

ORIGINAL

SIDE ONE

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

Operator: License # 04755
 Name: Toklan Oil Corporation
 Address 2310 MID-CONTINENT TOWER
401 SOUTH BOSTON AVE.
 City/State/Zip Tulsa, Oklahoma 74103
 Purchaser: none
 Operator Contact Person: Robert B. Shindhelm
 Phone (918) 582-5400
 Contractor: Name: Sage Drilling Company
 License: 05421
 Wellsite Geologist: Reyne Johnson

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc)

If ~~OLD~~ old well info as follows:
 Operator: _____

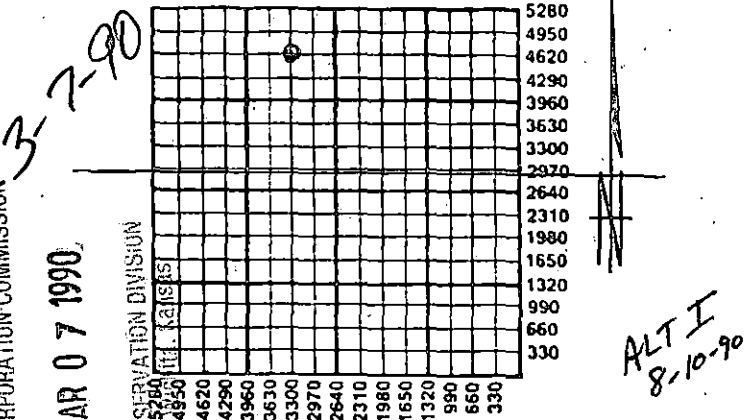
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

12/10/89 12/22/89 12/28/89
 Spud Date Date Reached TD Completion Date

API NO. 15- 119-20800-00-00
 County Meade County
 (C-Lot 3) Irregular Section East
C NE NW Sec. 17 Twp. 35 Rge. 26 West
1383 Ft. North from Southeast Corner of Section
3294 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)
 Lease Name Myrtle Mathews Well # 1
 Field Name Unknown
 Producing Formation Dry hole
 Elevation: Ground 2241 KB 2256
 Total Depth 6613 PBD Surface



Amount of Surface Pipe Set and Cemented at 1314 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 [Signature]
 Title Production Manager Date March 5, 1990
 Subscribed and sworn to before me this 5 day of March
1990
 Notary Public [Signature]
 Date Commission Expires 3-13-90

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)

03-07-1990

PI 70

SIDE TWO

ORIGINAL

Operator Name Toklan Oil Corporation Lease Name Myrtle Mathews Well # 1

Sec. 17 Twp. 35 Rge. 26 East West
County Meade

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.)

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
Lansing	4550	
Marmaton	5272	

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	28	1316	Class H	1460	1/4# SkFlo Cele 3% CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production none Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Comingled
 Other (Specify) P & A

Production Interval



Sage Drilling Co., Inc.

202 SOUTH ST. FRANCIS
WICHITA, KANSAS 67202
316/263-6139

ORIGINAL

**** DRILLERS LOG ****

Myrtle Mathews #1
Sec. 17-35S-R26W
Tulsa, OK 74103

8-5/8" at 1316'
W/510sx lt.
1/4 #Flo Seal
2%CC, 200sx
Class H, 250 sx
Class H, 3%CC
500sx Class H
3%CC, 500sx
Class H 3%CC

Operator: Toklan Oil Corporation

Contractor: Sage Drilling Co.

Commenced: 12/10/89

Completed: 12/28/89

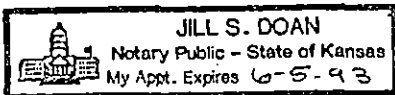
RTD 6610'

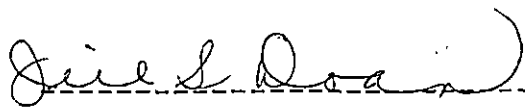
FORMATION:	FROM	TO	REMARKS:
Red Bed	0'	2440'	
Shale	2440'	2960'	
Shale/Lime	2960'	6610'	
	6610'		D+A 50sx at 1330' 40sx at 660' 10sx at 40'

I certify that this is a true and correct copy of the log on the above well to the best of my knowledge.


Martin F. Huschka
Sr. Vice President

Subscribed and sworn to before me this 4th day of January, 1990.




Jill S. Doan
Notary Public

My Commission Expires: June 5, 1993

RECEIVED
STATE CORPORATION COMMISSION

MAR 07 1990

CONSERVATION DIVISION
Wichita, Kansas

PHONE
315 / 824-7340

DEAN'S TESTERS INC.

ORIGINAL

P. O. BOX 1182
LIBERAL, Ks. 67801

Formation Morrow Type Test Tailpipe Straddle Date Dec. 27, 1989
 Anchor Length and Size 85'; 60' X 6" OD-D.C., 25' X 4 1/2" OD-Perf. Total Depth 6613'
 Packer Depths 6055' & 6060' Below Straddle 6145' Choke Size Bottom 5/8" Surface 1/4"
 Equipment Run 3 Packers, Jars, Sample Chamber, Straddle Assembly, Sfty. jnt., Circ. sub.

Lengths: Tool 586' D. P. 5962' ID 3.9" Wt. P. ID D. C. 89' ID 2.25"
 Mud Type Chemical Vis. 53 Wt. 8.9 Wtr. Loss 7.6 Cl. 3500 ppm

Recorders:
 Depth 6073' Make Kuster Cap. 6500 Ser. No. 10269 Inside
 Depth 6079' Make Kuster Cap. 6800 Ser. No. 10217 Outside
 Depth 6153' Make Kuster Cap. 6450 Ser. No. 10268 Below Straddle

Pressures:

Tool on Bottom @ <u>5:30 A.M.</u>	Initial Hydrostatic <u>2900</u> psi
Initial Flow <u>33</u> Min.	IFP <u>90</u> psi to <u>77</u> psi
Initial Shut-In <u>60</u> Min.	ISIP <u>687</u> psi
Final Flow <u>60</u> Min.	FFP <u>64</u> psi to <u>61</u> psi
Final Shut-In <u>120</u> Min.	FSIP <u>861</u> psi
Tool off Bottom @ <u>10:00 A.M.</u>	Final Hydrostatic <u>2855</u> psi Temp. <u>129</u>

Blow: Strong throughout test.

Recovery: 2000' Gas in pipe.
90' Slightly Gas Cut Mud.

Gas Flow:

Sampler Data:

Pressure 36 PSI
 Gas 0.05 cu. ft.
 Total Fluid 1400 cc
 Oil --- cc
 Water --- cc
 Mud 1400 3800 PPM Cl. cc
 Oil Gravity _____ @ _____ °F.
 Gas/Oil Ratio _____

Remarks:

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 MAR 07 1990
 WICHITA, KANSAS

Tester Butch Young

Witnessed by: R.B. Shindhelm

SEC. 17

TWP. 35S

RGE. 26W

COUNTY Meade

STATE Kansas

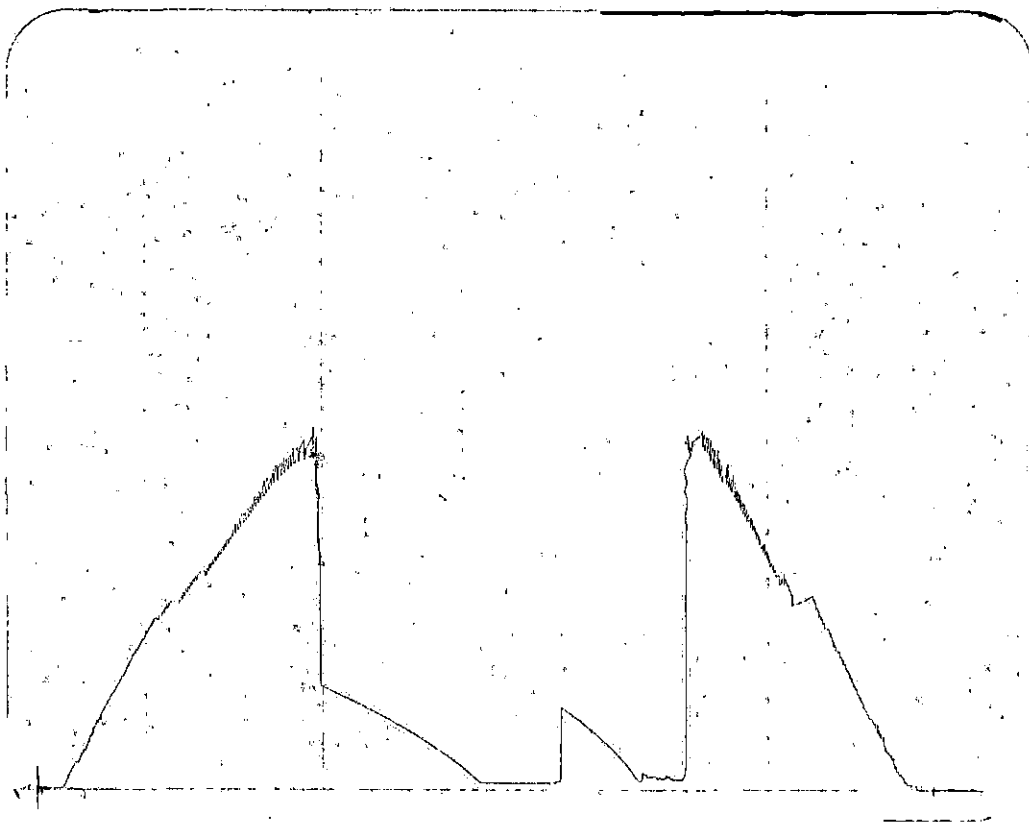
TICKET NO. 2862

Toklan Oil Corp.
OPERATOR

Myrtle Mathews #1
WELL NAME & NO.

TEST #

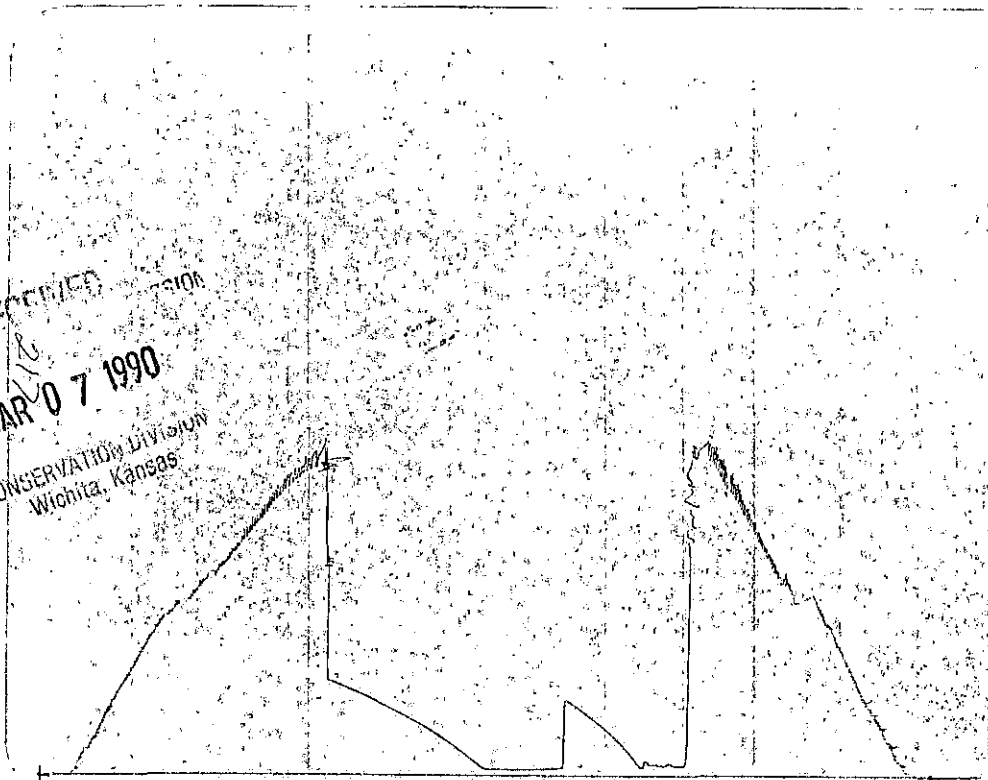
6060' - 6145'
TEST INTERVAL



Initial Hydrostatic _____ 2900 _____ psi
 IFP _____ 90 _____ psi to _____ 77 _____ psi
 ISIP _____ 687 _____ psi
 FFP _____ 64 _____ psi to _____ 61 _____ psi
 FSIP _____ 861 _____ psi
 Final Hydrostatic _____ 2855 _____ psi

ORIGINAL

STATE RECEIVED
 MAR 07 1990
 CONSERVATION Division
 Wichita, Kansas



ORIGINAL

316/624-7340



Box 1182, Liberal, Ks.

Ticket No. 2862

Date 12-27-89

Company Name TOKLAN OIL CORPORATION

Address 2310 MID-CONTINENT BLDG. TOUSA, OK. 74103

Report Distribution: _____ copies 6

Invoice sent to: _____ copies _____

Well Name & No. MYRTLE MATHEWS #1 Sec. 17 Twp. 35S Rge. 26W

County MEADE State KANSAS Elevation _____

DST No. 1 Formation MOAROU Test Interval 6060' to 6145' Total Depth 6613'

Anchor Length 85' Anchor size 6016" P.D.D.C. 2 1/4" O.D. PERE Surface Choke 14" Bot. Choke 5 1/2"

Top Packer Depth 6055' Damaged NO Bottom Packer Depth 6060' Damaged NO

Below Straddle Depth _____ Damaged _____ Bot. Packer Depth 6145' Damaged NO

Recorders: Depth 6073' Make KUSTER Capacity 6500 Ser. No. 10269 Inside 14390

Depth 6079' Make KUSTER Capacity 6800 Ser. No. 10217 Outside 19620

Below Straddle: Depth 6153' Make KUSTER Capacity 6450 Ser. No. 10268

PRESSURES: Tool on Bottom @ 5:30 A.M.	Initial Hydrostatic 2913 psi 2900
Initial Flow 33 30 Min.	IFP 80 ^{Flowing Action} psi to 80 psi 90-77
Initial Shut-in 60 Min.	ISIP 709 psi 687
Final Flow 60 Min.	FFP 64 psi to 64 psi 64-61
Final Shut-in 120 Min.	FSIP 887 psi 861
Tool off Bottom @ 10:00 A.M.	Final Hydrostatic 2897/2855 psi Temp. 129°

Blow STRONG THRUOUT TEST

Recovery 90' SLIGHTLY GAS CUT MUD (2000' GAS IN BRILL PAPER)

Extra Equipment 2 PACKERS, TARS, SERV. Jt., CIRC. SUB, SAMPLER, STRADDLE

Lengths: Tool 586' DP 5962' ID 3.8 Wt.P. ID DC 89' ID 2.25

Mud Type CHEMICAL Vis. 53 Wt. 8.9 WtrLoss 76 Chlorides 3500 PPM

Drig. Cont. SAGE Big #5 Jnt. Size: DC 1 1/2" DP 1 1/2" STATE CORPORATION

Remarks: MUD IN ANNULUS FALLING THRUOUT TEST

MAR 07 1990

Company Terms: Dean's Testers shall not be liable for damage of any kind to the property of the one for whom a test is run, or for any loss suffered, directly or indirectly, through the use of its equipment or its statements or opinion concerning the results of any test.

Pressure Break Down

ORIGINAL

Test ticket no. 2862 Recorder no. 10269 Capacity 6500 Rec. Depth. 6073'

Initial Flow pressure <u>90</u> to <u>77</u>	Time	Given <u>30</u>	Computed <u>33</u>
Initial Closed in pressure <u>687</u>		<u>60</u>	<u>60</u>
Final Flow pressure <u>64</u> to <u>61</u>		<u>60</u>	<u>60</u>
Final Closed-in pressure <u>861</u>		<u>120</u>	<u>120</u>
Initial Hydrostatic pressure <u>2900</u>	Final Hydrostatic press. <u>2855</u>	Temp <u>129</u>	

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	--	0	77	0	--	0	61
5	90	3		5	64	3	
10	90	6	141	10	61	6	109
15	93	9		15	61	9	
20	91	12	235	20	61	12	164
25	--	15		25	61	15	
33 30	77	18	306	30	61	18	219
35		21		35	61	21	
40		24	370	40	61	24	267
45		27		45	61	27	
50		30	432	50	61	30	316
55		33		55	61	33	
60		36	490	60	61	36	358
65		39		65		39	
70		42	545	70		42	403
75		45		75		45	
80		48	593	80		48	445
85		51		85		51	
90		54	641	90		54	483
95		57		95		57	
100		60	687	100		60	522
105		63		105		63	
110		66		110		66	558
115		69		115		69	
120		72		120		72	596
		75		125		75	
		78		130		78	629
		81		135		81	
		84		140		84	667
		87		145		87	
		90		150		90	700
		93		155		93	
		96		160		96	732
		99		165		99	
		102		170		102	764
		105		175		105	
		108		180		108	796
		111				111	
		114				114	825
		117				117	
		120				120	861

RECEIVED
 MAR 07 1990
 CONSERVATION DIVISION
 WICHITA, KANSAS

BJ-TITAN SERVICES COMPANY

ORIGINAL

VC ORIGINAL
INVOICE DATE
 12/12/89

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. Z4037
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TOKLAN OIL CORPORATION
 2310 MID-CONTINENT TOWER
 401 S. BOSTON
 TULSA

OK 74103

AUTHORIZED BY 542419

PURCH. ORDER REF. NO.

WELL NUMBER : 1-17

CUSTOMER NUMBER : 09484000

LEASE NAME AND NUMBER MYRTLE MATHEWS	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME PERRYTON	DISTR. NO. 3345
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 12/12/89	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
0100305	1.00	CEMENTING CASING 300 TO 1500 F	395.00		395.00
0100310	1016.00	PLUS PER FOOT BELOW 300 FT.	0.40		406.40
0410504	434.00	CLASS A	6.92	CF	3,003.28
0415048	77.00	CALCIUM CHLORIDE, FLAKE	3.44	SK	264.88
0415038	14.00	A-5 SALT	11.00	CW	154.00
0415048	5.00	CALCIUM CHLORIDE, FLAKE	25.75	SK	128.75
0420110	510.00	BJ-TITAN GEL, BENTONITE, 5% TH	0.74	CF	377.40
0422009	178.00	CELLOFLAKE	1.21	LB	215.38
0410505	950.00	CLASS H CEMENT	6.46	CF	6,137.00
0430536	1.00	8-5/8" TOP RUBBER PLUG	100.00	EA	100.00
0909910	1.00	8-5/8" GUIDE SHOE	213.00		213.00
0909910	3.00	8-5/8" CENTRALIZERS	57.75		173.25
0909910	1.00	8-5/8" AUTO FILL INSERT FLOAT	246.00		246.00
0909910	1.00	8-5/8" STOP RING	20.00		20.00
0109005	90.00	MILEAGE CHRG, FROM NEAREST BAS	1.10		99.00
0940101	3867.00	DRAYAGE, PER TON MILE	0.70		2,706.90

ACCOUNT

RECEIVED
 STATE COMMISSION
MAR 07 1990
 CONSERVATION DIVISION
 WICHITA, KANSAS

EXEMPTION STATUS:

BJ-TITAN SERVICES COMPANY

ORIGINAL

ORIGINAL

INVOICE DATE
12/12/89

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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TOKLAN OIL CORPORATION
2310 MID-CONTINENT TOWER
401 S. BOSTON
TULSA

OK 74103

AUTHORIZED BY
542419

PURCH. ORDER REF. NO.

WELL NUMBER : 1-17

CUSTOMER NUMBER : 09484000

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
MYRTLE MATHEWS	15			PERRYTON	3345
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		12/12/89	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
0880001	1964.00	MIXING SERVICE CHRG. DRY MATERIA	0.95		1,865.80
0909910	✓ 1.00	8-5/8" CEMENT BASKET	161.00		161.00
0101805	5.00	OUTSIDE JOBS AFTER CASING JOB	415.00		2,075.00
0410520	✓ 243.00	CLASS C CEMENT	6.75	CF	1,640.25
0415048	20.00	CALCIUM CHLORIDE, FLAKE	25.75	SK	515.00
0410505	150.00	CLASS H CEMENT	6.46	CF	969.00
0422008	40.00	CELLOFLAKE	1.21	LB	48.40
0420110	220.00	BJ-TITAN GEL, BENTONITE, 5% TH	0.74	CF	162.80
0928350	140.00	WHEN 1" PIPE IS SUPPLIED BY BJ	2.50		350.00
0415048	✓ 76.00	CALCIUM CHLORIDE, FLAKE	3.44	SK	261.44
SUBTOTAL					22,688.93
DISCOUNT					5,899.12

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JAN 8 1990
STATE COMMISSION
MAR 07 1990

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX	16789.81 16789.81	713.57 167.88
LEASE <u>Myrtle Mathews #1</u> ACCOUNT NO. <u>910-010</u>		ENTERED 1-15-90	

EXEMPTION STATUS: PAY THIS AMOUNT → 17,671.24



INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
876736	12/28/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MYRTLE MATTHEWS 1		MEADE		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		SAGE DRLG #5		PLUG TO ABANDON		12/28/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
892850	VIRGIL SHAWN			COMPANY TRUCK		88091

TOKLAN OIL CORP
2310 MID-CONTINENT BLDG.
TULSA, OK 74103

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	55	MI	2.20	121.00 *
009-019	PLUGGING BK SPOT CEMENT OR MUD	1367	FT	821.80	1122.80 *
504-043	PREMIUM CEMENT	75	SK	6.85	513.75 *
506-105	POZMIX A	50	SK	3.91	195.50 *
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	4	SK	13.00	52.00 *
500-207	BULK SERVICE CHARGE	125	CFT	.95	118.75 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	484.288	TMI	.70	339.00 *
INVOICE SUBTOTAL					2,161.80
DISCOUNT-(BID)					389.11-
INVOICE BID AMOUNT					1,772.69
*-KANSAS STATE SALES TAX					75.33
*-SEWARD COUNTY SALES TAX					17.72
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,865.74

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.