

ORIGINAL

RELEASED
CONFIDENTIAL
MAY 28 1991

SIDE ONE

22301 - 00-00

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

API NO. 15- 007-23,301 FROM CONFIDENTIAL

County Barber
CC. S/2/SW NE Sec. 20 Twp. 34 S Rge. 13 East
West

Operator: License # 5171

2970 Ft. North from Southeast Corner of Section

Name: TXO Production Corp.

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 1660 Lincoln St., Suite 1800

Lease Name Meyer "B" Well # 4

City/State/Zip Denver, CO 80264

Field Name Aetna

Purchaser: KPL

Producing Formation Mississippian

Operator Contact Person: Cory West

Elevation: Ground 1607' KB 1618'

Phone (303) 861-4246

Total Depth 5070' PBTD 4992'

Contractor: Name: Lobo Drilling Co.

License: 5864

Wellsite Geologist: Kenneth M. LeBlanc

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows: **TIGHT HOLE**

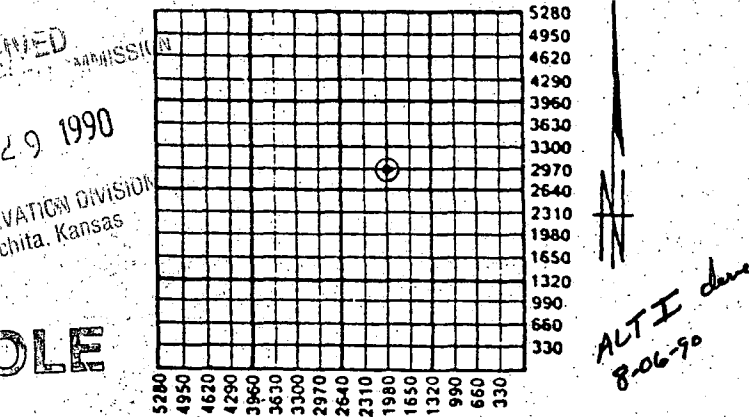
Operator: _____

Well Name: _____

Comp. Date: _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

3-27-90 4-4-90 5-10-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 400' Feet

Multiple Stage Cementing Collar Used? Yes 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 William Cory West
Title Area Drlg & Prod. Engineer Date 5-18-90

Subscribed and sworn to before me this 23 day of May, 1990

Notary Public Jarvis A. Parker

Date Commission Expires 11-03-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

CONFIDENTIAL

SIDE TWO

Operator Name TXO Production Corp. Lease Name Meyer "B" Well # 4
 Sec. 20 Twp. 34S Rge. 13 East West
 County Barber

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 casing 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.

MAY 28 1991

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.) (Refer to attached tests)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Kanwaka Sh	3722	-2104
Heebner	3920	-2302
LKC	4102	-2484
Swope	4548	-2930
Mississippian	4716	-3098

CASING RECORD

New 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#	400'	Lite	200	3% CC
Production	7-7/8"	4-1/2"	10.5#	5036'	Class "A" Surefill	75 175	2% Gel 3% CC 5# Colseal

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

1 shot each @ 4720', 23, 26, 29, 32, 36, 38, 40, 42, 44, 46, 48, 50, 53, 56, 59, 62, 65. 19 holes total	2000 gals 15% HCL followed by 148,500 lbs 12/20 sand, 73,500 gals X-linked fluid foamed w/140 tons CO ₂
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TUBING RECORD

Size Set At Packer At Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Trace Bbls. Gas 2000 Mcf Water 10-20 Bbls. Gas-Oil Ratio BWPD Gravity

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval

DATE: 5/28/91



P.O. Box 4442
Houston, Tx. 77210

DISTRICT COPY
ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE 3-23-90 SERVICE CONTRACT NO. 610614

CUSTOMER ACCOUNT NO. TXO PROD CORP DIST. NAME WED LODGE NEW WELL WELL TYPE B JOB NUMBER 500269

ADDRESS Box 125 C DIST. NUMBER 330 WELL NO. A LEASE NAME & FEDERAL OFFSHORE/LEASE NO. MEYER D

CITY MEDICINE LODGE STATE KANSAS ZIP 67104 COUNTY/PARISH PARBER CODE 007 STATE Ks. CODE 14

AUTHORIZED BY FRANK NEIGHBORS (Please Print) ORDER NO. TXO PROD. CORP. FIELD NAME HETNA CITY CODE

STAGE NO. 0100 WORKING DEPTH 399 FT. PUMPING EQUIPMENT TIME (A OR P) DATE

TOTAL PREV. GALS. SURFACE INTERMEDIATE PRODUCTION REMEDIAL TRUCK CALLED 11:30 P MM/DD/YY

TOTAL MEAS. DEPTH. SIZE HOLE 12 1/4" DEPTH 400 FT. ARRIVED AT JOB 1:30 A 032390

SIZE & WT. CASING 3 1/2" 24# DEPTH 399 FT. START OPERATION 6:25 A 032390

SIZE & WT. DRILL PIPE OR TUBING DEPTH FT. FINISH OPERATION 6:45 A 032390

PACKER DEPTH FLUID PUMPED TIME RELEASED 7:30 A

AVG. PSI. 200 MAX. PSI. 400 REVENUE EQUIPMENT (UNIT NUMBERS) EMPLOYEES ON JOB (EMPLOYEE NUMBER)

MAX. BPM S 6431 506732 579244

S/S EMPLOYEE NUMBER 666454

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BLENDS CEMENT FRAC ACID SAND CONTROL

PRICE BOOK REF. PART NO. U/M QTY. PART NO. U/M QTY. PART NO. U/M QTY.

110415005 410304 Q 114 4130130 73 420145 C 10.50

RELEASED

MAY 28 1991

TIGHT HOLE FROM CONFIDENTIAL

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK 07

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
104100305	1	301-1,500'	375.00	F	375.00
104100310	100	PLUS PER FOOT BELOW 300'	.42	F	42.00
104109005	70	WELLS R/T	1.10	F	77.00
104115005	200	BJ LIFE RECEIVED BY COMMISSION	4.74	Q	943.00
104110504	75	CLASS A STATE COMMISSION	5.30	Q	397.50
104115049	40	A-7P MAY 29 1990	3.2	L	236.30
10430145	141	BJ P/L	6.75	C	952.75
103301001	275	WELLS SERVICE DIVISION Kansas	.95	Q	261.25
109401101	443	DRILLAGE 12.3 x 35	.70	F	312.60
104301536	1	37 1/2" TOP RUPPER P/L	100.00	F	100.00

SERVICE REPRESENTATIVE KEVIN PRUNGAROT

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



SERVICE OPERATIONS CONTRACT CONTINUATION

CONFIDENTIAL

CONTRACT NO. 610614

DATE OF JOB 07/13/90	DISTRICT Med Lodge	DIST. NO. 3350	AUTHORIZED BY ERVIN NEIGHORS
CUSTOMER TXO PROD CORP			

ORIGINAL

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
	017	1	37/8" BAFFLE PLATE - B	95.35	F	95.35
		1	37/8" CENTRALIZER - D	57.75	F	57.75
		1	37/8" BASKET - D	190.00	F	190.00
			BOOK PRICE			\$ 3103.67
			LESS			553.66
			TOTAL			\$ 2549.01

RELEASED

MAY 28 1991

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
MAY 20 1990
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE V. TRUNGARDT	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: K. [Signature]
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CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

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BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CONFIDENTIAL CEMENTING LOG ORIGINAL

Date 2-23-90 District Med. Co. 0069 Ticket No. 610614
 Company TRC PROD. CORP. Rig LOBO #1
 Lease MEYER B Well No. 4
 County TARKER State KANSAS
 Location 70-34s-13w Field AETNA
HARDTNER 6W, 4N, 1E

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 3 7/8" Type J-55 Weight 24# Collar STC

BLURST - 2950#
POLLARD - 1370#
 Casing Depths: Top KL Bottom 399'

Drill Pipe: Size 4 1/2" Weight 16.6# Collars _____
 Open Hole: Size 12 1/4" T.D. 400 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. .1453 Lin. ft./Bbl. 6.35
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.2
 Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 3 BBL. FRESH WATER
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 35:65:6
3% A-7P Excess _____
 Amt. 200 Sks Yield 1.53 ft³/sk Density 17.3 PPG

TAIL: Pump Time _____ hrs. Type PLUSS H
3% A-7P, 2% 06A Excess _____
 Amt. 75 Sks Yield 1.24 ft³/sk Density 15.2 PPG

WATER: Lead 7.3 gals/sk Tail 6.5 gals/sk Total 43 1/2 Bbls.

Pump Trucks Used 2902-6431 (ARRY D.)
 Bulk Equip. 2903-6433 JOHN K.

Float Equip: Manufacturer LAKER
 Shoe: Type TOOL ROY Depth 399
 Float: Type BAFFLE PLATE Depth 354
 Centralizers: Quantity 1 Plugs Top RUBBER Btm. _____
 Stage Collars _____
 Special Equip. LASKET 10 30'
 Disp. Fluid Type FRESH H₂O Amt. 22 1/2 Bbls. Weight 8.34 PPG
 Mud Type NATIVE Weight _____ PPG

COMPANY REPRESENTATIVE ERWIN NEIGHBORS

CEMENTER KEVIN KRUMHART

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
1:30						ON LOCATION, JOB SAFETY MEETING
						REC UP
						RUN 3 7/8" CASING - BREAK
						CIRCULATION WITH RTG PUMP
6:25						REC UP TO CEMENT PUMP
	100				4	START FRESH WATER
	100		5	5	4	FRESH WATER IN - START LEAD
	100				5	INCREASE RATE
			6 1/4	5 6/4	5	LEAD IN - START TAIL
			7 1/4	17 3/4	5	TAIL IN - STOP PUMPS
						CHANGE VALVES - RELEASE TUG
					2	START DISPLACEMENT
	100		31	2	5	INCREASE RATE
	200		37	6	5	SLIGHT PRESSURE INCREASE
6:45	400		10 1/2	14 1/2		BUMP PLUG
						RELEASED
						MAY 2 8 1991
						FROM CONFIDENTIAL



P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 9-6-90 SERVICE CONTRACT NO. 610705

CUSTOMER ACCOUNT NO. TXO PRODUCTION
ADDRESS P.O. Box 125B
CITY Medicine Lodge STATE Kansas ZIP 67104
AUTHORIZED BY: Gerrel Veatch (Please Print) ORDER NO.

NEW WELL OLD WELL WELL TYPE G JOB NUMBER 500386
WELL NO. 9 LEASE NAME & FEDERAL OFFSHORE LEASE NO. Meyer B
COUNTY/ PARISH Barber CODE 007 STATE KANSAS CODE 14
FIELD NAME AETNA CITY CODE
WELL OWNER TXO PRODUCTION MTA CODE

STAGE NO. JOB CODE 0106 WORKING DEPTH 5035 FT.
1 SURFACE 2 INTERMEDIATE 3 PRODUCTION 4 REMEDIAL
TOTAL PREV. GALS.
SIZE HOLE 7 7/8 DEPTH 5070 FT.
TOTAL MEAS. DEPTH SIZE & WT. CASING 9 1/2 10.5 DEPTH 5035 FT.
SIZE & WT. DRILL PIPE OR TUBING DEPTH FT.
PRESSURE AVG. PSI 500 MAX. PSI 1450
PACKER DEPTH FLUID PUMPED

PUMPING EQUIPMENT TIME (A. OR P.) DATE
TRUCK CALLED 7:00 P 09/05/90
ARRIVED AT JOB 2:00 A 09/06/90
START OPERATION 9:30 A 09/06/90
FINISH OPERATION 7:30 A 09/06/90
TIME RELEASED
MILES FROM STATION TO WELL 70 SALESMAN NUMBER

REVENUE EQUIPMENT (UNIT NUMBERS)
MAX. BPM 6 BSU6981
S/S EMPLOYEE NUMBER 697028

EMPLOYEES ON JOB (EMPLOYEE NUMBER)
269832
529244

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PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

TIGHT HOLE

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MAY 28 1991
FROM CONFIDENTIAL

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

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PRICE BOOK 07

SIGNED Gerrel Veatch (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10100330	1	Pump Charge	1075.00	E	1075.00
10100335	.35	DEPTH CHARGE	12.00	E	4.20
10109005	70	Pump mileage R/T	1.10	E	77.00
10910509	175	CLASS A RECEIVED	5.30	Q	927.50
10915049	169	A7P STATE CORPORATION	.32	L	52.48
10920195	1.69	BJ Gel MAY 29 1990	6.75	C	11.07
10915082	8.75	Kol-Seal	33.00	C	288.75
10422005	44	Cello-FLAKE CONSERVATION DIVISION Wichita, Kansas	1.27	L	55.88
10428020	9.87	A-10	14.60	C	144.10
10428048	.50	A-9 (KCL)	22.00	C	11.00

SERVICE REPRESENTATIVE Neal Pump

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Gerrel Veatch (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

SERVICE OPERATIONS CONTRACT CONTINUATION



A Baker Hughes company

CONTRACT NO. 610705

DATE OF JOB 04/06/90 DISTRICT MED LODGE

DIST. NO. 3350

AUTHORIZED BY GERRELL VEATCH

CUSTOMER TXO PRODUCTION

ORIGINAL

PRICE BOOK 07

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10990101	325.5	DRAVAGE 9.3 TON X 35 MI	.70	E	227.85
10880001	175	MIXING CHARGE	.95	Q	166.25
109096008	1	FLOAT SHOE 6 1/2	310.00	E	310.00
109096008	1	LATCH DOWN Plug w/Baffle 4 1/2	295.00	E	295.00
109096008	7	CENTRALIZERS 4 1/2	41.75	E	292.25
109096008	2	BASKETS 4 1/2	120.00	E	240.00
					9178.33
					752.10
					3426.23

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RELEASED

MAY 28 1991

FROM CONFIDENTIAL

SERVICE REPRESENTATIVE Neal Russ

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Gerrell Veatch (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

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BJ TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

ORIGINAL

Date 4-6-90 District Mid/Long KS. Ticket No. 610705
Company TXO PRODUCTION RIG LOBO DRILLER
Lease NEWER Well No. B-4
County BAKER State KANS
Location HARTMAN LW-4A-1E INTJ Field AETNA
C 3/2 SW NE 20 T39S R13W

CEMENT DATA:
Spacer Type: 5 Bbls 2% KCL
Amt. 1 Sk. Yield 1 ft^3/sk Density P. 93 PPG

CASING DATA: PTA Squeeze
Surface Intermediate Production Liner
Size 4 1/2 Type ETC Weight 10.5 Collar LONG
Collapse PSI 4010
Internal 1/2" PSI 4790

LEAD: Pump Time hrs. Type CLASS A (6-1-1)
Suffill-5" HAI-STAL/SM-1/2" F/SK Excess
Amt. 175 Sk. Yield 1.44 ft^3/sk Density 14.8 PPG

Casing Depths: Top 893 400' Bottom

TAIL: Pump Time hrs. Type Excess

Amt. Sk. Yield ft^3/sk Density PPG
WATER: Lead 6.3 gals/sk Tail gals/sk Total 26.25 Bbls

Pump Trucks Used BSU 2907-BSU 64M1 MW
Bulk Equip. BSU 2903-BSU 6483 IK

Drill Pipe: Size Weight Collars
Open Hole: Size 7/8 T.D. 5070 ft. P/B to 5035 ft.
SET AT

Float Equip: Manufacturer BAKER
Shoe: Type FIB FILL Depth 5035

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.70
Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5993
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
Bbls/Lin. ft. Lin. ft./Bbl.

Float: Type CATCH DOWN PLUG Depth 4991
Centralizers: Quantity 7 Plugs Top Catch Down Btm.

Perforations: From ft. to ft. Amt.

Stage Collars

Special Equip. 2 - BASKETS

Disp. Fluid Type FRESH H2O Amt. 79.5 Bbls. Weight 8.34 PPG

Mud Type Weight PPG

COMPANY REPRESENTATIVE Gerald Veatch

CEMENTER Neal Rupp

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Table with columns: TIME, PRESSURES PSI, FLUID PUMPED DATA, REMARKS. Includes data for 4:55 to 6:30 with pressure readings and fluid volumes.

FINAL DISP. PRESS. 800 PSI BUMP PLUG TO 1450 PSI BLEEDBACK 150 BBLs

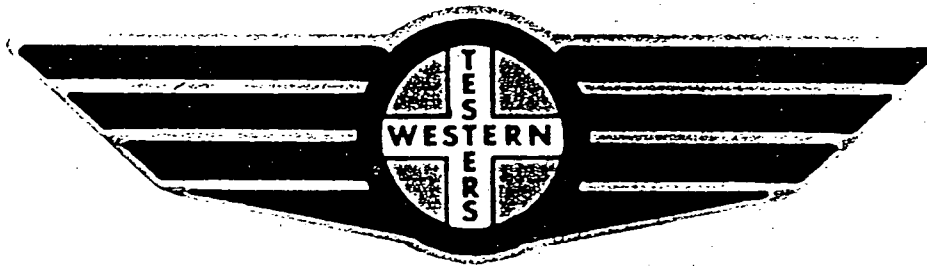
THANK YOU NK

MAY 28 1991

FROM CONFIDENTIAL

ORIGINAL

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY TXO PRODUCTION CORPORATION LEASE & WELL NO. MEYER B #4 SEC. 20 TWP. 34S RGE. 13W TEST NO. 1 DATE 4/2/90

ORIGINAL

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

DATE : 4-2-90
CUSTOMER : TXO PRODUCTION CORPORATION
WELL : #4 TEST: 1
ELEVATION :
SECTION : 20
RANGE : 13W COUNTY : BARBEN
GAUGE SN# : 13552 RANGE : 4050
TICKET : 15888
LEASE : MEYER B
GEOLOGIST : VEATCH
FORMATION : KANSAS CITY
TOWNSHIP : 34S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4585 TO : 4600 TOTAL DEPTH : 4600
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4580 SIZE : 6.63
PACKER DEPTH : 4585 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : LOBO RIG #1
MUD TYPE : CHEMICAL VISCOSITY : 44
WEIGHT : 8.6 WATER LOSS (CC) : 7.2
CHLORIDES (PPM) : 2000
JARS-MAKE : WTC SERIAL NUMBER : 407
DID WELL FLOW ? : YES REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 180 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 480 FT I.D. inch : 3.60
DRILL PIPE LENGTH : 3893 FT I.D. inch : 3.80
TEST TOOL LENGTH : 32 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 15 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST
BLOW COMMENT #2 : GAS TO SURFACE IN 2 MINUTES
BLOW COMMENT #3 : DURING FINAL FLOW PERIOD
BLOW COMMENT #4 :

ORIGINAL

RECOVERED : 30 FT OF: GAS-CUT MUD

Total Barrels Fluid = 0.15
Total Fluid Prod Rate = 2.83 BFPD
Indicated Wtr Rate = 0.03 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:00 P.M.

TIME STARTED OFF BOTTOM : 12:45 P.M.

WELL TEMPERATURE : 122

INITIAL HYDROSTATIC PRESSURE

(A) 2170

INITIAL FLOW PERIOD MIN: 30

(B) 111 PSI TO (C) : 111

INITIAL CLOSED IN PERIOD MIN: 51

(D) 1703

FINAL FLOW PERIOD MIN: 45

(E) 78 PSI TO (F) : 78

FINAL CLOSED IN PERIOD MIN: 93

(G) 1738

FINAL HYDROSTATIC PRESSURE

(H) 2159

ORIGINAL

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : TXO PRODUCTION CORPORATION
RIG : BARBEN-KANSAS
FIELD : MEYER B
WELL : #4
DATE : 4-2-90
GAUGE NO : 13552

OPERATIONAL COMMENTS

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION
 WELL : #4
 GAUGE # : 13552
 DATE : 2/ 4/90

FIELD : MEYER B
 JOB # : 15888
 DEPTH : 4600
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P_{(i-1)}$
INITIAL FLOW PERIOD					
2	9: 0: 0	0.000	111.000	122.00	0.000
3	9: 4: 59	0.083	111.000	122.00	0.000
4	9:10: 0	0.167	111.000	122.00	0.000
5	9:15: 0	0.250	111.000	122.00	0.000
6	9:19: 59	0.333	111.000	122.00	0.000
7	9:25: 0	0.417	111.000	122.00	0.000
8	9:30: 0	0.500	111.000	122.00	0.000
INITIAL SHUT-IN PERIOD					
9	9:33: 0	0.550	331.000	122.00	220.000
10	9:36: 0	0.600	528.000	122.00	197.000
11	9:39: 0	0.650	701.000	122.00	173.000
12	9:42: 0	0.700	857.000	122.00	156.000
13	9:45: 0	0.750	994.000	122.00	137.000
14	9:48: 0	0.800	1121.000	122.00	127.000
15	9:51: 0	0.850	1233.000	122.00	112.000
16	9:54: 0	0.900	1336.000	122.00	103.000
17	9:57: 0	0.950	1423.000	122.00	87.000
18	10: 0: 0	1.000	1490.000	122.00	67.000
19	10: 2: 59	1.050	1542.000	122.00	52.000
20	10: 6: 0	1.100	1589.000	122.00	47.000
21	10: 9: 0	1.150	1620.000	122.00	31.000
22	10:12: 0	1.200	1647.000	122.00	27.000
23	10:15: 0	1.250	1670.000	122.00	23.000
24	10:18: 0	1.300	1685.000	122.00	15.000
25	10:21: 0	1.350	1703.000	122.00	18.000
FINAL FLOW PERIOD					
26	10:22: 0	1.367	78.000	122.00	-1625.000
27	10:25: 59	1.433	78.000	122.00	0.000
28	10:31: 0	1.517	78.000	122.00	0.000
29	10:36: 0	1.600	78.000	122.00	0.000
30	10:40: 59	1.683	78.000	122.00	0.000
31	10:46: 0	1.767	78.000	122.00	0.000
32	10:51: 0	1.850	78.000	122.00	0.000
33	10:55: 59	1.933	78.000	122.00	0.000
34	11: 1: 0	2.017	78.000	122.00	0.000
35	11: 5: 59	2.100	78.000	122.00	0.000
FINAL SHUT-IN PERIOD					
36	11: 8: 59	2.150	306.000	122.00	228.000
37	11:11: 59	2.200	504.000	122.00	198.000
38	11:15: 0	2.250	692.000	122.00	188.000
39	11:18: 0	2.300	864.000	122.00	172.000
40	11:21: 0	2.350	1019.000	122.00	155.000
41	11:23: 59	2.400	1145.000	122.00	126.000
42	11:26: 59	2.450	1243.000	122.00	98.000
43	11:30: 0	2.500	1335.000	122.00	92.000
44	11:33: 0	2.550	1412.000	122.00	77.000
45	11:36: 0	2.600	1469.000	122.00	57.000
46	11:38: 59	2.650	1513.000	122.00	44.000
47	11:41: 59	2.700	1550.000	122.00	37.000
48	11:45: 0	2.750	1582.000	122.00	32.000

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION
WELL : #4
GAUGE # : 13552
DATE : 2/ 4/90

FIELD : MEYER B
JOB # : 15888
DEPTH : 4600
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-i)
49	11:48: 0	2.800	1604.000	122.00	22.000
50	11:51: 0	2.850	1628.000	122.00	24.000
51	11:53:59	2.900	1646.000	122.00	18.000
52	11:56:59	2.950	1656.000	122.00	10.000
53	12: 0: 0	3.000	1668.000	122.00	12.000
54	12: 3: 0	3.050	1681.000	122.00	13.000
55	12: 6: 0	3.100	1690.000	122.00	9.000
56	12:38:59	3.650	1738.000	122.00	48.000

WESTERN TESTING CO. INC.

ORIGINAL

GAS FLOW REPORT

Date : 4-2-90
Customer : TXO PRODUCTION CORPORATION
Well : #4 Test : 1
Elevation (KB) : Formation :
Section : 20 Township : 34S
Range : 13W County : BARBEN State : KANSAS
Gauge SN # : 13552 Range : 4050 Clock : 12

Ticket # : 15888
Lease : MEYER B
Geologist : VEATCH

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW =====

SECOND FLOW =====

5 MIN.	MERLA	1/4	9" OF WTR	5050 C.F.P.D.
15 MIN.	MERLA	1/4	28" OF WTR	8890 C.F.P.D.
25 MIN.	MERLA	1/4	32" OF WTR	9500 C.F.P.D.
35 MIN.	MERLA	1/4	32" OF WTR	9500 C.F.P.D.
45 MIN.	MERLA	1/4	34" OF WTR	9790 C.F.P.D.

Gas Bottle SN # :
Date Bottle Filled : 040290
Date to be Invoiced : 040290

ORIGINAL

FLUID SAMPLE REPORT

Date : 040290 Ticket No. : 15888

Company : TXO PRODUCTION CORPORATION

Well Name & No. : MEYER "B" #4

DST No. 1

County : BARBER State : KS

Sampler No. : 1 Test Interval : 4585 - 4600

Pressure in Sampler 10 PSIG BHT 122 Deg F

Total Volume of Sampler : 3150 cc
Total Volume of Sample : 1400 cc
Oil: cc
Water: cc
Mud: 1400 cc
Gas: 7.59 cu ft
Other: cc

RESISTIVITY

Drilling Mud @ F Chloride Content ppm

Mud Pit Sample .37 @ 62 F Chloride Content 2000 ppm

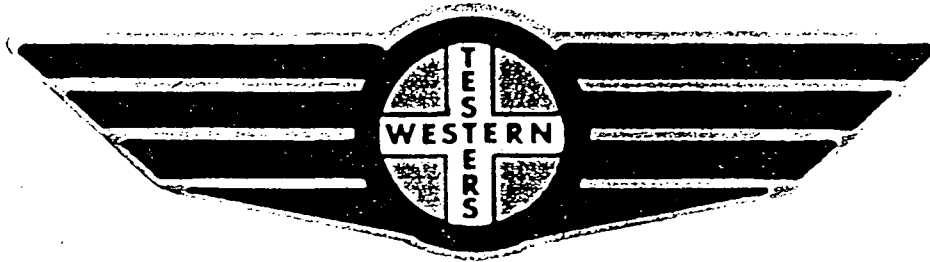
Gas/Oil Ratio Gravity API @ Deg F

Where was sample drained RIG

Remarks:

ORIGINAL

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY _____ TXO PRODUCTION CORPORATION LEASE & WELL NO. _____ MEXER. B. #4 _____ SEC. 20 TWP. 34S. RGE. 13N TEST NO. 2 DATE 4/3/90

ORIGINAL

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

DATE : 4-3-90
CUSTOMER : TXO PRODUCTION CORPORATION
WELL : #4 TEST: 2
ELEVATION :
SECTION : 20
RANGE : 13W COUNTY : BARBER
GAUGE SN# : 13552 RANGE : 4050
TICKET : 15889
LEASE : MEYER B
GEOLOGIST : VEATCH
FORMATION : MISSISSIPPI
TOWNSHIP : 34S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4719 TO : 4753 TOTAL DEPTH : 4753
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4714 SIZE : 6.63
PACKER DEPTH : 4719 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : LOBO RIG #9
MUD TYPE : CHEMICAL VISCOSITY : 47
WEIGHT : 8.8 WATER LOSS (CC) : 6.4
CHLORIDES (PPM) : 3500
JARS-MAKE : WTC SERIAL NUMBER : 407
DID WELL FLOW ? : YES REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 180 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 480 FT I.D. inch : 3.60
DRILL PIPE LENGTH : 4027 FT I.D. inch : 3.80
TEST TOOL LENGTH : 32 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 34 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST
BLOW COMMENT #2 : GAS TO SURFACE IN 1 MINUTE
BLOW COMMENT #3 : DURING FINAL FLOW PERIOD
BLOW COMMENT #4 :

ORIGINAL

RECOVERED : 90 FT OF: GAS-CUT MUD

Total Barrels Fluid = 0.44
Total Fluid Prod Rate = 7.08 BFPD
Indicated Wtr Rate = 0.07 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	7:20 P.M.	TIME STARTED OFF BOTTOM :	11:50 P.M.
WELL TEMPERATURE :	123		
INITIAL HYDROSTATIC PRESSURE		(A)	2294
INITIAL FLOW PERIOD MIN:	30	(B)	114 PSI TO (C) : 114
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1305
FINAL FLOW PERIOD MIN:	60	(E)	115 PSI TO (F) : 115
FINAL CLOSED IN PERIOD MIN:	120	(G)	1525
FINAL HYDROSTATIC PRESSURE		(H)	2262

ORIGINAL

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : TXO PRODUCTION CORPORATION
RIG : BARBER-KANSAS
FIELD : MEYER B
WELL : #4
DATE : 4-3-90
GAUGE "NO : 13552

OPERATIONAL COMMENTS

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION
 WELL : #4
 GAUGE # : 13552
 DATE : 3/ 4/90

FIELD : MEYER B
 JOB # : 15889
 DEPTH : 4753
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	7:20: 0	0.000	114.000	123.00	0.000
3	7:24:59	0.083	114.000	123.00	0.000
4	7:30: 0	0.167	114.000	123.00	0.000
5	7:35: 0	0.250	114.000	123.00	0.000
6	7:39:59	0.333	114.000	123.00	0.000
7	7:45: 0	0.417	114.000	123.00	0.000
8	7:50: 0	0.500	114.000	123.00	0.000
INITIAL SHUT-IN PERIOD					
9	7:53: 0	0.550	117.000	123.00	3.000
10	7:56: 0	0.600	120.000	123.00	3.000
11	7:59: 0	0.650	126.000	123.00	6.000
12	8: 2: 0	0.700	154.000	123.00	28.000
13	8: 5: 0	0.750	190.000	123.00	36.000
14	8: 8: 0	0.800	209.000	123.00	19.000
15	8:11: 0	0.850	245.000	123.00	36.000
16	8:14: 0	0.900	372.000	123.00	127.000
17	8:17: 0	0.950	493.000	123.00	121.000
18	8:20: 0	1.000	612.000	123.00	119.000
19	8:23: 0	1.050	731.000	123.00	119.000
20	8:26: 0	1.100	844.000	123.00	113.000
21	8:29: 0	1.150	942.000	123.00	98.000
22	8:32: 0	1.200	1028.000	123.00	86.000
23	8:35: 0	1.250	1099.000	123.00	71.000
24	8:38: 0	1.300	1156.000	123.00	57.000
25	8:41: 0	1.350	1208.000	123.00	52.000
26	8:44: 0	1.400	1251.000	123.00	43.000
27	8:47: 0	1.450	1283.000	123.00	32.000
28	8:50: 0	1.500	1305.000	123.00	22.000
FINAL FLOW PERIOD					
29	8:51: 0	1.517	115.000	123.00	-1190.000
30	8:54:59	1.583	115.000	123.00	0.000
31	9: 0: 0	1.667	115.000	123.00	0.000
32	9: 5: 0	1.750	115.000	123.00	0.000
33	9: 9:59	1.833	115.000	123.00	0.000
34	9:15: 0	1.917	115.000	123.00	0.000
35	9:20: 0	2.000	115.000	123.00	0.000
36	9:24:59	2.083	115.000	123.00	0.000
37	9:30: 0	2.167	115.000	123.00	0.000
38	9:35: 0	2.250	115.000	123.00	0.000
39	9:39:59	2.333	115.000	123.00	0.000
40	9:45: 0	2.417	115.000	123.00	0.000
41	9:50: 0	2.500	115.000	123.00	0.000
FINAL SHUT-IN PERIOD					
42	9:53: 0	2.550	271.000	123.00	156.000
43	9:56: 0	2.600	462.000	123.00	191.000
44	9:59: 0	2.650	629.000	123.00	167.000
45	10: 2: 0	2.700	782.000	123.00	153.000
46	10: 5: 0	2.750	917.000	123.00	135.000
47	10: 8: 0	2.800	1042.000	123.00	125.000
48	10:11: 0	2.850	1132.000	123.00	90.000

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION FIELD : MEYER B
WELL : #4 JOB # : 15889
GAUGE # : 13552 DEPTH : 4753
DATE : 3/ 4/90 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	10:14: 0	2.900	1207.000	123.00	75.000
50	10:17: 0	2.950	1266.000	123.00	59.000
51	10:20: 0	3.000	1319.000	123.00	53.000
52	10:23: 0	3.050	1359.000	123.00	40.000
53	10:26: 0	3.100	1388.000	123.00	29.000
54	10:29: 0	3.150	1411.000	123.00	23.000
55	10:32: 0	3.200	1432.000	123.00	21.000
56	10:35: 0	3.250	1446.000	123.00	14.000
57	10:38: 0	3.300	1459.000	123.00	13.000
58	10:41: 0	3.350	1470.000	123.00	11.000
59	10:44: 0	3.400	1479.000	123.00	9.000
60	10:47: 0	3.450	1484.000	123.00	5.000
61	10:50: 0	3.500	1490.000	123.00	6.000
62	11:50: 0	4.500	1525.000	123.00	35.000

WESTERN TESTING CO. INC.

ORIGINAL

GAS FLOW REPORT

Date : 4-3-90 Ticket # : 15889
Customer : TXO PRODUCTION CORPORATION Lease : MEYER B
Well : #4 Test : 2 Geologist : VEATCH
Elevation (KB) : Formation : MISSISSIPPI
Section : 20 Township : 34S
Range : 13W County : BARBER State : KANSAS
Gauge SN # : 13552 Range : 4050 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

=====

SECOND FLOW

=====

1 MIN.	MERLA	1/2"		GAS TO SURFACE
5 MIN.	MERLA	1/2"	15" WTR	24500 C.F.P.D.
10 MIN.	MERLA	1/2"	8" WTR	17200 C.F.P.D.
20 MIN.	MERLA	1/2"	8" WTR	17200 C.F.P.D.
30 MIN.	MERLA	1/2"	9" WTR	18800 C.F.P.D.
40 MIN.	MERLA	1/2"	10" WTR	19900 C.F.P.D.
50 MIN.	MERLA	1/2"	11" WTR	20900 C.F.P.D.
60 MIN.	MERLA	1/2"	12" WTR	21900 C.F.P.D.

Gas Bottle SN # :
Date Bottle Filled :
Date to be Invoiced : 4-3-90

ORIGINAL

FLUID SAMPLE REPORT

Date : 4-3-90

Ticket No. : 15889

Company : TXO PRODUCTION CORPORATION

Well Name & No. : MEYER B

DST No. #4

County : BARBER

State : KANSAS

Sampler No. : 1

Test Interval : 4719-4753

Pressure in Sampler 30 PSIG BHT 123 Deg F

Total Volume of Sampler : 3150 cc

Total Volume of Sample : 1100 cc

 Oil: cc

 Water: cc

 Mud: 1100 cc

 Gas: 9.01 cu ft

 Other: cc

RESITIVITY

Drilling Mud @ F Chloride Content ppm

Mud Pit Sample .48 @ 60 F Chloride Content 3500 ppm

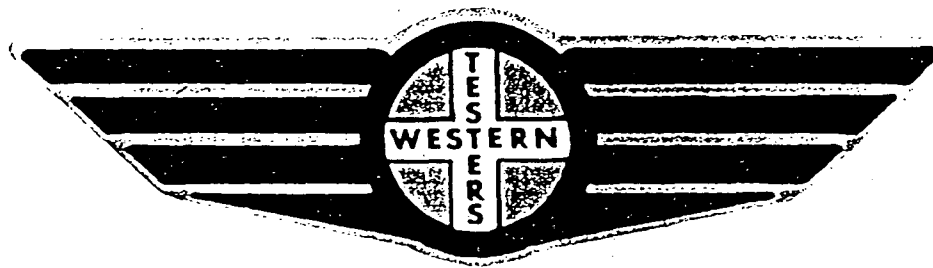
Gas/Oil Ratio Gravity API @ Deg F

Where was sample drained

Remarks:

ORIGINAL

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY TXO PRODUCTION CORPORATION LEASE & WELL NO. MEYER B #4 SEC. 20 TWP. 34S RGE. 13W TEST NO. 3 DATE 4/5/90

ORIGINAL

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

DATE : 4-5-90
CUSTOMER : TXO PRODUCTION CORPORATION
WELL : #4 TEST: 3
ELEVATION :
SECTION : 20
RANGE : 13W COUNTY : BARBER
GAUGE SN# : 13552 RANGE : 4050
TICKET : 15890
LEASE : MEYER B
GEOLOGIST : VEATCH
FORMATION : MISSISSIPPI
TOWNSHIP : 34S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4890 TO : 4950 TOTAL DEPTH : 5070
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4885 SIZE : 6.63
PACKER DEPTH : 4890 SIZE : 6.63
PACKER DEPTH : 4950 SIZE : 6.63
PACKER DEPTH : SIZE :

DRILLING CON. : LOBO RIG #1
MUD TYPE : CHEMICAL VISCOSITY : 47
WEIGHT : 8.8 WATER LOSS (CC) : 6.4
CHLORIDES (PPM) : 3500
JARS-MAKE : WTC SERIAL NUMBER : 407
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 180 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 360 FT I.D. inch : 3.60
DRILL PIPE LENGTH : 4318 FT I.D. inch : 3.80
TEST TOOL LENGTH : 32 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 60 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5FH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK THROUGHOUT
BLOW COMMENT #2 : FINAL FLOW PERIOD WEAK DIED IN 30 MIN.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

ORIGINAL

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : TXO PRODUCTION CORPORATION
RIG : BARBER-KANSAS
FIELD : MEYER B.
WELL : #4
DATE : 4-5-90
GAUGE NO : 13552

OPERATIONAL COMMENTS

120 FT. TAIL PIPE

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION FIELD : MEYER B
 WELL : #4 JOB # : 15890
 GAUGE # : 13552 DEPTH : 5070
 DATE : 5/ 4/90 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	1:10: 0	0.000	124.000	123.00	0.000
3	1:14:59	0.083	124.000	123.00	0.000
4	1:20: 0	0.167	124.000	123.00	0.000
5	1:25: 0	0.250	124.000	123.00	0.000
6	1:29:59	0.333	124.000	123.00	0.000
7	1:35: 0	0.417	124.000	123.00	0.000
8	1:40: 0	0.500	124.000	123.00	0.000
INITIAL SHUT-IN PERIOD					
9	1:43: 0	0.550	124.000	123.00	0.000
10	1:46: 0	0.600	124.000	123.00	0.000
11	1:49: 0	0.650	124.000	123.00	0.000
12	1:52: 0	0.700	124.000	123.00	0.000
13	1:55: 0	0.750	124.000	123.00	0.000
14	1:58: 0	0.800	124.000	123.00	0.000
15	2: 1: 0	0.850	125.000	123.00	1.000
16	2: 4: 0	0.900	127.000	123.00	2.000
17	2: 7: 0	0.950	129.000	123.00	2.000
18	2:10: 0	1.000	134.000	123.00	5.000
19	2:13: 0	1.050	137.000	123.00	3.000
20	2:16: 0	1.100	139.000	123.00	2.000
21	2:19: 0	1.150	141.000	123.00	2.000
22	2:22: 0	1.200	144.000	123.00	3.000
23	2:25: 0	1.250	147.000	123.00	3.000
24	2:28: 0	1.300	150.000	123.00	3.000
25	2:31: 0	1.350	152.000	123.00	2.000
26	2:34: 0	1.400	156.000	123.00	4.000
27	2:37: 0	1.450	158.000	123.00	2.000
28	2:40: 0	1.500	161.000	123.00	3.000
FINAL FLOW PERIOD					
29	2:41: 0	1.517	143.000	123.00	-18.000
30	2:44:59	1.583	143.000	123.00	0.000
31	2:50: 0	1.667	143.000	123.00	0.000
32	2:55: 0	1.750	143.000	123.00	0.000
33	2:59:59	1.833	143.000	123.00	0.000
34	3: 5: 0	1.917	143.000	123.00	0.000
35	3:10: 0	2.000	143.000	123.00	0.000
36	3:14:59	2.083	143.000	123.00	0.000
37	3:20: 0	2.167	143.000	123.00	0.000
38	3:25: 0	2.250	143.000	123.00	0.000
39	3:29:59	2.333	143.000	123.00	0.000
40	3:35: 0	2.417	143.000	123.00	0.000
41	3:40: 0	2.500	143.000	123.00	0.000
FINAL SHUT-IN PERIOD					
42	3:43: 0	2.550	143.000	123.00	0.000
43	3:46: 0	2.600	143.000	123.00	0.000
44	3:49: 0	2.650	143.000	123.00	0.000
45	3:52: 0	2.700	143.000	123.00	0.000
46	3:55: 0	2.750	143.000	123.00	0.000
47	3:58: 0	2.800	143.000	123.00	0.000
48	4: 1: 0	2.850	143.000	123.00	0.000

ORIGINAL

COMPANY : TXO PRODUCTION CORPORATION FIELD : MEYER B
 WELL : #4 JOB # : 15890
 GAUGE # : 13552 DEPTH : 5070
 DATE : 5/ 4/90 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	4: 4: 0	2.900	143.000	123.00	0.000
50	4: 7: 0	2.950	143.000	123.00	0.000
51	4:10: 0	3.000	143.000	123.00	0.000
52	4:13: 0	3.050	143.000	123.00	0.000
53	4:16: 0	3.100	143.000	123.00	0.000
54	4:19: 0	3.150	143.000	123.00	0.000
55	4:22: 0	3.200	143.000	123.00	0.000
56	4:25: 0	3.250	143.000	123.00	0.000
57	4:28: 0	3.300	143.000	123.00	0.000
58	4:31: 0	3.350	143.000	123.00	0.000
59	4:34: 0	3.400	143.000	123.00	0.000
60	4:37: 0	3.450	143.000	123.00	0.000
61	4:40: 0	3.500	144.000	123.00	1.000
62	4:43: 0	3.550	145.000	123.00	1.000
63	4:46: 0	3.600	146.000	123.00	1.000
64	4:49: 0	3.650	147.000	123.00	1.000
65	4:52: 0	3.700	148.000	123.00	1.000
66	4:55: 0	3.750	149.000	123.00	1.000
67	4:58: 0	3.800	150.000	123.00	1.000
68	5: 1: 0	3.850	152.000	123.00	2.000
69	5: 4: 0	3.900	154.000	123.00	2.000
70	5: 7: 0	3.950	156.000	123.00	2.000
71	5:10: 0	4.000	158.000	123.00	2.000
72	5:13: 0	4.050	159.000	123.00	1.000
73	5:16: 0	4.100	160.000	123.00	1.000
74	5:19: 0	4.150	161.000	123.00	1.000
75	5:22: 0	4.200	162.000	123.00	1.000
76	5:25: 0	4.250	163.000	123.00	1.000
77	5:28: 0	4.300	164.000	123.00	1.000
78	5:31: 0	4.350	165.000	123.00	1.000
79	5:34: 0	4.400	166.000	123.00	1.000

WESTERN TESTING CO. INC.

ORIGINAL

FLUID SAMPLE REPORT

Date : 4-5-90 Ticket No. : 15890

Company : TXO PRODUCTION CORPORATION

Well Name & No. : MEYER B #4

DST No. # 3

County : BARBER State : KANSAS

Sampler No. : 1 Test Interval : 4890-4950

=====

Pressure in Sampler 25 PSIG BHT 123 Deg F

Total Volume of Sampler : 3150 cc
Total Volume of Sample : 1800 cc
Oil: cc
Water: cc
Mud: 1800 cc
Gas: 5.91 cu ft
Other: cc

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RESITIVITY

Drilling Mud @ F Chloride Content ppm
Mud Fil Sample .34 @ 60 F Chloride Content 4000 ppm
Gas/Oil Ratio Gravity API @ Deg F

Where was sample drained

Remarks: