FORM MUST BE TYPED ORIGINAL

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- 007-22583 0000

County Barber County, Kansas

SW - SE - SE - ___ Sec. 8 Twp. 32S Rge. 13 E/W

330' Feet from S/N (circle one) Line of Section

830' 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 Gant/Larson Well # 1

Field Name Brooks South

Producing Formation Mississippi

Elevation: Ground 1692' KB 1701'

Total Depth 4450' PBTD 4500'

Amount of Surface Pipe Set and Cemented at 333.18 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.

Drilling Fluid Management Plan AH.I, 3-8-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content ____ ppm Fluid volume 80/80 bbls

Dewatering method used Hauled off

Location of fluid disposal if hauled offsite:

Operator Name Advantage/Oil Producers

Lease Name Hardy/Watson License No. 6927/8061

H-NE/4 Quarter Sec. 24 Twp. 28S S Rng. 18W E/W

W-SW/4 Quarter Sec. 8 Twp. 29S S Rng. 15W E/W

County Kiowa/Pratt Docket No. D-27,161/D-24,324

Operator: License # 31434

Name: McGinness Oil Company of Kansas

Address 150 N. Main - Suite 1026

City/State/Zip Wichita, Kansas 67202

Purchaser: Kansas Gas Supply

Operator Contact Person: Douglas H. McGinness III

Phone (316) 267-6065

Contractor: Name: Duke Drilling Co Inc

License: 5929

Wellsite Geologist: Douglas H. McGinness III

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Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
X Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ____

Well Name: ____

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

09-11-98 Spud Date
09-19-98 Date Reached TD
09-20-98 Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 ____

Title President Date 3/1/99

Subscribed and sworn to before me this 1st day of March, 19 99.

Notary Public ____

Date Commission Expires 2/7/2000

DONNA L. MAY
Notary Public - State of Kansas
My Appt. Expires 2/7/2000

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

JAN 2 1 '99

SIDE TWO

Operator Name McGinness Oil Co., of Kansas Lease Name Gant/Larson Well # 1

Sec. 8 Twp. 32S Rge. 13 ☐ East ☒ West County Barber County, Kansas

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.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run:
DIL
CNL/CDL

☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Heebner Sh	3717	-2016
Toronto	3722	-2021
Lansing	3898	-2197
Drum Lst	4116	-2415
Miss	4384	-2683
TD	4450	-2749

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"	23#	333.18'	60/40 Poz	200	3%cc 2%gel
Production	7-7/8"	4-1/2"	10#	4449'	ASC	150	5#/sk kolseal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
X Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
2	4381-4393	Acidize w/1100 glas 7 1/2% DSFe; Frac
		36000 gals Delta gel & 60000 lbs 12/20
		sand.

TUBING RECORD Size 2 3/8 Set At 4346 Packer At Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 1/1/99 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5	25	30	5,000:1	30

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 4381-4393'

ALLIED CEMENTING CO., INC. ORIGINAL 9792

Federal Tax I.D.# 48-0727860

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

15-007-22583

SERVICE POINT: Medicine Lodge

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-12-98	8	32S	13W	8:00 Am	10:00 Am	12:30 PM	12:45 PM

LEASE Gant/Larson	WELL # 1	LOCATION Medicine Lodge 8½W on 160,	COUNTY Barber	STATE KS.
OLD OR (NEW) (Circle one)		to Bitter Creek RD. ¾S to Gate ¼W		

CONTRACTOR Duke #4

OWNER McGinness Oil Co. of Ks.

TYPE OF JOB Surface

HOLE SIZE 12¼ T.D.

CASING SIZE 8⅝ x 23# DEPTH 333

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM —

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 Feet

PERFS.

DISPLACEMENT 20.2S

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
#255-265 HELPER Shane Winsor

BULK TRUCK
#259-3/4 DRIVER John Kelley

BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 200 sx 60:40:2+3%cc

COMMON	120	@ 6.35	762.00
POZMIX	80	@ 3.25	260.00
GEL	3	@ 9.50	28.50
CHLORIDE	6	@ 28.00	168.00
		@	
		@	
		@	
		@	
		@	
HANDLING	200	@ 1.05	210.00
MILEAGE	200 x 10	.04	100.00

TOTAL $1528.50

REMARKS:

Pipe on bottom break circulation w/Rig pump 2 BBls Freshwater, Mix + pump 200 sx 60:40:2+3%cc cement in Stop pumps, switch valves + Release plug - Displace w/ 20.25 BBls Freshwater Shut in, Cement Did circulate.

SERVICE

DEPTH OF JOB	333'		
PUMP TRUCK CHARGE	0-300'		470.00
EXTRA FOOTAGE	33'	@ .43	14.19
MILEAGE	10	@ 2.85	28.50
PLUG	wooden 8⅝"	@ 45.00	45.00
		@	
		@	

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TOTAL $557.69

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CONSERVATION DIVISION
Wichita, Kansas

CHARGE TO: McGinness Oil Co. of Ks. Inc.

STREET 150 N. MAIN, #1026

CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

1- Basket		@ 200.00	200.00
		@	
		@	
		@	
		@	

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.

TAX

TOTAL CHARGE $2286.19

DISCOUNT $342.92 IF PAID IN 30 DAYS

NET $1943.27

SIGNATURE Rich Wheeler

Rich Wheeler
PRINTED NAME

ALLIED CEMENTING CO., INC. ORIGINAL

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

9-19-98 | 9-20-98

SERVICE POINT: Ark Bend

DATE 9-20-98	SEC. 8	TWP. 32	RANGE 13	CALLED OUT 9:00 PM	ON LOCATION 2:30AM	JOB START 8:00AM	JOB FINISH 8:53AM
LEASE Hont. Larson	WELL # 1		LOCATION Medlay – 8½W, 3/4S, ½W,			COUNTY Barber	STATE Ks

OLD OR (NEW) (Circle one)

CONTRACTOR Duke #4
TYPE OF JOB Production
HOLE SIZE 7⅞" T.D. 4450'
CASING SIZE 4½" DEPTH 4449'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1200# MINIMUM
MEAS. LINE SHOE JOINT 20'
CEMENT LEFT IN CSG. 20'
~~PERFS~~. Displacement = 70½ bbls

OWNER Same

CEMENT

AMOUNT ORDERED 150 sks ASC 5# Kolseal/sk
15 sks 60/40, 6% Gel
500 gal Mud Clean

COMMON	9	@	6.35	57.15
POZMIX	6	@	3.25	19.50
GEL		@		
CHLORIDE		@		
150 ASC		@	8.20	1230.00
Kol Seal 750#		@	.38	285.00
Mud Clean 500 gal.		@	.75	375.00
		@		
		@		
HANDLING	165	@	1.05	173.25
MILEAGE	10		Min	100.00
		TOTAL		$ 2239.90

EQUIPMENT

PUMP TRUCK	CEMENTER	Tim D.
#255-265	HELPER	Shane W.
BULK TRUCK		
#259-314	DRIVER	James H.
BULK TRUCK		
#	DRIVER	

REMARKS:

Ran 4449' of 4½" csg. Broke circulation
Pumped 500 gal Mud Clean followed by
150 sks ASC-5# Kolseal/sk. Washed line
clean of cement. Displaced plug with
fresh water, landed plug at 1200 #.
Float Held.

Plugged Rathole with 15 sks 60/40 6% Gel

SERVICE

DEPTH OF JOB	4449'			
PUMP TRUCK CHARGE				1145.00
EXTRA FOOTAGE		@		
MILEAGE	10	@	2.85	28.50
PLUG	1-4½ Rubber	@	38.00	38.00
		@		
		@		
		TOTAL		$ 1211.50

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Wichita, Kansas

CHARGE TO: McBirnes Oil Co of Ks
STREET 150 N. Main Suite 1026
CITY Wichita STATE Ks ZIP 67202

Thanks

FLOAT EQUIPMENT

1-4½" Guide Shoe		@	140.00	140.00
1-4½" AFU Insert		@	235.00	235.00
6-4½" centralizers		@	53.00	318.00
		@		
		@		
		TOTAL		$ 693.00

TAX — 0 —
TOTAL CHARGE $ 4144.40
DISCOUNT $ 621.66 IF PAID IN 30 DAYS

Net $ 3522.74

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

15-007-22587 ORIGINAL

 # 1 Gant Larson | **McGinness Oil Co., of KS, Inc.** | **DRILLING REPORT**

Well Name:	*# 1 Gant Larson*	API Code:		Ref Well Name:	TXO #1 Gant C
Location :	SW SE SE 7/32S/13W	Lease Name:	*Gant/Larson*	Ref Well Operator:	TXO
County / State :	BARBER, KS	Field:	Palmer	Ref LOC:	SE SE SE - 8/ 32S/ 13W
GL Level :	1692	Contractor:	Duke Drilling Co.	Reference GL:	1698
KB Level :	1701	Operator:	McGinness Oil Company	Reference KB:	1704

Current Date **02-Apr-99**

Formation Tops

ORIGINAL

			# 1 Gant Larson			
Formation Name	**Ref Well Top**	**Ref Subsea**	**Current Well Top**	**Subsea Datum**	**+\- To Ref Well**	**Comments**
Wabaunse Ls	2852	-1148	2845	-1144	4	
Stotler Lime	2998	-1294	2992	-1291	3	
Elgin Sand Zone	3565	-1861	3593	-1892	-31	No shows
Oread	3653	-1949	3656	-1955	-6	
Heebner	3718	-2014	3717	-2016	-2	-3 to Gant per electric log
Toronto	3720	-2016	3722	-2021	-5	
Douglas Shale	3761	-2057	3765	-2064	-7	
Upper Douglas San	3779	-2075	3789	-2088	-13	No shows
Lansing	3901	-2197	3898	-2197	0	good show, 75 unti gas kick
KC Drum	4117	-2413	4116	-2415	-2	good show
Mississipian Chert	4384	-2680	4384	-2683	-3	
RTD	4500	-2796	4450	-2749	47	

Drilling Report Details

Date	Start Depth	Operation	Remarks
9/11/98	0	Spud	Move in Duke Drilling Rig #4, rig up and spud with 12 1/4" bit at 5:45 p.m. Drill to 334', drop survey and TOH with bit; 1/4 degree deviation at 334', TIH with 7 7/8" bit, drilling rathole ahead to check for potential loss of circulation zones.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0
9/12/98	800	Set Surface Casi	Drilling at 800', continue drilling rathole to 1000', did not loose any fluid; CTCH for 15", drop survey and TOH with bit; 11/4 degree deviation at 1000', start running surface casing. Rig up and run in 8 joints of new, 8 5/8" x 23-ppf casing, tally 321.18'. Strap bottom two joints and spot weld remaining joints; land casing at 332.18'; circulate for 10"; rig up Allied, cement casing with 200 sacks of 60/40 Pozmix cement with 2% gel and 3% CaCl2; cement circulated to surface at 12:45 PM; circulate approximately 40 sacks to the surface. Will let cement cure for 8 hours before drilling ahead.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0
9/13/98	1676	Drilling	Drilling at 1676'.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0
9/14/98	2450	Drilling	Drilling at 2450'.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0
9/15/98	3190	Drilling	Drilling at 3190', had to TOH twice last night to change out drill pipe that was alittle holey. Drilling at 2:00pm at 3295, working on pump.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0
9/16/98	3826	DST #1	Displaced mud system at 3327'. Drilling at 3826' Circulate Lansing C Zone, structural position is good, Running DST #1. Reminder: Lansing is not primary zone.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 43 **M.W. :** 9.1 **Chlorides:**
9/17/98	4116	DST #2	Preparing DST #2 from 4106'-4121', KC Drum
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:**
9/18/98	4240	Drilling	Slope at no shows, drilling towards Hertha.
Daily Mud Details	**$0.00**	**W.L.:** 0	**Vis :** 0 **M.W. :** 0 **Chlorides:** 0

ORIGINAL 15-007-22583 ORIGINAL

 # 1 Gant Larson | **McGinness Oil Co., of KS, Inc.** | **DRILLING REPORT**

Well Name:	*# 1 Gant Larson*	API Code:		Ref Well Name:	TXO #1 Gant C
Location :	SW SE SE 7/32S/13W	Lease Name:	*Gant/Larson*	Ref Well Operator:	TXO
County / State :	BARBER, KS	Field:	Palmer	Ref LOC:	SE SE SE - 8/ 32S/ 13W
GL Level :	1692	Contractor:	Duke Drilling Co.	Reference GL:	1698
KB Level :	1701	Operator:	McGinness Oil Company	Reference KB:	1704

Current Date **02-Apr-99**

9/19/98	4384	DST #3	Ran DST #3 , Ran Rosel Open hole log, log indicated 15' of pay in excess of 30% proxity. Good saturation and standing was evidence in samples. Should make a commericial well with frac treatment..

Daily Mud Details **$0.00** **W.L.:** 0 **Vis :** 0 **M.W. :** 0 **Chlorides:** 0

9/20/98	4450	Set Production C	Ran 138 Jts. used, drifted and tested 4 1/2" x 10.5# casing, (tally 4461.24'), set at 4449 KB, cement with 150 sacks of ASC cement with 5lbs of KOL-SEL. Pump plug down with 1500 psi, released pressure, float held. Released Duke Drilling at 9:00 AM.

Daily Mud Details **$0.00** **W.L.:** 0 **Vis :** 0 **M.W. :** 0 **Chlorides:** 0

Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
8.75	23	API	J55	Surface	New	332.18	321.18
	Cement Description:	200 sacks of 60/40 Pozmix with 2% gel and 3% CaCl2					
4.5	10.5	API	J55	Production	Used	4449	4461.24
	Cement Description:	150 sacks of ASC cement with 5lbs of KOL-SEL					

DRILL STEM TEST RESULTS

DST	Date	Formation	Int Start	Int End	ISIP	FSIP	IFP	FFP	Time Interval
1	9/16/98	Lansing C	3966	3980	892	906	30-51	30-51	*30-45-45-60*
1st Open:	Strong blow b.o.b. in 2 1/4 mins.	**2nd Open:**	Strong blow b.o.b.			**Recovery:**	1100' gas in pipe, 40' SOCMW, 20% oil, 10% water, 70 % mud.		
2	9/17/98	KC Drum	4106	4131	1028	1002	23-60	70-98	*30-30-30-30*
1st Open:	Strong blow off b.o.b. in 1 minute	**2nd Open:**	Fair blow increase to b.o.b. in 15 mins.			**Recovery:**	180' gas in pipe, 60' GCMW; 44% water, 50% mud, 6% gas, 120' SW.		
3	9/19/98	Mississippian Chert	4370	4400	1437	1310			*45-60-60-90*
1st Open:	Gas in 29 mins., flow 200MCF, decreased to 116 in 45 mins.	**2nd Open:**	Flow 116MCF, decreased to 53 in 30 mins, stablized in 40 mins at 57.3 MCF			**Recovery:**	50' mud, plugging indicated in samples cuttings from tool, lost 40' of mud when tool shut in for initial shut in.		

ORIGINAL

# 1 Gant Larson	Completion Report	02-Apr-99

Well User ID:	Gant/Larson		Pumper:	Greg MacDonald	Spud Date:	9/11/98
Well Name :	# 1 Gant Larson		Field:	Palmer	Comp. Date :	
Location:	SW SE SE	7 / 32S / 13W	District:		Property Type:	O&G
County:	BARBER, KS		Prospect:	Gant/Larson	Status:	AC
API Code:			G.L. :	1692		
Operator:	McGinness Oil Co		K.B. :	1701		
			T.D. Drilled :	0		

Completions Detail Report

ORIGINAL

Date	Activity	Remarks
10/19/98		Move in Clarke Corp, Rig #15, rig up, run in tubing and bit to 4300'. Shut down for night.
10/20/98		Finish running in total of 140 jts of tubing and bit. Tag cement at 4405' KB. Drilled and washed down to 4425' KB. Hit top of plug, circulate hole clean, rig up tubing swab, swabbed out approximately 1000' of fluid. TOH with tubing and bit. Rig up Log-Tech. Hit fluid at 1350' down to fluid. Perforate Mississippi from 4381'-4393' with 2s/ft of 32 gram charges, 24 total holes. Rig up casing swab, swab down hole. Had show of gas when well was swabbed down to 1200' of fluid in hole. Swab hole dry, shut down for night.
10/21/98		305 psi casing pressure. Rig up Halliburton, TIH with tubing and PPI treating packer. Circulate acid , had 1 to 2 bbls oil fill up overnight. Acidize perforations with 50 gallons per ft. of 7 1/2% DSFE acid. Total acid volume, 600 gallons. Average treating pressure 650 psi. Retrieve RFC valve and plug. Pull 1 jt of tubing and reset packer at 4377'. Tubing swab on well, had show of gas blow after 3rd swab run. Had show of oil and gas after 4th swab run. Had fair shows of oil and gas after 5th swab run. Will release packer, pull tubing and casing swab rest of hole down.
10/22/98		420 psi casing pressure. Ran swab, 250' oil. Rig up Halliburton, frac well down casing with 36,000 gallons of 25# delta fluid and 60,000 # 12/20 Oklahoma brown sand. 855 bbls total load. Average rate of 18.3 bbls/min. 1350 psi average treating pressure. ISIP, 1485 psi, 15 minute SIP, 682 psi, close well in and wait til tomorrow to swab.
10/23/98		Well on vacuum, run in casing tools, found 10' sand fill up, fluid at 250' down from surface. est. 1780 BHP, make 2 swab runs, rig up sand pump, run 3 times, recovered approximately 3 gallons sand. Well biting a small amount of gas. Run in 138 jts. of tubing and 8' sub. Tubing and approximately 4346', SDNL. Casing prssure up to 17 psi, had good gas blow and show of oil on first tubing swab run., Had total 4 runs, well kicked off flowing, shut int o switch to sub tank from pit and install adjustable chokes. Open well to tanks @ 3:05pm, flowing to tank, 150 psi TP, well cut approximately 10% oil, recovered approximately 90 of 850 bbls load. Flowed back 146 bbls of fluid, 25% oil cut, lack 600 bbls of load. Well "loaded-up", SWIFN.
10/26/98		700 psi SICP; Rig up to run rods & pump. Will pump rest of load back, set gas pac and get a gas test on the well.
10/27/98		Started well.
10/28/98		150 BF, 54 oil, 300 CP.
10/29/98		shut down due to tank room.
10/30/98		Started well.
10/31/98		109 BF, 14 BO, (13%), CP up to 300 psi from 20 psi.
11/1/98		130 BF, 92 BO (71%), 600 psi CP; shut well in due to heavy rains. Will build TB & get gas connection when weather permits.

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Wichita, Kansas

Well Perforation History

Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
10/20/98	Mississippian		4381	4393	2	

Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
8.75	23	API	J55	Surface	New	332.18	321.18

ORIGINAL

# 1 Gant Larson	Completion Report	02-Apr-99

Well User ID:	Gant/Larson		Pumper:	Greg MacDonald	Spud Date:	9/11/98
Well Name :	# 1 Gant Larson		Field:	Palmer	Comp. Date :	
Location:	SW SE SE	7 / 32S / 13W	District:		Property Type:	O&G
County:	BARBER, KS		Prospect:	Gant/Larson	Status:	AC
API Code:			G.L. :	1692		
Operator:	McGinness Oil Co		K.B. :	1701		
			T.D. Drilled :	0		

8.75	23	API	J55	Surface	New	332.18	321.18

Cement Description: 200 sacks of 60/40 Pozmix with 2% gel and 3% CaCl2

4.5	10.5	API	J55	Production	Used	4449	4461.24

Cement Description: 150 sacks of ASC cement with 5lbs of KOL-SEL

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Wichita, Kansas

15-007-22583

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CONSERVATION DIVISION
Wichita, Kansas

WELL NAME: Gant/Larson #1
COMPANY: McGinness Oil Co. of Kansas
LOCATION: 8-32s-13w
Barber County, Kansas
DATE: 9/22/98

TRILOBITE TESTING L.L.C.

OPERATOR : McGinness Oil,co.of Ks. DATE 09/16/199
WELL NAME: Gant/Larson #1 KB 0.00 ft TICKET NO: 11851 DST #1
LOCATION : 8-32s-13w Barber co. KS GR 1692.00 ft FORMATION: Lansing "C"
INTERVAL : 3966.00 To 3980.00 ft TD 3980.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10332	10332	2357		
SI	45	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0
SF	45	Clock(hrs)	12hr.	12hr.	elec.		
FS	60	Depth(ft)	3977.0	3977.0	3972.0	0.0	0.0

TIME DATA----------
PF Fr. 2253 to 2323 hr
IS Fr. 2323 to 0008 hr
SF Fr. 0008 to 0153 hr
FS Fr. 0153 to 0253 hr

	Field	1	2	3	4
A. Init Hydro	1987.0	1994.0	1942.0	0.0	0.0
B. First Flow	30.0	36.0	17.0	0.0	0.0
B1. Final Flow	30.0	36.0	18.0	0.0	0.0
C. In Shut-in	892.0	904.0	906.0	0.0	0.0
D. Init Flow	41.0	45.0	25.0	0.0	0.0
E. Final Flow	51.0	51.0	30.0	0.0	0.0
F. Fl Shut-in	892.0	904.0	901.0	0.0	0.0
G. Final Hydro	1906.0	1903.0	1885.0	0.0	0.0
Inside/Outside	O	o	I		

T STARTED 2038 hr
T ON BOTM 2250 hr
T OPEN 2253 hr
T PULLED 0253 hr
T OUT 0430 hr

RECOVERY
Tot Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
40.00 ft of Slight out cut muddy water
0.00 ft of 20% oil 10% water 70% mud
1100.00 ft of Gas in pipe
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	43000.00 lbs
Unseated Str Wt	43000.00 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	0.00 ft
D.P. Length	3959.00 ft

BLOW DESCRIPTION
Initial Flow:
Strong blow bottom of bucket
in 2 1/2 mins.
Initial Shut-in:
Bled down for 10 mins no blow back
Final Flow:
Strong blow bottom of bucket in
2 mins.
Final Shut-in:
Bled down for 10 mins. no blow back

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	46.00 S/L
W.L.	19.10 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Doug McGinness
Contr.	Duke
Rig #	4
Unit #	none
Pump T.	no

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

ELL.NAME: Gant/Larson #1

OCATION : Sec.8 Twp.32s Rge.13w

CKET No. 11851 D.S.T. No. 1 DATE 09/16/199

OTAL TOOL TO BOTTOM OF TOP PACKERS 22

ITERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 14

OTAL TOOL 36

ILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY .....

.C. ABOVE TOOLS.Stands Single Total

.P. ABOVE TOOLS.Stands63 Single 1 Total 3959

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3995

OTAL DEPTH 3980

OTAL DRILL PIPE ABOVE K.B. 15

EMARKS:

P.O. SUB Top of tool @	3944
C.O. SUB	3945
S.I. TOOL	3950
HMV	3955
JARS	
SAFETY JOINT	3957
PACKER	3961
PACKER	3966
DEPTH 3966	3966
STUBB 1 to	3967
ANCHOR 10'of perfs.to	3977
Alpine rec.@ 3972	
	3977
	3977
T.C.	
DEPTH	
	3977
Ak-1 rec.@ 3977	
BULLNOSE 3'bullnose to	3980
T.D.	

TEST HISTORY

Yk#11851 DST#1 Gant/Larson #1 McGinness Oil,Co.of Ks.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1942.21
B:	0.00	17.15
C:	28.50	18.43
D:	45.50	906.14
E:	0.00	25.18
F:	44.00	30.04
G:	61.50	901.47
Q:	0.00	1885.69

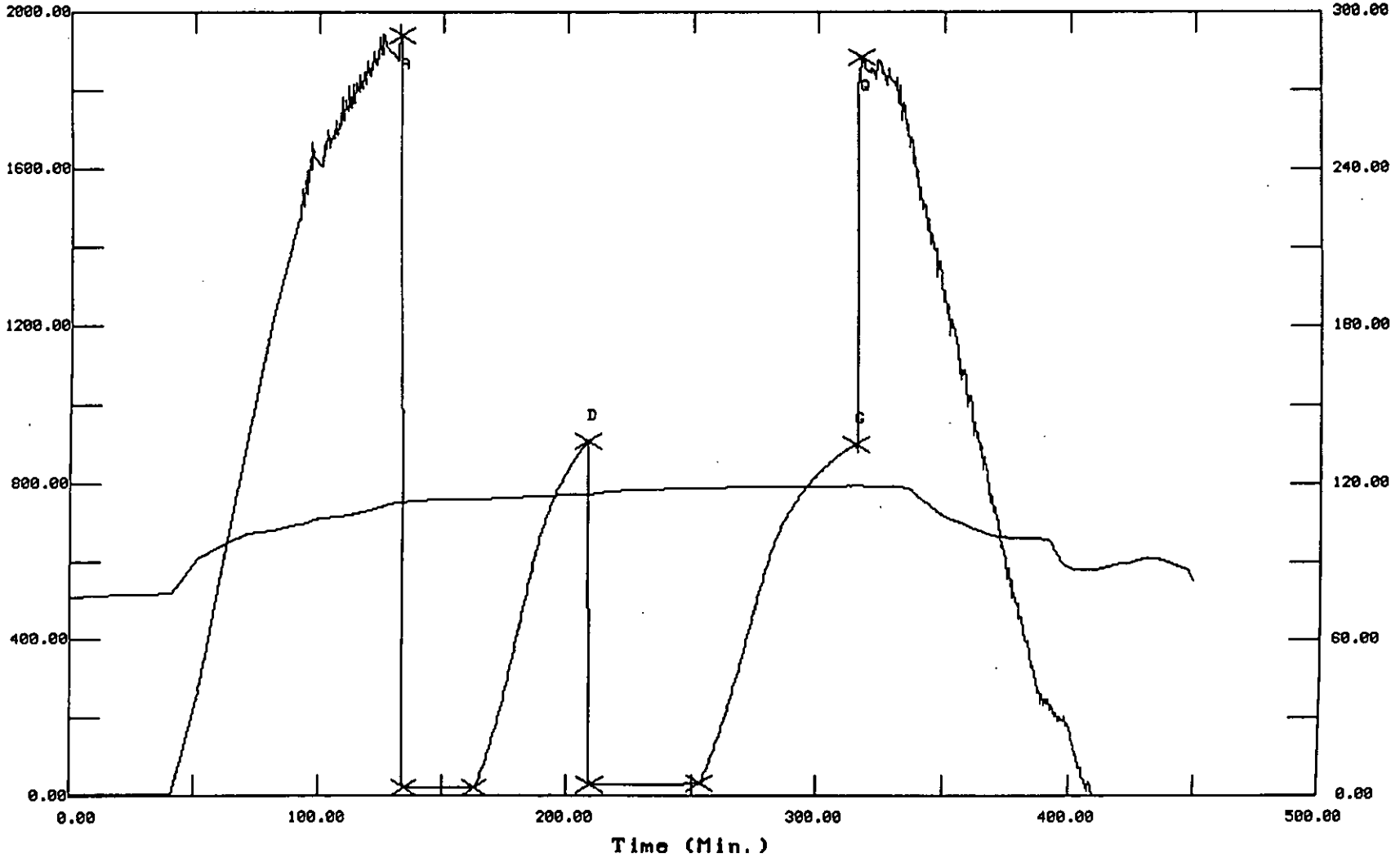
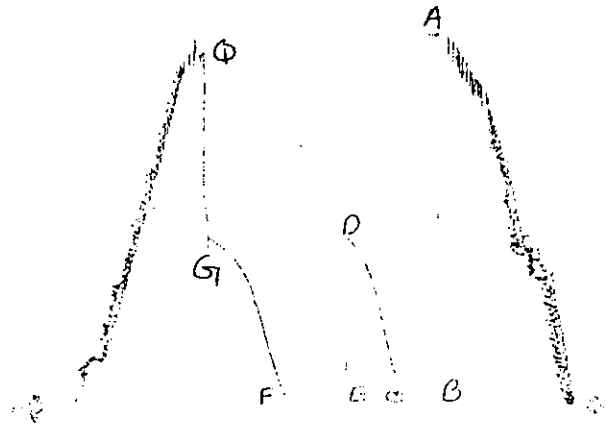


CHART PAGE

10332
DST #1

X



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 11851

Well Name & No. Gant/Larson #1 Test No. #1 Date 09/16/1998

Company McGinness Oil Co. OF Ks, Inc. Zone Tested Lansing "C"

Address Properties Inc, 150 N. Main Suite 1026 Wichita, Ks 67202 Elevation 1701 KB 1692 GL

Co. Rep / Geo. Doug McGinness Cont. Duke #4 Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 8 Twp. 32S Rge. 13W Co. Barber State Ks

No. of Copies 5 Distribution Sheet (Y, N) ___ Turnkey (Y, N) ___ Evaluation (Y, N) ___

Interval Tested 3966' - 3980' Initial Str Wt./Lbs. 43,000 Unseated Str Wt./Lbs. 43,000

Anchor Length 14' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 3961' Tool Weight 2100

Bottom Packer Depth 3966' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 3980' Wt. Pipe Run N/A Drill Collar Run N/A

Mud Wt. 9.1 LCM 0 Vis. 46 WL 19.2 Drill Pipe Size 4½ XH Ft. Run 3959'

Blow Description IF: Strong blow B.O.B in 2 mins 15 sec.
ISI: Bled down for 10 mins
FF: Strong blow B.O.B in 2 mins.
FSI Bled down for 10 mins no BB.

Recovery — Total Feet 40' GIP 1100' Ft. in DC N/A Ft. in DP 40

Rec. 40	Feet Of SOCMW	%gas 20	%oil 10	%water 70	%mud
Rec. 1100	Feet Of GIP	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 120° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 7,000 ppm System

	AK-1	Alpine	
(A) Initial Hydrostatic Mud	1987		PSI
(B) First Initial Flow Pressure	30		PSI
(C) First Final Flow Pressure	30		PSI
(D) Initial Shut-In Pressure	892		PSI
(E) Second Initial Flow Pressure	41		PSI
(F) Second Final Flow Pressure	57		PSI
(G) Final Shut-in Pressure	892		PSI
(Q) Final Hydrostatic Mud	1906		PSI

Recorder No. 2357 T-On Location 19:30:00

(depth) 3972' T-Started 20:38:00

Recorder No. 10332 T-Open 22:53:00

(depth) 3977' T-Pulled 01:53:00

Recorder No. ___ T-Out 03:30:00

(depth) ___ T-Off Location 05:00:00

Initial Opening 30 Test ✓

Initial Shut-in 45 Jars ___

Final Flow 45 Safety Joint ✓

Final Shut-in 60 Straddle ___

Circ. Sub ___

Sampler ___

Extra Packer ___

Elec. Rec. ✓

Mileage ___

Approved By

TRILOBITE TESTING L.L.C.

OPERATOR : McGinness oil,co.of Ks. DATE 09/17/199
WELL NAME: Gant/Larson #1 KB 1701.00 ft TICKET NO: 11852 DST #2
LOCATION : 8 -32s-13w Barber co. KS GR 1692.00 ft FORMATION: Drum
INTERVAL : 4106.00 To 4121.00 ft TD 4121.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10332	10332	2357		
SI	30	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0
SF	30	Clock(hrs)	12hr.	12hr.	elec.		
FS	30	Depth(ft)	4118.0	4118.0	4112.0	0.0	0.0

TIME DATA----------
PF Fr. 1854 to 1924 hr
IS Fr. 1927 to 1957 hr
SF Fr. 1957 to 2027 hr
FS Fr. 2027 to 2057 hr

	Field	1	2	3	4
A. Init Hydro	2038.0	2043.0	2009.0	0.0	0.0
B. First Flow	51.0	60.0	23.0	0.0	0.0
B1. Final Flow	71.0	74.0	60.0	0.0	0.0
C. In Shut-in	1044.0	1024.0	1028.0	0.0	0.0
D. Init Flow	91.0	99.0	70.0	0.0	0.0
E. Final Flow	122.0	119.0	98.0	0.0	0.0
F. Fl Shut-in	994.0	1003.0	1002.0	0.0	0.0
G. Final Hydro	2038.0	2043042.0	2036.0	0.0	0.0
Inside/Outside	O	o	I		

T STARTED 1623 hr
T ON BOTM 1851 hr
T OPEN 1854 hr
T PULLED 2057 hr
T OUT 2245 hr

RECOVERY
Tot Fluid 180.00 ft of 0.00 ft in DC and 180.00 ft in DP
60.00 ft of Slight Gas Cut Muddy Water
0.00 ft of 6% gas 44% water 50% mud
120.00 ft of Salt Water 98% water 2% mud
0.00 ft of Trace of gas in pipe
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 110000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	46000.00 lbs
Unseated Str Wt	48000.00 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	0.00 ft
D.P. Length	4114.00 ft

BLOW DESCRIPTION
Initial Flow:
Strong blow - bottom of bucket in 1 minute

Initial Shutin:
Bled down for 10 minutes
no blow back

Final Flow:
Fair blow - bottom of bucket in 15 minutes

Final Shutin:
Bled down for 10 min. no blow back
SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	49.00 S/L
W.L.	10.00 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Doug McGinness
Contr.	Duke
Rig #	4
Unit #	no
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: Gant/Larson #1

OCATION : Sec.8 Twp.32s Rge.13w

ICKET No. 11852 D.S.T. No. 2 DATE 09/17/199

OTAL TOOL TO BOTTOM OF TOP PACKERS 22

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 15

OTAL TOOL 37

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY .....

.C. ABOVE TOOLS.Stands Single Total

.P. ABOVE TOOLS.Stands66 Single Total 4114

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4151

OTAL DEPTH 4121

OTAL DRILL PIPE ABOVE K.B. 30

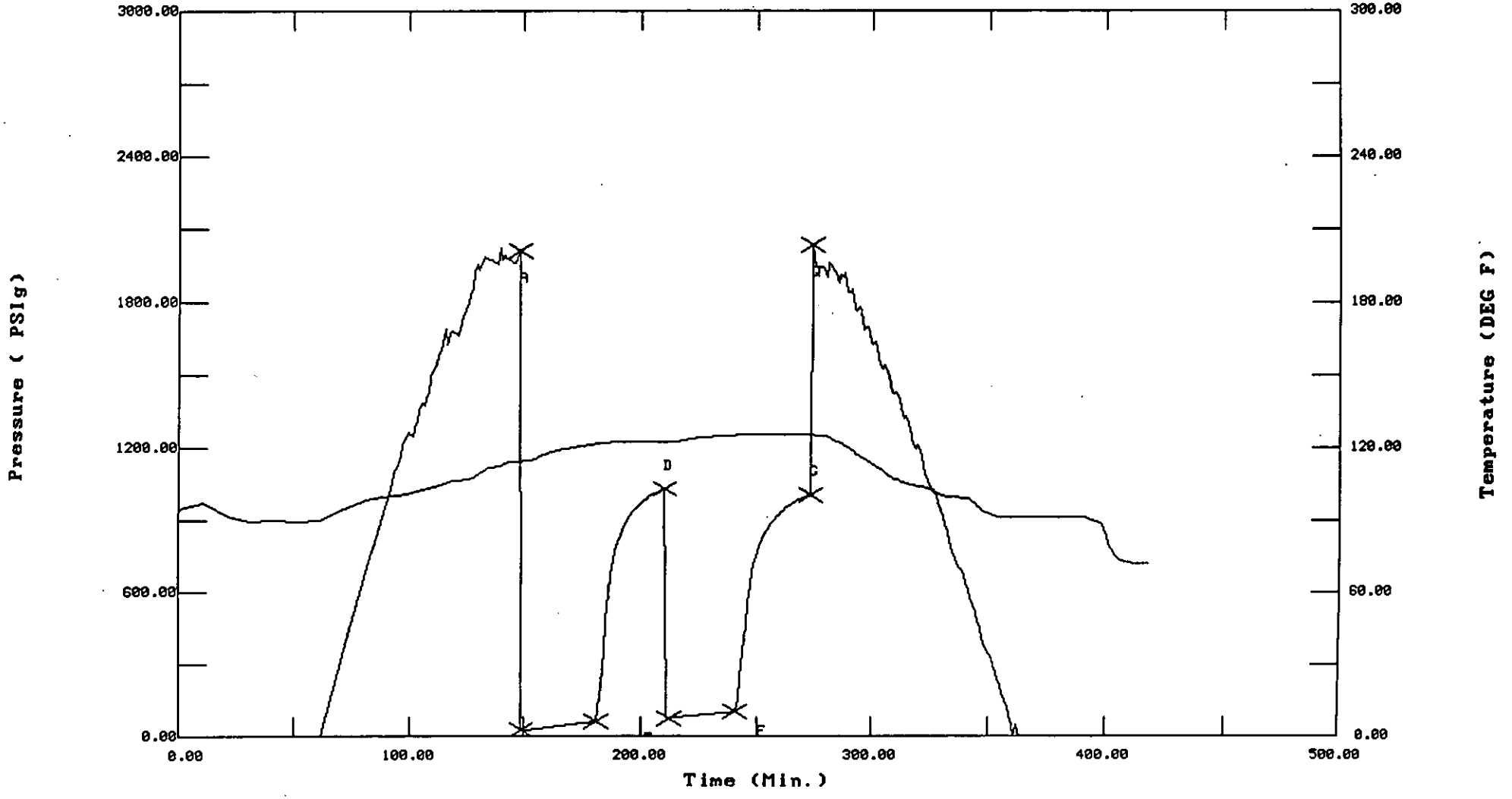
EMARKS:

TEST HISTORY

Tk#11852 DST#2 Gant/Larson#1 McGinness Oil,Co.of Ks.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2009.24
B:	0.00	23.18
C:	32.00	60.45
D:	29.00	1028.00
E:	0.00	69.78
F:	29.00	97.78
G:	32.00	1001.93
Q:	0.00	2035.69



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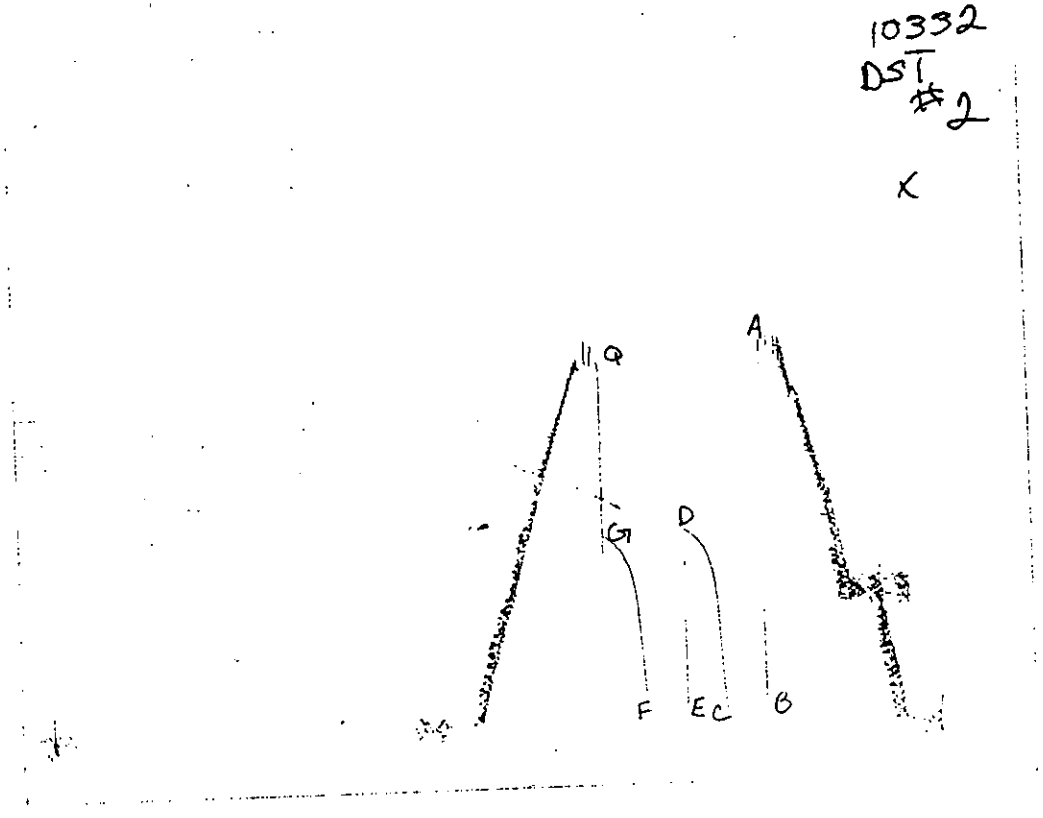


This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 11852

Well Name & No. Cent / Larsen #1 Test No. #2 Date 09/17/1998

Company McGinness Oil Co of Ks, Tx Zone Tested Drum

Address Properties Inc, 150 N. Main Suite 1020 Wichita Ks 67202 Elevation 1701 KB 1692 GL

Co. Rep / Geo. Doug McGinness Cont. Duke #4 Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 3 Twp. 32S Rge. 13W Co. Barber State Ks

No. of Copies 5 Distribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 4106 - 4121 Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 48,000

Anchor Length 15' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 4101 Tool Weight 2100

Bottom Packer Depth 4106 Hole Size — 7 7/8" — Rubber Size — 6 3/4" —

Total Depth 4121 Wt. Pipe Run N/A Drill Collar Run N/A

Mud Wt. 9.1 LCM 0 Vis. 49 WL 10.0 Drill Pipe Size 4½ XH Ft. Run 4114'

Blow Description IF: Strong blow B.O.B. in 1 min.
IST: Bled down for 10 mins No bb.
FF: Fair blow B.O.B. in 15 mins.
FST: Bled down for 10 mins No bb

Recovery — Total Feet 180' GIP Trace Ft. in DC N/A Ft. in DP 180'

Rec. 60'	Feet Of	SGCM(W)	6 %gas	%oil	44 %water	50 %mud
Rec. 120	Feet Of	Salt Water	%gas	%oil	98 %water	2 %mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud

BHT 125° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW .07 @ 77° °F Chlorides 110,000 ppm Recovery Chlorides 12,800 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud	2038	2009	PSI	Recorder No.	2357	T-On Location 15:30:00
(B) First Initial Flow Pressure	51	23	PSI	(depth)	7102'	T-Started 16:23:00
(C) First Final Flow Pressure	71	60	PSI	Recorder No.	10332	T-Open 18:57:00
(D) Initial Shut-In Pressure	1044	1028	PSI	(depth)	7115'	T-Pulled 20:52:00
(E) Second Initial Flow Pressure	91	70	PSI	Recorder No.		T-Out 22:45:00
(F) Second Final Flow Pressure	122	98	PSI	(depth)		T-Off Location 00:00:00
(G) Final Shut-in Pressure	994	1002	PSI	Initial Opening	30	Test ✓
(Q) Final Hydrostatic Mud	2038	2036	PSI	Initial Shut-in	30	Jars ✓
				Final Flow	30	Safety Joint —
				Final Shut-in	30	Straddle
						Circ. Sub
						Sampler
						Extra Packer
						Elec. Rec. ✓
						Mileage
						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

TRILOBITE TESTING L.L.C.

OPERATOR : McGinness Oil Co. DATE 9-18-98
WELL NAME: Gant Larson #1 KB 1702.00 ft TICKET NO: 10692 DST #3
LOCATION : 8-32s-13w Barber co. KS GR 1692.00 ft FORMATION: Mississippi
INTERVAL : 4370.00 To 4400.00 ft TD 4400.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10333	10333	3026		
SI	60	Range(Psi)	4050.0	4050.0	4995.0	0.0	0.0
SF	45	Clock(hrs)	12hr	12hr	elect		
FS	90	Depth(ft)	4400.0	4400.0	4380.0	0.0	0.0

TIME DATA----------
PF Fr. 0010 to 0050 hr
IS Fr. 0050 to 0150 hr
SF Fr. 0150 to 0235 hr
FS Fr. 0235 to 0405 hr

	Field	1	2	3	4
A. Init Hydro	2143.0	2194.0	2133.0	0.0	0.0
B. First Flow	81.0	91.0	46.0	0.0	0.0
B1. Final Flow	91.0	89.0	43.0	0.0	0.0
C. In Shut-in	1426.0	1407.0	1437.0	0.0	0.0
D. Init Flow	81.0	81.0	43.0	0.0	0.0
E. Final Flow	71.0	69.0	34.0	0.0	0.0
F. Fl Shut-in	1293.0	1279.0	1310.0	0.0	0.0
G. Final Hydro	2093.0	2111.0	2089.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2220 hr
T ON BOTM 0009 hr
T OPEN 0010 hr
T PULLED 0405 hr
T OUT 0615 hr

TOOL DATA----------

Tool Wt.	1500.00 lbs
Wt Set On Packer	24000.00 lbs
Wt Pulled Loose	80000.00 lbs
Initial Str Wt	46000.00 lbs
Unseated Str Wt	48000.00 lbs
Bot Choke	0.78 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.38 in
D.C. Length	0.00 ft
D.P. Length	4365.00 ft

RECOVERY
Tot Fluid 50.00 ft of 0.00 ft in DC and 50.00 ft in DP
50.00 ft of mud 100%
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow:
Strong blow bottom of bucket in
30 secs. gas to surface in 29 mins.
Gas will burn
Initial Shut-in:
No blow back
Final Flow:
Bottom of bucket as soon tool opened
strong blow
Final Shut-in:
No blow back

MUD DATA----------

Mud Type	chemical
Weight	9.10 lb/cf
Vis.	43.00 S/L
W.L.	19.20 in3
F.C.	0.00 in
Mud Drop Y	40.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Scott Bugbee
Co. Rep.	Doug McGinness
Contr.	Duke
Rig #	4
Unit #	
Pump T.	

SAMPLES: yes
SENT TO:Caraway Analytical

Test Successful: Y

GAS RECOVERY

COMPANY: McGinness Oil Co. DATE: 9-18-98
WELL NAME: Gant Larson #1 KB Elev: 1702.00 ft TICKET #10692 DST #3
WELL LOCATION: 8-32s-13w Barber co. KS GR Elev: 1692.00 ft FORMATION: Mississippi
INTERVAL Fr.: 4370.00 To 4400.00 T.D.: 4400.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH merla

**** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
1	0.50	24	0	200000.0
5	0.50	20	0	177000.0
10	0.50	11	0	121000.0

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.50	10	0	116000.0
10	0.50	9	0	108000.0
20	0.50	6	0	86300.0
25	0.50	4	0	68800.0
30	0.38	7	0	53200.0
35	0.38	7	0	53200.0
40	0.38	8	0	57300.0
45	0.38	8	0	57300.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Gant Larson #1

LOCATION : 8-32s-13w Barber co. KS

TICKET No. 10692 D.S.T. No. 3 DATE 9-18-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 30

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands72 Single Total 4365

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4417

TOTAL DEPTH 4400

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:

P.O. SUB top of tool 4348
C.O. SUB 1' 4349
S.I. TOOL 5' 4354
HMV 5' 4359
JARS
SAFETY JOINT 2' 4361
PACKER 5' 4366
PACKER 5' 4370
DEPTH 4370
STUBB 1' 4371
ANCHOR 4' perf 4375
T.C.
DEPTH
Alpine Rec. 4380
5' Pu sub 4380
15'perf 4395
Ak1 Rec. 4400
BULLNOSE
T.D. 5' 4400

TEST HISTORY

10692 DST #3 Gant Larson #1 McGinness Oil Co.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2133.97
B:	0.00	46.09
C:	33.50	43.72
D:	61.75	1437.78
E:	0.00	43.14
F:	44.25	34.83
G:	89.75	1310.51
Q:	0.00	2089.43

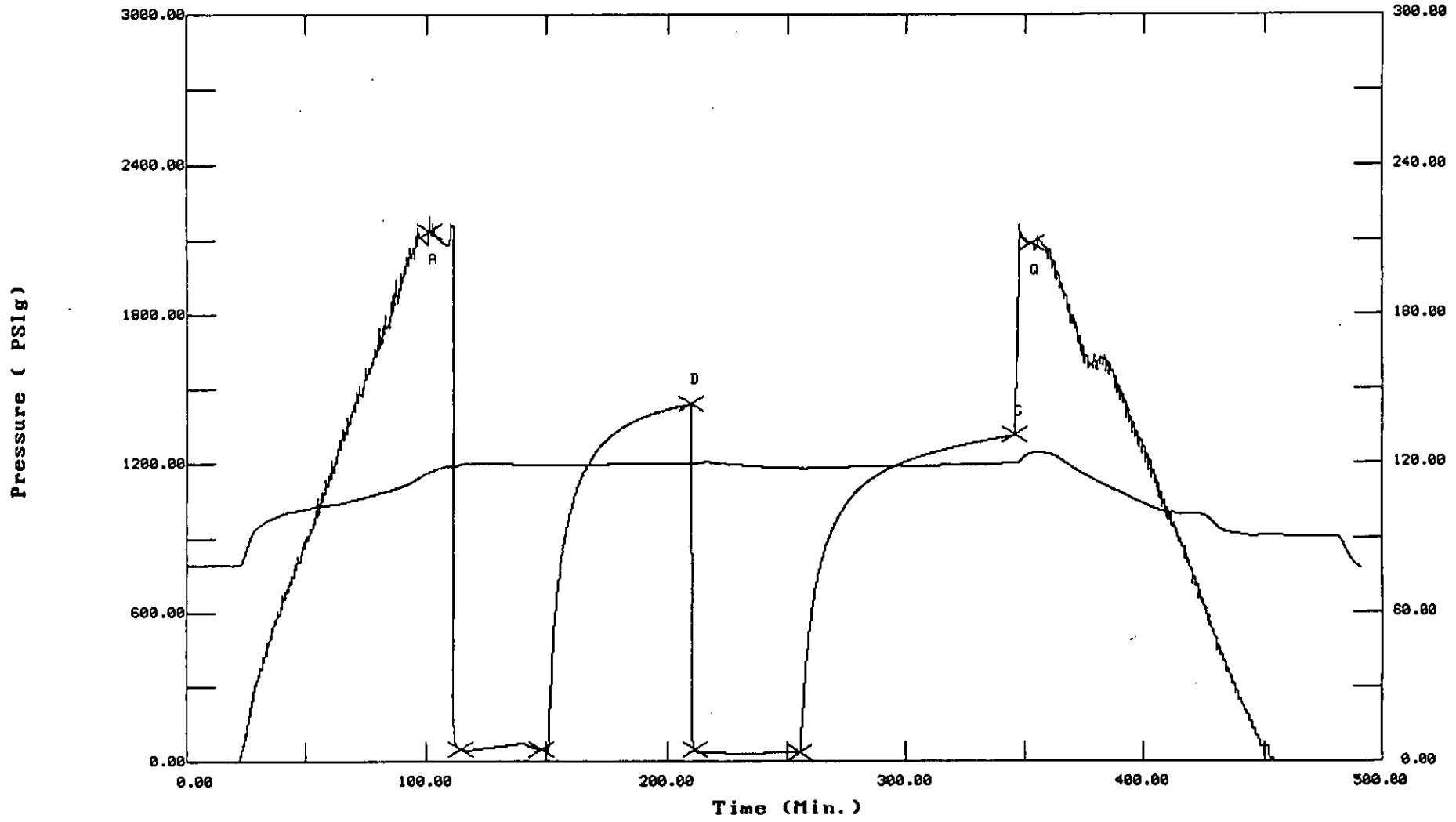
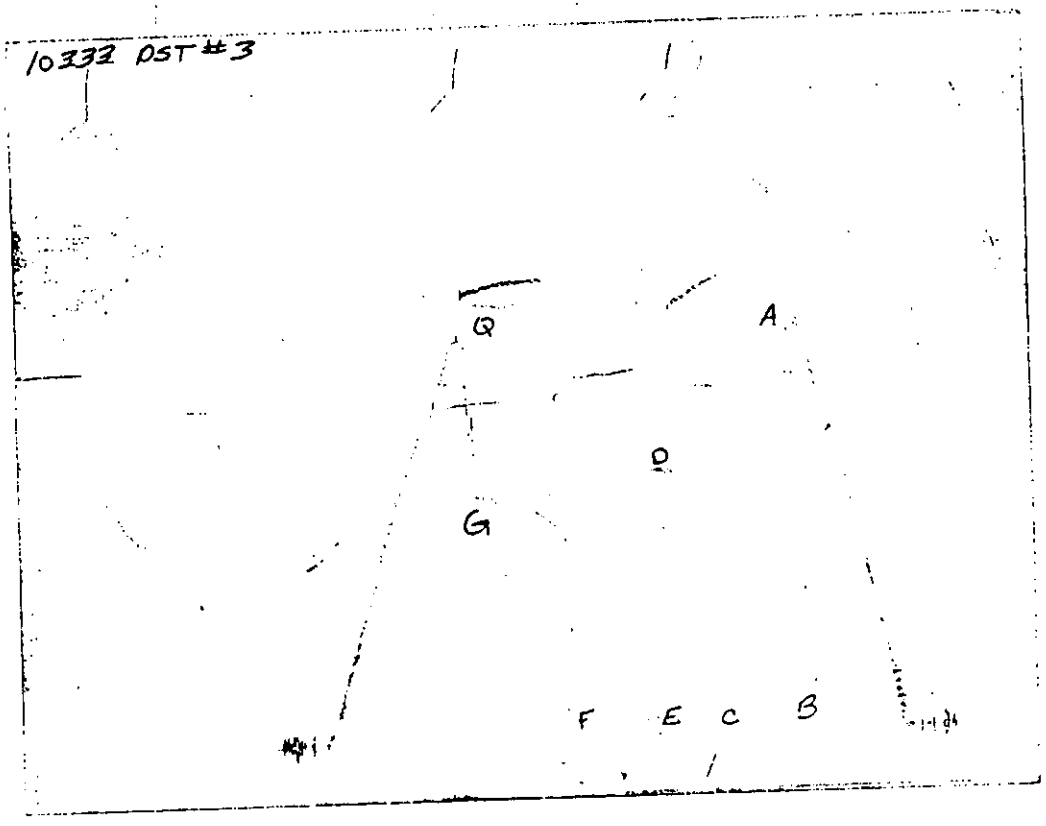


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10592

Well Name & No. Grant Larson #1 Test No. #3 Date 9-

Company McGinness Oil Co. Zone Tested Mississippi

Address Properties Inc. 150 N. Main Suite 1026 Wichita Ks. 67202 Elevation 1702 KB 1692 GL

Co. Rep / Geo. Doug McGinness Cont. Duke #4 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 8 Twp. 32S Rge. 13W Co. Barber State Ks.

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 4370-4400 Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 48,000

Anchor Length 30' Wt. Set Lbs. 24000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth [redacted] 4365 Tool Weight 1500

Bottom Packer Depth 4370 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4400 Wt. Pipe Run ____ Drill Collar Run 0

Mud Wt. 9.1 LCM ____ Vis. 43 WL 19.2 Drill Pipe Size 4½ XH Ft. Run 4365

Blow Description Strong blow B.O.B in 30 sec GTS in 29 min Gas will burn
Bled 2" no blow back
2nd open B.O.B. as soon as tool opened Strong blow
Bled 2" no blow back

Recovery — Total Feet 50 GIP GTS Ft. in DC ____ Ft. in DP 50

Rec. 50	Feet Of Mud	%gas	%oil	%water	100 %mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

BHT 120 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 15,500 ppm System

(A) Initial Hydrostatic Mud	2143	[redacted]	PSI	Recorder No. 3026	T-Started 10:20 P.M.
(B) First Initial Flow Pressure	81	46	PSI	(depth) 4380	T-Open 12:10 A.M.
(C) First Final Flow Pressure	91	43	PSI	Recorder No. 10333	T-Pulled 4:05 A.M.
(D) Initial Shut-in Pressure	1426	1437	PSI	(depth) 4400	T-Out 6:15 A.M.
(E) Second Initial Flow Pressure	81	43	PSI	Recorder No. ____	
(F) Second Final Flow Pressure	71	34	PSI	(depth) ____	
(G) Final Shut-in Pressure	1293	1310	PSI	Initial Opening 40	Test ✓
(H) Final Hydrostatic Mud	2093	2089	PSI	Initial Shut-in 60	Jars ____
	API	Alpine		Final Flow 45	Safety Joint ✓
				Final Shut-in 90	Straddle ____
				____	Circ. Sub [redacted] N/C
				____	Sampler ____
					Extra Packer ____
					Elect. Rec. ✓
					Other

Approved By [redacted]