

SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 007-22271-00-00

County Barber

100' N of C NW/4 Sec. 17 Twp. 35 Rge. 13 East West

1220 FNL Ft. North from Southeast Corner of Section

3960 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Bouziden "B" Well # 1

Field Name

Producing Formation Mississippian

Elevation: Ground 1581' KB 1588'

Total Depth 5250' PBTD 5136'

Operator: License # 5171

Name: TXO Production Corp.

Address 1660 Lincoln St.

Suite 1800

City/State/Zip Denver, CO 80264

Purchaser: KGS

Operator Contact Person: Cory West

Phone (303) 861-4246

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Ken LeBlanc

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

X Gas Inj Delayed Completion

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

10-29-89 11-7-89 12-10-89

Spud Date Date Reached TD Completion Date

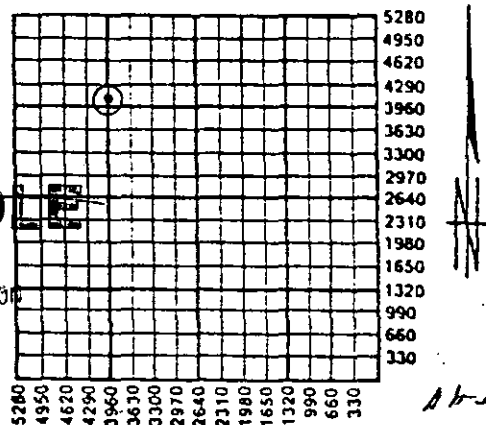
TIGHT HOLE

RECEIVED

STATE CORPORATION COMMISSION

JUL 10 1990

CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 390 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Cory West

Title Area Drilg & Prod. Engineer Date 7-12-90

subscribed and sworn to before me this 12 day of July, 1990.

Notary Public Janice A. Parker

Date Commission Expires 11-03-92

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name TXO Production Corp. Lease Name Bouziden "B" Well # 1

Sec. 17 Twp. 35S Rge. 13
 East
 West

County _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)(See Attachments)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Lecompton Lime	3772	(-2188)
Elgin Sd.	3844	(-2261)
Douglas Shale	4116	(-2532)
Lansing	4249	(-2665)
KC	4534	(-2950)
Miss Chart	4898	(-3314)
Kinchhook Shale	5224	(-3640)

CASING RECORD 8-5/8
 New 4 1/2 Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	24.0	390	Lite Class "A"	200	3% CC
Production	7-7/8"	4 1/2"	19.5	5136	Surefill	150	5#/sx gilsonite 2#/sx cellof lake

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4923-31'	1 shot/2'	2000 gals 15% HCL	
4943-49'	1 shot/2'	followed by	
4957-61'	(25 holes total)	172,000 ± CO ₂ foam frac	
4967			
4971-93			

TUBING RECORD

Size 2-3/8" Set At 4947' Packer At - - Liner Run Yes No

Date of First Production 12-19-89 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
± 6 BOPD		50 MCFD	35 BWPD		

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Comingled
 Other (Specify) _____

Production Interval

ORIGINAL

State of Kansas



Kansas Corporation Commission

MIKE HAYDEN
KEITH R. HENLEY
RICH KOWALEWSKI
JACK SHRIVER
JUDITH MCCONNELL
FRANK A. CARO, JR.

GOVERNOR
CHAIRMAN
COMMISSIONER
COMMISSIONER
EXECUTIVE DIRECTOR
GENERAL COUNSEL

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

July 18, 1990

Cory West
TXO Production Corporation
1660 Lincoln Street
Suite #1800
Denver, Colorado 80264

Re: Confidentiality of Information on
ACO-1 for Bouziden "B" #1 Well

Dear Mr. West:

The above-referenced ACO-1 has been referred to me. K.A.R. 82-3-107 provides for all information to be filed within 120 days of the spud date. Subsection (d) of that regulation states that "all rights to confidentiality shall be lost if the filings are not timely."

The above-referenced ACO-1 was not filed within the 120 days as is required. Therefore your request for confidential treatment cannot be granted.

If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "James W. Coder".

James W. Coder
Assistant General Counsel

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

ORIGINAL

July 12, 1990

Kansas Corporation Commission
200 Colorado Derby Building
202 West 1st Street
Wichita, Kansas 67202

RE: ACO-1's and supporting
information on TXO Drilled
Wells - Request for
Confidentiality

Dear Sirs:

Please find enclosed the ACO-1's and supporting information as required by the Commission on recently drilled TXO wells. These wells are:

Spriggs "A" #2	Sec. 32-33S-13W	Barber Co.
Bouziden "B" #1	Sec. 17-35S-13W	Barber Co.

Please keep all information "Confidential"; that is TITE HOLE. Please call if there are any questions or concurs.

Sincerely,

TXO PRODUCTION CORP.



Cory West
Drilling & Production Engineer

CW/lh

Enclosures

RECEIVED
STATE CORPORATION COMMISSION

JUL 16 1990

CONSULTANTS
WICHITA AREA



LEASE NAME	BOUZIDEN	WELL NO.	B-1	TEST NO.	1	TESTED INTERVAL	4889.8 - 4915.0	LEASE OWNER/COMPANY NAME	TXD PRODUCTION CORPORATION
LEGAL LOCATION	17-35S-13W	FIELD	RETNB	COUNTY	BARBER	STATE	KANSAS		SM

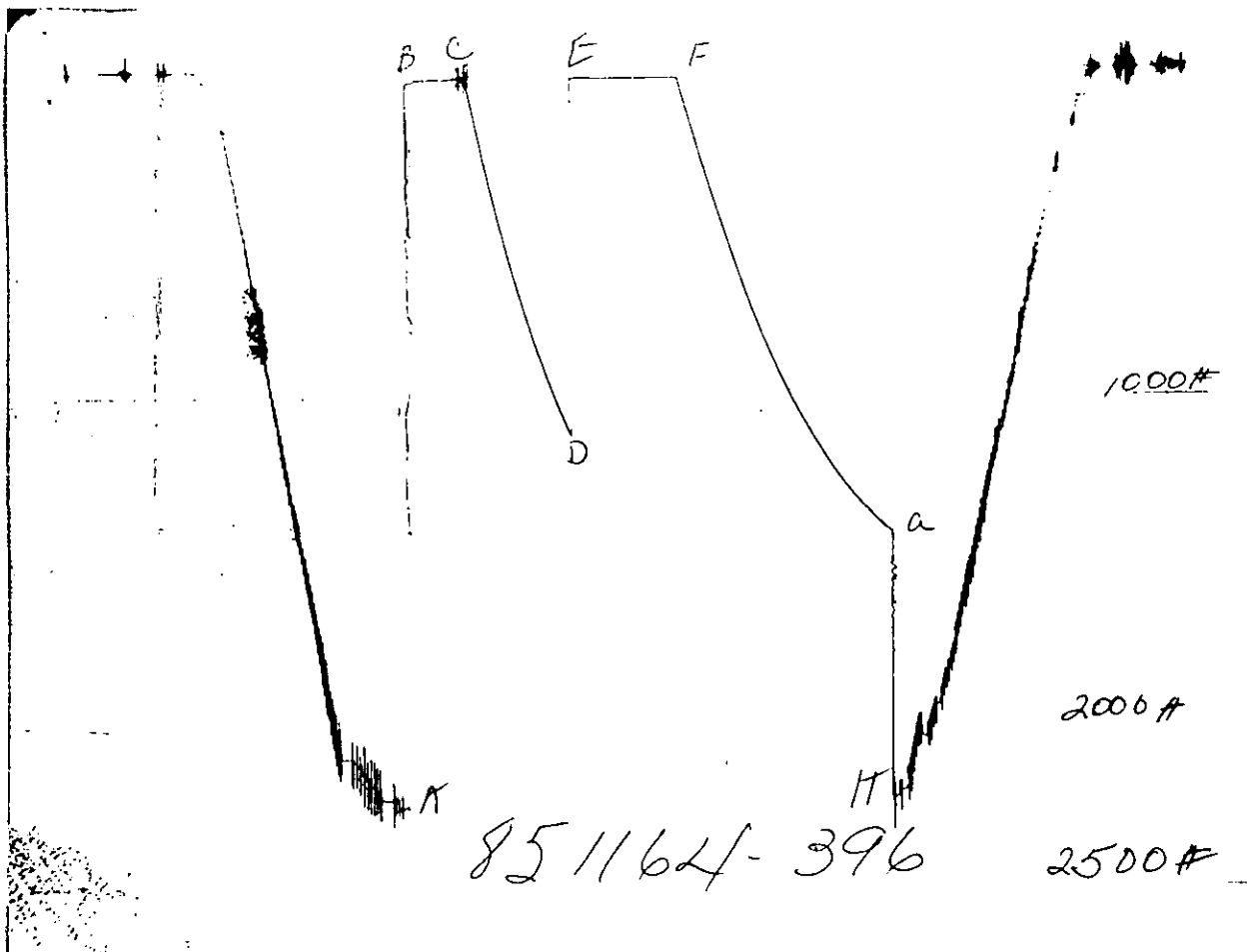
TXD PRODUCTION CORPORATION

LEASE : BOUZIDEN

WELL NO. : B-1

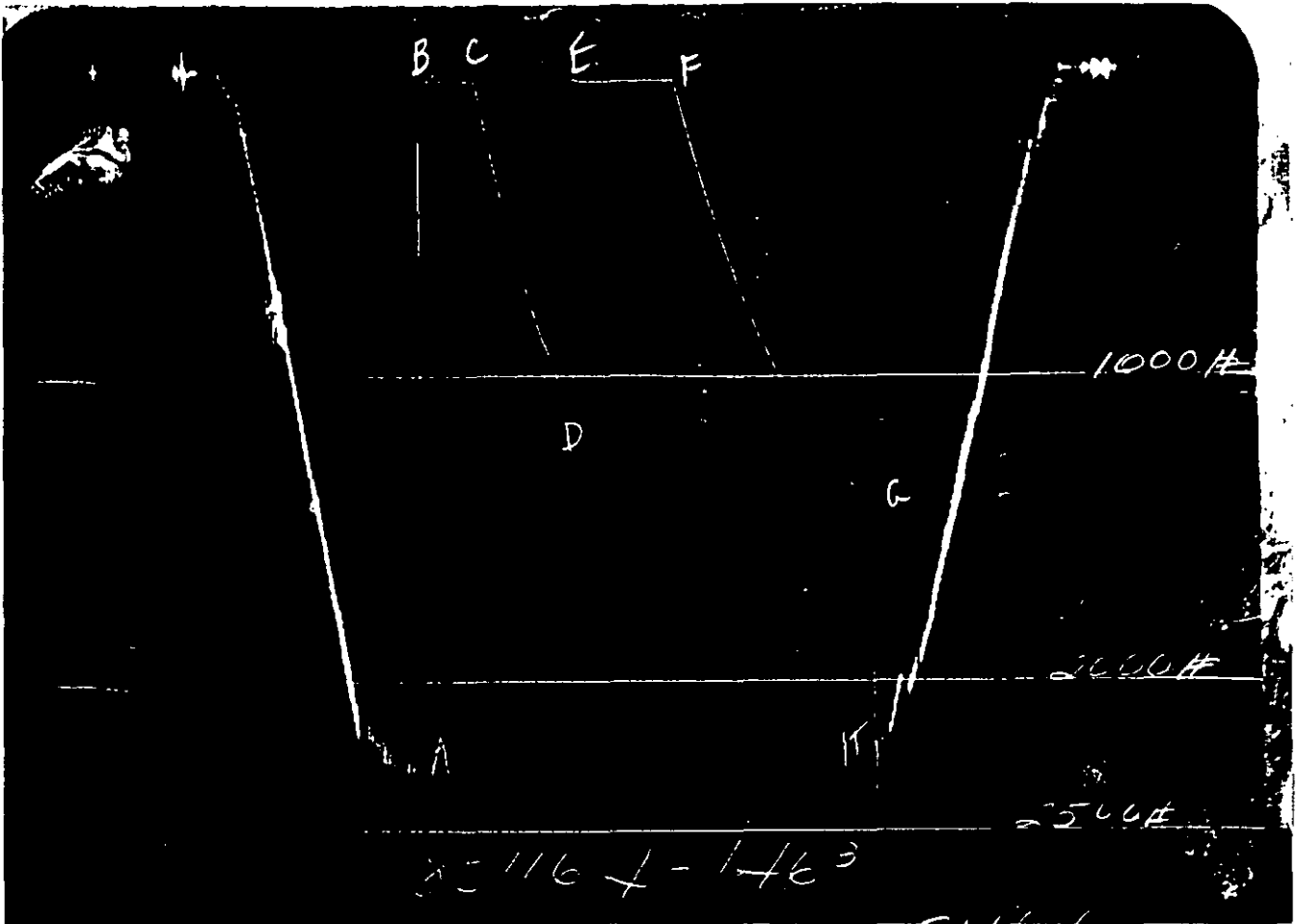
TEST NO. : 1

TICKET NO. 85116400
09-NOV-89
GREAT BEND



GAUGE NO: 396 DEPTH: 4868.6 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2257	2242.9			
B	INITIAL FIRST FLOW	31	35.4			
C	FINAL FIRST FLOW	39	24.9	30.0	33.3	F
C	INITIAL FIRST CLOSED-IN	39	24.9			
D	FINAL FIRST CLOSED-IN	1116	1120.9	60.0	58.3	C
E	INITIAL SECOND FLOW	39	25.3			
F	FINAL SECOND FLOW	39	24.2	60.0	59.2	F
F	INITIAL SECOND CLOSED-IN	39	24.2			
G	FINAL SECOND CLOSED-IN	1415	1414.6	120.0	119.3	C
H	FINAL HYDROSTATIC	2225	2231.8			



GAUGE NO: 1463 DEPTH: 4912.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2273	2289.4			
B	INITIAL FIRST FLOW	31	40.2			
C	FINAL FIRST FLOW	39	37.1	30.0	33.3	F
C	INITIAL FIRST CLOSED-IN	39	37.1			
D	FINAL FIRST CLOSED-IN	1132	1137.7	60.0	58.3	C
E	INITIAL SECOND FLOW	39	33.9			
F	FINAL SECOND FLOW	39	37.5	60.0	59.2	F
F	INITIAL SECOND CLOSED-IN	39	37.5			
G	FINAL SECOND CLOSED-IN	1433	1433.7	120.0	119.3	C
H	FINAL HYDROSTATIC	2241	2256.1			

EQUIPMENT & HOLE DATA

FORMATION TESTED: MISSISSIPPI
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 25.2
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 1576.0 GROUND LEVEL
 TOTAL DEPTH (ft): 4915.0
 PACKER DEPTH(S) (ft): 4884, 4890
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 8.90
 MUD VISCOSITY (sec): 44
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 123 @ 4910.0 ft

TICKET NUMBER: 85116400
 DATE: 11-6-89 TEST NO: 1
 TYPE DST: OPEN HOLE
 FIELD CAMP: GREAT BEND
 TESTER: A.G. CURTIS
 WITNESS: LANCE ANDERSON
 DRILLING CONTRACTOR: TRANS PAC RIG #1

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>MUD (FLOWLINE)</u>	<u>0</u> °F	<u>3000</u> ppm
_____	<u>0</u> °F	<u>_____</u> ppm
_____	<u>0</u> °F	<u>_____</u> ppm
_____	<u>0</u> °F	<u>_____</u> ppm
_____	<u>0</u> °F	<u>_____</u> ppm
_____	<u>0</u> °F	<u>_____</u> ppm

SAMPLER DATA

Psig AT SURFACE: _____
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED :

180 FEET OF GAS IN PIPE
 30 FEET OF GASSY DRILLING MUD

MEASURED FROM
 TESTER VALVE

REMARKS :

TICKET NO: 85116400
 CLOCK NO: 3722 HOUR: 12

GAUGE NO: 396
 DEPTH: 4868.6

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B	1	0.0	35.4		
	2	5.0	29.6	-5.8	
	3	10.1	27.4	-2.3	
	4	15.0	26.8	-0.5	
	5	20.0	26.5	-0.3	
	6	25.0	25.6	-0.9	
C	7	33.3	24.9	-0.7	
FIRST CLOSED-IN					
C	1	0.0	24.9		
	2	5.0	159.3	134.3	4.3 0.886
	3	10.0	286.3	261.4	7.7 0.637
	4	15.0	405.1	380.2	10.3 0.508
	5	20.0	512.3	487.4	12.5 0.425
	6	25.0	613.2	588.2	14.3 0.367
	7	30.0	705.9	681.0	15.8 0.324
	8	35.0	793.2	768.3	17.1 0.290
	9	40.0	875.9	850.9	18.2 0.263
	10	45.0	950.6	925.7	19.1 0.240
	11	50.0	1018.1	993.1	20.0 0.222
	12	55.0	1083.8	1058.8	20.7 0.205
D	13	58.3	1120.9	1096.0	21.2 0.196
SECOND FLOW					
E	1	0.0	25.3		
	2	10.0	23.0	-2.3	
	3	20.0	24.2	1.2	
	4	30.0	24.2	0.0	
	5	40.0	23.7	-0.5	
	6	50.0	23.7	0.0	
F	7	59.2	24.2	0.5	
SECOND CLOSED-IN					
F	1	0.0	24.2		
	2	10.0	213.3	189.0	9.0 1.009
	3	20.0	393.5	369.3	16.4 0.750
	4	30.0	557.0	532.7	22.7 0.610
	5	40.0	705.6	681.4	27.9 0.520
	6	50.0	839.7	815.5	32.5 0.454
	7	60.0	958.2	933.9	36.4 0.405
	8	70.0	1063.0	1038.8	39.8 0.365
	9	80.0	1154.6	1130.3	42.9 0.334
	10	90.0	1238.5	1214.3	45.6 0.307
	11	100.0	1309.4	1285.1	48.0 0.284
	12	110.0	1372.1	1347.9	50.2 0.265
G	13	119.3	1414.6	1390.3	52.1 0.249

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
(Empty table)					

REMARKS:

TICKET NO: 85116400

GAUGE NO: 1463
















CLOCK NO: 12619 HOUR: 12

DEPTH: 4912.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B	1	0.0	40.2		
	2	5.0	35.3	-4.9	
	3	10.0	35.3	0.0	
	4	15.0	35.9	0.6	
	5	20.0	36.7	0.8	
	6	25.0	37.1	0.4	
C	7	33.3	37.1	0.0	
FIRST CLOSED-IN					
C	1	0.0	37.1		
	2	5.0	172.2	135.0	4.3 0.884
	3	10.0	297.5	260.3	7.7 0.636
	4	15.0	413.7	376.5	10.3 0.507
	5	20.0	521.0	483.8	12.5 0.425
	6	25.0	621.5	584.3	14.3 0.368
	7	30.0	718.0	680.9	15.8 0.324
	8	35.0	806.2	769.1	17.1 0.290
	9	40.0	886.9	849.8	18.2 0.263
	10	45.0	962.7	925.6	19.1 0.240
	11	50.0	1034.0	996.9	20.0 0.221
	12	55.0	1098.7	1061.5	20.7 0.205
D	13	58.3	1137.7	1100.6	21.2 0.196
SECOND FLOW					
E	1	0.0	33.9		
	2	10.0	37.1	3.1	
	3	20.0	36.4	-0.7	
	4	30.0	36.4	0.0	
	5	40.0	35.7	-0.7	
	6	50.0	35.7	0.1	
F	7	59.2	37.5	1.7	
SECOND CLOSED-IN					
F	1	0.0	37.5		
	2	10.0	228.6	191.2	9.0 1.012
	3	20.0	411.2	373.7	16.4 0.750
	4	30.0	575.0	537.5	22.7 0.610
	5	40.0	720.5	683.1	27.9 0.520
	6	50.0	854.5	817.1	32.4 0.455
	7	60.0	973.8	936.4	36.4 0.405
	8	70.0	1081.0	1043.5	39.8 0.365
	9	80.0	1174.3	1136.9	42.9 0.333
	10	90.0	1254.7	1217.3	45.6 0.307
	11	100.0	1325.5	1288.0	48.0 0.284
	12	110.0	1388.3	1350.8	50.2 0.265
G	13	119.3	1433.7	1396.2	52.1 0.249

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
(Empty table area)					

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	4644.8	
3		DRILL COLLARS.....	6.250	2.250	90.0	
50		IMPACT REVERSING SUB.....	5.750	2.750	1.0	4735.3
3		DRILL COLLARS.....	6.250	2.250	120.0	
5		CROSSOVER.....	5.750	2.250	1.0	
12		DUAL CIP VALVE.....	5.750	0.870	6.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	4867.3
80		AP RUNNING CASE.....	5.000	2.250	4.1	4868.6
15		JAR.....	5.000	1.000	5.0	
15		VR SAFETY JOINT.....	5.000	1.750	3.0	
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	4884.0
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	4889.8
20		FLUSH JOINT ANCHOR.....	5.000	2.370	18.0	
83		HT-500 TEMPERATURE CASE.....	5.000		1.5	4910.0
81		BLANKED-OFF RUNNING CASE.....	5.000		4.0	4912.0
TOTAL DEPTH						4915.0

EQUIPMENT DATA

(957)

TXO

15-007-22271-00-00

WELL COMPLETION SHEET

E AND WELL NUMBER: Bouziden 'B' #1

DATE: 4/4/90

OF WELL-HEAD: Huber-Herc. w/ Stripping bowl

CASING SIZE: 4 1/2" x 10.5"

TUBING SIZE: 2 3/8" x 4.7"

TOTAL TUBING: 4919.97'

DEPTH OF TUBING: 4925

NUMBER JOINTS OF TUBING: 160

TUBING SUBS: —

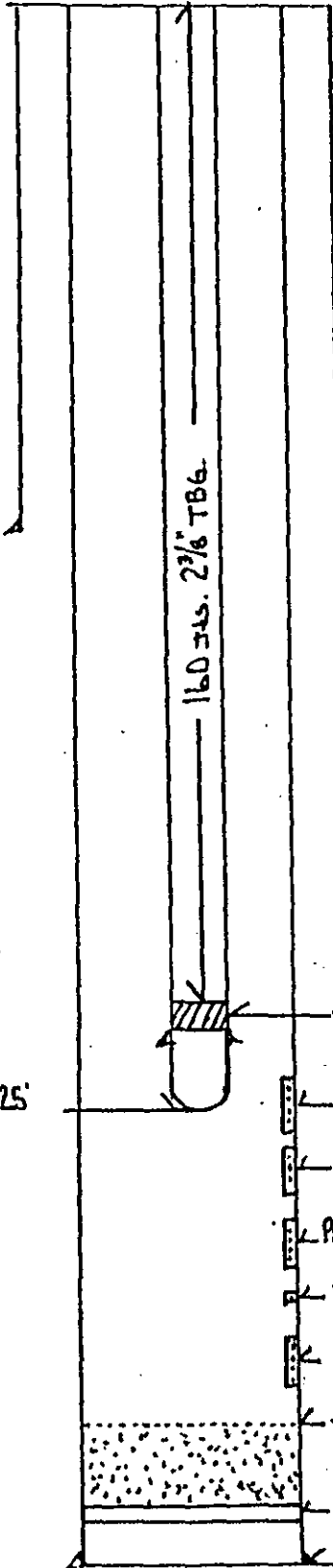
PUMP SIZE: 2' x 1 1/2" x 12' BHD (R.A.G.)

PUMP NUMBER: 0-39

NUMBER OF RODS: 193-3/4"

PONY RODS: 1-2' x 3/4" 1-4' x 3/4"

ZERO: 7'



8 5/8 csg. @
390'

S.N. @ 4913'

End of N.A. 4925'

Perfs: 4923-4931 w/ 1 shot per 2' (5-Holes)

Perfs: 4943-4949 w/ 1 shot per 2' (4-Holes)

Perfs: 4957-4961 w/ 1 shot per 2' (3 Holes)

Perf @ 4967 1-shot

Perfs: 4971-4993 w/ 1 shot per 2' (12-Holes)

SAND fill @ 5025'

Insert @ 5095'

4 1/2 csg. set @ 5136'

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 12 1993
 CONSERVATION DIVISION
 WICHITA, KS
 (957)

br