

FORM MUST BE TYPED

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 # 31881
Name: McGinness Oil Company of KS, Inc.
Address 150 N. Main - Suite 1026
City/State/Zip Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Douglas H. McGinness
Phone (316) 267-6065
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Douglas McGinness
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas EHHR S16V
 Dry Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry, old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Comingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
07-03-97 07-08-97 07-09-97
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22539 0000
County Barber County, Kansas
SE -NW -NW - Sec. 7 Twp. 31 Rge. 12 XX^E_W
4290 Feet from S/W (circle one) Line of Section
4290 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Clarke Well # 1
Field Name Nurse
Producing Formation Lower Douglas Sst.
Elevation: Ground 1671' KB 1684'
Total Depth 3800' PBTD 4650'
Amount of Surface Pipe Set and Cemented at 273' 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 cnt.
Drilling Fluid Management Plan Att. 1, 4-10-98 etc.
(Data must be collected from the Reserve Pit)
Chloride content 6000 ppm Fluid volume 320 bbls
Dewatering method used Hauled Off
Location of fluid disposal if hauled offsite: _____
Operator Name Oil Producers of Kansas, Inc.
Lease Name Watson #2 License No. 8061
SW/4 Quarter Sec. 8 Twp. 29S S Rng. 15W E/W
County Pratt Docket No. D-24324

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 Douglas H. McGinness
Title CEO Date 10-1-97
Subscribed and sworn to before me this 1st day of October
19 97
Notary Public Donna L. Jepsersen
Date Commission Expires February 7, 2000

DONNA L. JEPSERSEN
Notary Public - State of Kansas
MY ABST. EXPIRES 2/7/2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 XCC SWD/Rep NGPA
 XGS Plug Other
(Specify)

ORIGINAL

SIDE TWO

Operator Name McGinness Oil Company of KS, Inc - Lease Name Clarke Well # 1

Sec. 7 Twp. 31S Rge. 12 East County Barber County, Kansas West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	1854	(-170)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Onaga	2625	(-941)
List All E.Logs Run:		Indian Cave	2638	(-954)
<i>Dual Induction, Dual Comp Per,</i>		Wabunsee	2681	(-997)
<i>Acoustic Cement Bond</i>		Stotler	2818	(-1134)
		Howard	3051	(-1367)
		Topeka	3252	(-1468)
		LeCompton	3420	(-1736)
		Heelner	3562	(-1878)
		Upper Douglas Sand	3613	(-1929)
		Lower Douglas Sand	3694	(-2010)
		Lansing	3747	(-2063)
		TD	3801	(-2117)

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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"	20#	273'	60/40 Poz	165	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	3797'	50/50 Poz	165	10%salt 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3695'-3699'	150 gal. 10% NSA acid	3700

TUBING RECORD	Size 2 3/8	Set At 3695	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
9/19/97				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
			300	1.67

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 3695-
3699'

Douglas H. McGinness
PETROLEUM GEOLOGIST
Res. (316) 838-8070

MCGINNESS & MCGINNESS
CONSULTING GEOLOGISTS
150 N. MAIN • SUITE 1026
WICHITA, KANSAS 67202
(316) 267-6065 • FAX (316) 269-2517

Douglas H. McGinness, II
PETROLEUM GEOLOGIST
Res. (316) 687-4873

ORIGINAL

Completion Report

CLARKE #1
SE NW NW of 7-31S-12W
Barber County, Kansas

15-007-22539

Commenced: 7/3/97
Completed: 7/9/97
8 5/8" at 273' with 165 sacks
4 1/2" at 3797' with 165 sacks

All tops and zones of porosity and staining were measured from kelly bushing-1684' KB. A 1 foot drilling time log and 20 foot samples were kept from 1800' to RTD. Samples were examined from 1800' to RTD. Log Tech ran an open hole survey at total depth.

Electric Log Tops		Sample Tops
Chase	1854' (-170')	1852' (-168')
Onaga	2625' (-941')	2622' (-938')
Indian Cave Sd	2638' (-954')	2636' (-952')
Wabaunsee	2681' (-997')	2679' (-995')
Stotler	2818' (-1134')	2816' (-1132')
Howard	3051' (-1367')	3047' (-1363')
Topeka	3252' (-1468')	3248' (-1564')
LeCompton	3420' (-1736')	3417' (-1733')
Heebner	3562' (-1878')	3560' (-1876')
Upper Dg. Sd.	3613' (-1929')	3605' (-1921')
Lower Dg. Sd.	3694' (-2010')	3691' (-2007')
Lansing	3747' (-2063')	3745' (-2061')
RTD	3801' (-2117')	3800' (-2061')


KANSAS RECEIVED
1997 OCT -2 P 12:14
KANSAS CORP COMIT

ORIGINAL

DST #1: 3688'-3698', ISIP 1296 psi, FSIP 1299 psi, IFP 170-182 psi, FFP 182-192 psi, time intervals, 15-30-30-60; First open, GTS/3", 5" 320 MCFG, 10" 429 MCFG, 15" 531 MCFG, Second open, 918 MCFG stabilized in 20". Recovered 50' SWCM, 12% water, 88% mud, 6000 chl. 4000 system, probably filtrates. Temp 117; 918 MCFGPD final stabilized volume.

Structurally, the #1 Clarke was low to the control well, Robba's Clarke #1-7, located approximately C NW NW of Section 7-31S-12W. A build up in the Lower Douglas Sand Section resulted in favorable results on DST #1. It was recommended that production casing be set on bottom to further evaluate the Lower Douglas Sand from 3695' to 3699'. Prior to abandonment the Upper Douglas Sand should be perforated from 3619'-3629' and stimulated with acid to enhance gas production. The Topeka Zone which produces gas in the #1 Gress well, located to the northeast was encountered structurally 19' lower, therefore, not tested even though gas bubbles were observed in the samples when the limestone was mashed.

Respectfully submitted,


Douglas H. McGinness
Petroleum Geologist

RECEIVED
KANSAS CORP CORN
1997 OCT -2 12:14

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-1007-22539

Test Ticket

ORIGINAL

No. 10057

Well Name & No. <u>CLARK #1</u>	Test No. <u>1</u>	Date <u>7-8-77</u>
Company <u>McCANNES OIL Co. OF KS.</u>	Zone Tested <u>DOUGLAS</u>	
Address <u>30 N. MAIN STITE 1026 / WICHITA KS 67207</u>	Elevation <u>1684</u> KB <u>1671</u> GL	
Co. Rep / Geo. <u>DOUGLAS McCANNES Cont. Duke Drlg. #7</u>	Est. Ft. of Pay <u>6</u>	Por. <u> </u> %
Location: Sec. <u>7</u> Twp. <u>31S</u> Rge. <u>12W</u>	Co. <u>BARBER</u>	State <u>KS.</u>
No. of Copies <u>3</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u>
	Evaluation (Y, N) <u> </u>	

Interval Tested <u>3688 - 3698'</u>	Initial Str Wt./Lbs. <u>52,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length <u>10'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>56,000</u>
Top Packer Depth <u>3683'</u>	Tool Weight <u>2100</u> #	
Bottom Packer Depth <u>3688'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>3698'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>185'</u>
Mud Wt. <u>9.2</u> LCM <u>3#</u> Vis. <u>42</u> WL <u>10.4 c.c.</u>	Drill Pipe Size <u>4 1/2" x .4</u>	Ft. Run <u>3489'</u>
Blow Description <u>IF: Strong below. Bitum of bucket in 5 sec.</u>		
<u>G.T.S. in 3 mins (see gas volume report) ISI: No below.</u>		
<u>FF: Strong below. (see gas volume report)</u>		
<u>ESI: Very weak below.</u>		

Recovery — Total Feet <u>50</u>	GIP <u>Yes</u>	Ft. in DC <u>50</u>	Ft. in DP <u> </u>
Rec. <u>50</u> Feet Of <u>S.W.C.M.</u>	%gas	%oil	%water <u>88</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud

BHT 117 °F Gravity N/A °API @ °F Corrected Gravity N/A °API

RW 3.05 @ 88 °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud <u>1784</u> PSI	Recorder No. <u>13788</u>	T-Started <u>0615</u>
(B) First Initial Flow Pressure <u>80</u> PSI	(depth) <u>3695'</u>	T-Open <u>0759</u>
(C) First Final Flow Pressure <u>182</u> PSI	Recorder No. <u>10248</u>	T-Pulled <u>1016</u>
(D) Initial Shut-in Pressure <u>1296</u> PSI	(depth) <u>3690'</u>	T-Out <u>1155</u>
(E) Second Initial Flow Pressure <u>171</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure <u>205</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure <u>1299</u> PSI	Initial Opening <u>15</u>	Test <input checked="" type="checkbox"/>
(H) Final Hydrostatic Mud <u>1756</u> PSI	Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/>
	Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/>
	Final Shut-in <u>60</u>	Straddle <u> </u>
	<u>4</u>	Circ. Sub <u> </u>
		Sampler <u> </u>
		Extra Packer <u> </u>
		Elect. Rec. <u> </u>
		Other <u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Our Representative [Signature]

TOTAL PRICE \$

I.A.S. RECEIVED
OIL-2
D.P.P. CO. INC.

ALLIED CEMENTING CO., INC.

6244

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

ORIGINAL

DATE <u>7-3-97</u>	SEC. <u>7</u>	TWP. <u>31.5</u>	RANGE <u>12w</u>	CALLED OUT <u>11:00 pm</u>	ON LOCATION <u>12:15 AM</u>	JOB START <u>3:35 AM</u>	JOB FINISH <u>4:00 AM</u>
LEASE <u>Clarke</u>	WELL# <u>1</u>	LOCATION <u>Mingona Corner 3 1/2 N, 3/4 5/8 E</u>			COUNTY <u>Barber</u>	STATE <u>Kansas</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Rig 7

TYPE OF JOB Surface

HOLE SIZE 12 1/4 - 7 3/8 T.D. 1000

CASING SIZE 8 3/8 DEPTH 272

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 200 MINIMUM 100

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 feet

PERFS. _____

OWNER Mc Guinness Oil of Kansas

CEMENT

AMOUNT ORDERED 165 sx 60:40:2 gel + 32 cc.

COMMON <u>A</u>	<u>99</u>	@ <u>6.10</u>	<u>603.90</u>
POZMIX	<u>66</u>	@ <u>3.15</u>	<u>207.90</u>
GEL	<u>3</u>	@ <u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@ <u>28.00</u>	<u>140.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>165</u>	@ <u>1.05</u>	<u>173.25</u>
MILEAGE	<u>165 x 10 MINIMUM</u>		<u>80.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding

237 HELPER Stanc Winser

BULK TRUCK

242 DRIVER Rendie Landwehr

BULK TRUCK

_____ DRIVER _____

TOTAL \$1233.55

REMARKS:

SERVICE

Break circulation w/ Rig pump

Pump 165 sx 60:40:2 gel + 32 cc

stop pumps - Release plug

Displace with 16 3/4 Bbls Freshwater

Cement Did Circulate

DEPTH OF JOB	<u>272'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>10</u>	@ <u>2.85</u>	<u>28.50</u>
PLUG TWP	<u>298"</u>	@ <u>45.00</u>	<u>45.00</u>
		@	
		@	

TOTAL \$518.50

CHARGE TO: Mc Guinness Oil of Kansas

STREET 1025 Union Center Bldg.

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

1-Basket	@ <u>200.00</u>	<u>200.00</u>
	@	
	@	
	@	
	@	

TOTAL \$200.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Renee [Signature]

TAX _____

TOTAL CHARGE \$1952.05

DISCOUNT \$292.80 IF PAID IN 30 DAYS

NET \$1659.25

RECEIVED
KANSAS CORP COMM
OCT 2 12 1997

Well User ID:	Clarke	Pumper:	Greg MacDonald	Spud Date:	7/2/97
Well Name :	#1-Clarke	Field:	Nurse	Comp. Date :	
Location:	SW NW NW 7 / 31S / 12W	District:	Pratt Anticline	Property Type:	O&G
County:	BARBER, KS	Prospect:	Clarke	Status:	AC
API Code:	15-007-225390000	G.L. :	1671		
Operator:	McGinness Oil Co	K.B.:	1684		
		T.D. Drilled :	3800		

ORIGINAL

Completions Detail Report

Date	Activity	Remarks
9/10/97		Moved in Clarke Corp., rigged up double triple, hauled tubing from Cargill Lease, hauled swab tank from Hall lease to Clarke. Shut down for night.
9/11/97		Run casing swab, swabbed down to 3700', rigged up Halliburton. spot 150 gallons 10% NSA acid. Run in with HLS vanngun on tubing. Zeroed gun with logging truck. Drop bar and perforated Douglas Sand Zone from 3695' to 3699', 4 shots per foot, 350 psi TP, 375 psi CP in 5". Open well to tank, 16/64" choke, venting 1,100 MCFGPD with 680 psi TP and 850 psi CP. Unloaded less than 2 barrels of acid load. Shut down for night.
9/12/97		1100 psi CP, tubing head leaking slightly so reading is not accurate. Released Clarke Corp. Will commence laying line and hook up to Gress gas line on Monday.
9/19/97		Open to sales line at 1:00 p.m., FTP 850 psi, FCP 1000 psi, F/327 MCFG.
9/20/97		Froze off 12 hours. FTP 850 psi, FCP 1175 psi, F/327 MCFG.
9/21/97		FTP 800 psi, FCP 1000 psi, F/339 MCFG.
9/22/97		FTP 840 psi, FCP 1050 psi, F/340 MCFG.
9/23/97		FTP 840 psi, FCP 1050 psi, F/310 MCFG.
9/24/97		FTP 800 psi, FCP 1050 psi, F/300-340 MCFG. We are using CAT to haul water truck in and out.
9/25/97		FTP 780 psi, FCP 1100 psi, F/179 MCFG. Opened choke, closed back down, F/330 MCFG.
9/26/97		FTP 785 psi, FCP 1010 psi, F/339 MCFG, 1.67 BW
9/27/97		FTP 780 psi, FCP 1020 psi, F/297 MCFG, 1.67 BW
9/28/97		FTP 780 psi, FCP 1080 psi, F/310 MCFG, 1.67 BW

RECEIVED
 MCGINNESS OIL CO. INC.
 1997 OCT - 2 P 11:14

Well Perforation History

Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
9/11/97	Douglas Sand Zone		3695	3699	4	

Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
8.75	20	API	Maverick	Surface	New	272.95	259.95
Cement Description: 165 sacks 60/40 pozmix.							
4.5	10.5	API	J55	Production	Used	3797	0
Cement Description: 165 sacks 50/50 pozmix, 2% CaCl, 3% gel.							

TICKET #	219295	TICKET DATE	7-9-97
REGION	North America	NWA/COUNTRY	USA
MBU ID / EMP #	G1622	EMPLOYEE NAME	TOSSA S. 311
LOCATION	Pratt	COMPANY	MIC CHESS OIL CO.
TICKET AMOUNT		WELL TYPE	OR
WELL LOCATION	W. Pk. Lodge ks	DEPARTMENT	CMT
LEASE / WELL #	Chalk 7	SEC / TWP / RNG	7-31S-12W
BDA / STATE	KS	PSL DEPARTMENT	CMT
CUSTOMER REP / PHONE		API / UWI #	1500722535000
JOB PURPOSE CODE	035	ORIGINAL	

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
T. S. G1622	5	C. R. K. C9997	5	T. S. C. 17211	5		

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	09:30							Called out
	09:50							on loc w/ Flat Equip.
								Rig Laying down Collars
								Conduct 510c INEST Fillup and 6110E ST 13.57'
								CENTRALIZERS on ST 1-2-4-8
	08:30							START Csg
	10:21							Csg on Bottom
	10:30							Hook up to well
	10:40					500		CIRCUIT
1	11:03	6	20					START Per Plus HCS
			35					
	11:12		35					START MIXING CMT
		2	2					Plug in Hole
	11:17		5					Plug R Hole
	11:22							START CMT Down Hole
	11:30		35			700		FINISHED MIXING CMT
								SHUT DOWN
								CLEAR LINES
	11:32							RELEASE Plug
	11:35	7				200		START Dsg 1
		6	40			350		
		4	56			500		
		4	60			700		
	11:45		60			1100		Plug closed
	11:45							Plug down
								RELEASE Hole
	11:50							WASH up
								Rack up
	12:30							OFF loc

RECEIVED
 1 AUG 1997
 11:21 AM
 11:21 AM

THANKS
 C. R. K. HYDEN
 TOOB
 CEDRIC
 T.S.



Halliburton Energy Services

ORIGINAL

DATE: 07-08-1997

TIME: 21:29:10

SERVICE TICKET: 219295

PRATT-25555

BULK TICKET ONLY: 100030

JOB PURPOSE: LONG STRING

15-007-22539

COMPANY TRUCK: 7488 DRIVER: T.J. CLAYPOOL

CUSTOMER: MCGINNESS OIL CO.

LEASE & WELL#: CLARKE #1

504-130	POZMIX-A CEMENT	190	SKS.	7.69 8.14	1461.10 0.00
507-775	HALAD-322	67	LBS.	7.70	515.90
509-968	W/W SALT	850	LBS.	0.17	144.50
508-291	GILSONITE	825	LBS.	0.50	412.50
500-207	SERVICE CHARGES	220	CU FT	1.55	341.00
					TOTAL 2875.00

500-306 WEIGHT: 17706 MILES: 35 TON MILES: 309.86 1.18 365.63
 TOTAL BOOK PRICE OF BULK TICKET: \$ 3240.63
3270.63

500-225 RETURN SERVICE CHARGES _____ CU FT 1.55 _____

500-306 WEIGHT: _____ RETURN MILES: 35 TON MILES: _____ 1.18 _____

RECEIVED
KANSAS CORP
1997 OCT - 2 P 12:14



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-P

28

CHARGE TO: **MCGINNESS OIL Co.**

ADDRESS: **KANSAS CITY, MO**

CITY, STATE, ZIP CODE: **KANSAS CITY, MO 64107**

CUSTOMER COPY

TICKET

No.:

219245 - 4

PAGE 1 OF 2

1. SERVICE LOCATIONS 1. KANSAS 25555	2. WELL/PROJECT NO. H9	3. LEASE Chick	4. COUNTY/PARISH Barber	5. STATE Ks	6. CITY/OFFSHORE LOCATION	7. DATE 7-9-57	8. OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	3. NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4. CONTRACTOR Duke	5. RIG NAME/NO. 17	6. SHIPPED Y.T	7. DELIVERED TO WILLSTL	8. ORDER NO.	
3. WELL TYPE 02	4. WELL CATEGORY 01	5. JOB PURPOSE 035	6. WELL PERMIT NO. 15007225350000	7. WELL LOCATION 7-315-12W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		U/M	U/M			
000-117		1			MILEAGE ROUND TRIP TEL #52509	70	MILE	3	20	229 -
000-119		1			CREW MILEAGE	70	MILE	1.95	50	136 -
001-010		1			PUMP CHARGE 1000T	6	MMS	3731	FT	1311 -
12A	825-201	1			GUIDE SHOE	1	EA	95		95 -
24A	815-19101	1			INJECT FLOW VALVE	1	EA	100		100 -
27	815-19113	1			FILL UP ASSY.	1	EA	52		52 -
019-241		1			ROTATING HEAD	1	EA	130		130 -
40	806-60009	1			CENTRALIZER	4	EA	56		224 -
030-016		1			TOP Plug SW	1	EA	50		50 -
013-317		1			SUPER FLUSH	12	SETS	112		1344 -
013-303		1			Chy-Fix II	7	QUIL	30	50	213 50

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	4293	50
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION (PAGE(S))
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?						
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
DATE SIGNED	TIME SIGNED	ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	2539	13
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection) <input type="checkbox"/> Not offered		TREE CONNECTION						
		TYPE VALVE						
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) M. McGINNESS	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER Todd S. [Signature]	EMP # 61007	HALLIBURTON APPROVAL <i>[Signature]</i>
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TRILOBITE TESTING L.L.C.

OPERATOR: McGinness Oil Company
 WELL NAME: Clarke #1
 LOCATION: 7-31S-12W Barber KS
 INTERVAL: 3688.00 To 3698.00 ft

DATE 7/8/97

KB 1684.00 ft TICKET NO: 10057 DST #1
 GR 1671.00 ft FORMATION: Douglas
 TD 3698.00 ft TEST TYPE: CONV

RECORDER DATA

Field	1	2	3	4	TIME DATA-----
Mins	10248	10248	13788		PF Fr. 0759 to 0814 hr
15 Rec.					IS Fr. 0814 to 0844 hr
30 Range (Psi)	4400.0	4400.0	0.0	0.0	SF Fr. 0844 to 0914 hr
30 Clock (hrs)	12 hr	12 hr	12 hr		FS Fr. 0914 to 1014 hr
60 Depth (ft)	3690.0	3690.0	3695.0	0.0	

Field	1	2	3	4		
A. Init Hydro	1784.0	1810.0	0.0	0.0	0.0	T STARTED 0615 hr
B. First Flow	80.0	88.0	0.0	0.0	0.0	T ON BOTM 0745 hr
C. Final Flow	182.0	189.0	0.0	0.0	0.0	T OPEN 0759 hr
D. In Shut-in	1296.0	1302.0	0.0	0.0	0.0	T PULLED 1014 hr
E. Init Flow	171.0	188.0	0.0	0.0	0.0	T OUT 1155 hr
F. Final Flow	205.0	216.0	0.0	0.0	0.0	
G. Fl Shut-in	1299.0	1294.0	0.0	0.0	0.0	
H. Final Hydro	1756.0	1801.0	0.0	0.0	0.0	
I. Inside/Outside	I	I	O			

RECOVERY

Tot Fluid 50.00 ft of 50.00 ft in DC and 0.00 ft in DP
 50.00 ft of Slight Water Cut Mud
 0.00 ft of 12%water 88%mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW 3.05 @ 88F
 SALINITY 6000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong Blow, bottom of bucket in 5 sec
 Gas to Surface in 3 mins
 (SEE GAS VOLUME REPORT)

Initial Shut In:

No Blow

Final Flow:

Strong blow, (SEE REPORT)

Final Shut In:

Very weak blow

SAMPLES:

SENT TO:

TOOL DATA-----

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	56000.00 lbs
Initial Str Wt	52000.00 lbs
Unseated Str Wt	52000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	185.00 ft
D.P. Length	3489.00 ft

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/
Vis.	42.00 S/I
W.L.	10.40 in ³
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Doug McGinness
Contr.	Duke drilling
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10057

Well Name & No. CLARKE #1 Test No. 1 Date 7-8-97
Company McGONNESS OIL CO. OF KS. Zone Tested DOUGLAS
Address 50 N. MAIN ST. 1026 / WICHITA KS 67207 Elevation 1694 KB 1671 GL
Co. Rep / Geo. DOUGLAS MCGONNESS Cont. DORIS DZLG. #7 Est. Ft. of Pay 6 Por. %
Location: Sec. 7 Twp. 31S Rge. 12W Co. BARBER State KS.
No. of Copies 3 Distribution Sheet (Y, N) N Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3688 - 3698' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 52,000
Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 56,000
Top Packer Depth 3693' Tool Weight 2100 #
Bottom Packer Depth 3688' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 3698' Wt. Pipe Run None Drill Collar Run 185'
Mud Wt. 9.2 LCM 3# Vis. 42 WL 10.4cc. Drill Pipe Size 4 1/2" x 14 Ft. Run 3,489'
Blow Description IF: Strong below. Bottom of bucket in 5 secs.
G.T.S. in 3 mins (see gas volume report) ISI: No below
FF: Strong below (see gas volume report)
FSI: Very fine below.

Recovery — Total Feet 50 GIP yes Ft. in DC 50 Ft. in DP

Rec.	Feet Of	%gas	%oil	%water	%mud
<u>50</u>	<u>S.W.C.M.</u>			<u>12</u>	<u>88</u>

BHT 117 °F Gravity N/A °API @ °F Corrected Gravity N/A °API
RW 3.05 @ 88 °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

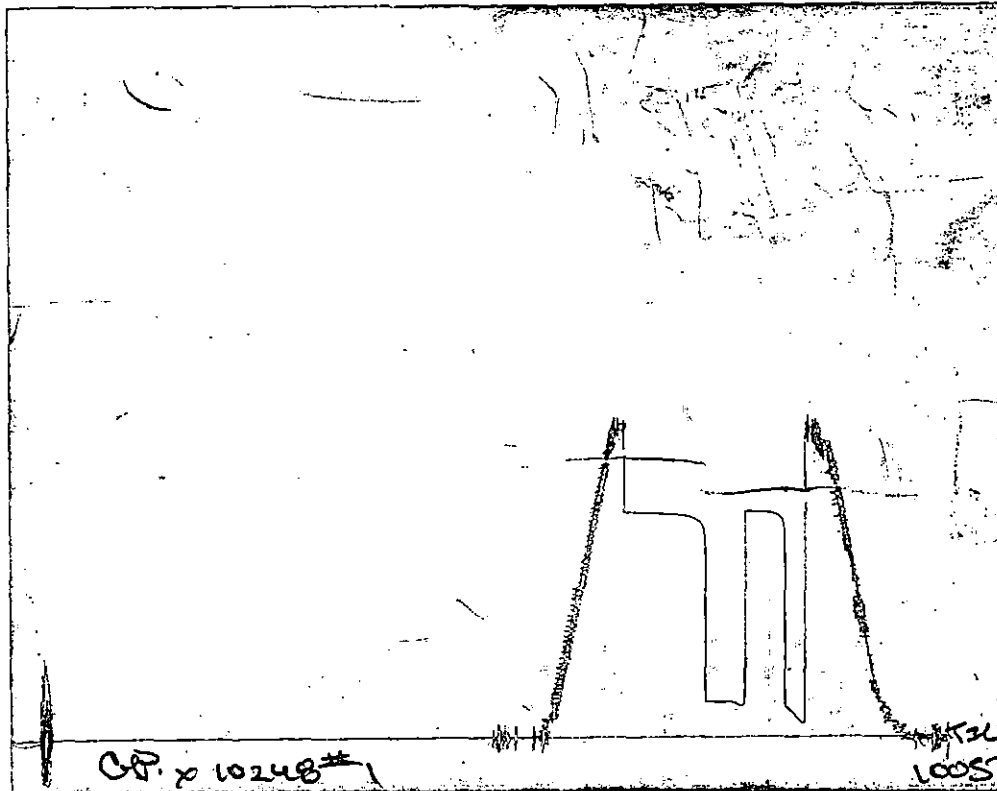
(A) Initial Hydrostatic Mud 1784 PSI Recorder No. 13788 T-Started 0615
(B) First Initial Flow Pressure 80 PSI (depth) 3695' T-Open 0759
(C) First Final Flow Pressure 182 PSI Recorder No. 10248 T-Pulled 1016
(D) Initial Shut-in Pressure 1296 PSI (depth) 3690' T-Out 1155
(E) Second Initial Flow Pressure 171 PSI Recorder No.
(F) Second Final Flow Pressure 205 PSI (depth)
(G) Final Shut-in Pressure 1299 PSI Initial Opening 15 Test ✓ 600
(H) Final Hydrostatic Mud 1786 PSI Initial Shut-in 30 Jars ✓ 200
Final Flow 30 Safety Joint ✓ 50
Final Shut-in 60 Straddle
Circ. Sub
Sampler
Extra Packer
Elect. Rec.
Other

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
Our Representative [Signature]

TOTAL PRICE \$ ✓ 850.00

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

GAS RECOVERY

COMPANY: McGinness Oil Company

DATE: 7/8/97

WELL NAME: Clarke #1

KB Elev: 1684.00 ft TICKET #10057 DST #1

WELL LOCATION: 7-31S-12W Barber KS

GR Elev: 1671.00 ft FORMATION: Douglas

INTERVAL Fr.: 3688.00 To 3698.00 T.D.: 3698.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
3	0.75	0	0	0.0
5	0.50	48	0	326000.0
10	0.50	68	0	429000.0
15	0.50	88	0	532000.0

TRIL OBIITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-1007-22539

Test Ticket

ORIGINAL

10057

Well Name & No. CLARK #1 Test No. 1 Date 7-8-77
 Company McGOWESS OIL CO. OF KS. Zone Tested DOUGLAS
 Address 150 N. MAIN ST. 1026 / WICHITA, KS 67207 Elevation 1694 KB 1671 GL
 Co. Rep / Geo. DOUGLAS MCGOWESS Cont. Duke DRLG. #7 Est. Ft. of Pay 6 Por. %
 Location: Sec. 7 Twp. 31 S Rge. 12 W Co. BARBER State KS.
 No. of Copies 3 Distribution Sheet (Y, N) N Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3688 - 3698' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 52,000
 Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 56,000
 Top Packer Depth 3693' Tool Weight 2100 #
 Bottom Packer Depth 3688' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3698' Wt. Pipe Run None Drill Collar Run 185'

Mud Wt. 9.2 LCM 3# Vis. 42 WL 10.4 cc. Drill Pipe Size 4 1/2" x .14 Ft. Run 3489
 Blow Description IF: Strong below. Blow up bucket in 5 secs.
G.T.S. in 3 mins (see gas volume report) ISI: No below.
FF: Strong below. (see gas volume report)
ESI: Very weak below.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>50</u>	<u>Yes</u>	<u>50</u>	<u>2</u>
Rec. <u>50</u> Feet Of <u>S.W.C.M.</u>	%gas	%oil	<u>12</u> %water <u>88</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud

BHT 117 °F Gravity N/A °API @ °F Corrected Gravity N/A °API
 RW 3.05 @ 88 °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud 1784 PSI Recorder No. 13788 T-Started 0615
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 (F) Second Final Flow Pressure 205 PSI (depth)
 (G) Final Shut-In Pressure 1299 PSI Initial Opening 15 Test
 (H) Final Hydrostatic Mud 1756 PSI Initial Shut-In 30 Jars
 Final Flow 30 Safety Joint
 Final Shut-In 60 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elect. Rec.
 Other

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Approved By [Signature]
 Our Representative [Signature]

TOTAL PRICE \$
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 TRIL OBIITE TESTING L.L.C.

Douglas H. McGinness
PETROLEUM GEOLOGIST
Res. (316) 838-8070

MCGINNESS & MCGINNESS
CONSULTING GEOLOGISTS
150 N. MAIN • SUITE 1026
WICHITA, KANSAS 67202
(316) 267-6065 • FAX (316) 269-2517

Douglas H. McGinness, II
PETROLEUM GEOLOGIST
Res. (316) 687-4873

ORIGINAL

Completion Report

CLARKE #1
SE NW NW of 7-31S-12W
Barber County, Kansas

15-007-22539

Commenced: 7/3/97
Completed: 7/9/97
8 5/8" at 273' with 165 sacks
4 1/2" at 3797' with 165 sacks

All tops and zones of porosity and staining were measured from kelly bushing-1684' KB. A 1 foot drilling time log and 20 foot samples were kept from 1800' to RTD. Samples were examined from 1800' to RTD. Log Tech ran an open hole survey at total depth.

Electric Log Tops		Sample Tops
Chase	1854' (-170')	1852' (-168')
Onaga	2625' (-941')	2622' (-938')
Indian Cave Sd	2638' (-954')	2636' (-952')
Wabaunsee	2681' (-997')	2679' (-995')
Stotler	2818' (-1134')	2816' (-1132')
Howard	3051' (-1367')	3047' (-1363')
Topeka	3252' (-1468')	3248' (-1564')
LeCompton	3420' (-1736')	3417' (-1733')
Heebner	3562' (-1878')	3560' (-1876')
Upper Dg. Sd.	3613' (-1929')	3605' (-1921')
Lower Dg. Sd.	3694' (-2010')	3691' (-2007')
Lansing	3747' (-2063')	3745' (-2061')
RTD	3801' (-2117')	3800' (-2061')


KANSAS RECEIVED
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ORIGINAL

DST #1: 3688'-3698', ISIP 1296 psi, FSIP 1299 psi, IFP 170-182 psi, FFP 182-192 psi, time intervals, 15-30-30-60; First open, GTS/3", 5" 320 MCFG, 10" 429 MCFG, 15" 531 MCFG, Second open, 918 MCFG stabilized in 20". Recovered 50' SWCM, 12% water, 88% mud, 6000 chl. 4000 system, probably filtrates. Temp 117; 918 MCFGPD final stabilized volume.

Structurally, the #1 Clarke was low to the control well, Robba's Clarke #1-7, located approximately C NW NW of Section 7-31S-12W. A build up in the Lower Douglas Sand Section resulted in favorable results on DST #1. It was recommended that production casing be set on bottom to further evaluate the Lower Douglas Sand from 3695' to 3699'. Prior to abandonment the Upper Douglas Sand should be perforated from 3619'-3629' and stimulated with acid to enhance gas production. The Topeka Zone which produces gas in the #1 Gress well, located to the northeast was encountered structurally 19' lower, therefore, not tested even though gas bubbles were observed in the samples when the limestone was mashed.

Respectfully submitted,


Douglas H. McGinness
Petroleum Geologist

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KANSAS CORP COMM
1997 OCT -2 12:14