dropped bar; Reversed out, w/ circ. sub @ 12,670' 8,810' gas, 2,330' GC WB, 580' GC& WBC DM, & 950' GC DM ; Circulated around; Pulled OOH; J.C. 1:10 AM (CDT) 1-21-74; Rec'd. 90' GC DM, BHT 200° F; Sample Chamber contained 5,000 psig, 30.8 cu. ft. gas, & 120 cc gas cut drlg. mud
 Chlorides: pit mud 147,000 ppm res. 0.06 @ 64° F; Water blanket 4,000 ppm res. 2.1 @ 60° F
 Rec'd mud 108,000 ppm res. 0.06 @ 60° F

TIME ELAPSED TO REACH SURFACE: GAS 51 min, WATER 25 min, OIL _____ min, MUD _____ min.

FLOWING SURFACE PRESSURES: INITIAL 8 1/2 psi, FINAL 560 psi
 FLOWING BOTTOM HOLE PRESSURES: INITIAL 1,448 psi, FINAL 1,813 psi
1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 5,563 psi
4 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 5,503 psi
 FLUID COLUMN PRESSURE (Bomb readings): IN 7,335 psi, OUT 7,335 psi
 CALCULATED FLUID COLUMN PRESSURE 7,198 psi; FLUID WEIGHT 10.4 #/gal.
 DID PACKER HOLD? Yes ; DID BOTTOM CHOKE PLUG? No ;
 DID FLUID DROP IN ANNULUS? No ; IS TEST CONCLUSIVE? Yes
 REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally. Define opening and closing of tool, and build-up formation pressure.



NOTE: Both Recorders failed to record properly, the above pressures were read by using both charts, these charts will be taken to Midland and the above pressure varified.