

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30080  
Name: Honey Oil Company, Inc.  
Address: 8526 Boxthorn  
City/State/Zip: Wichita, Kansas 67226  
Purchaser: Petro Source Partners LTD

Operator Contact Person: L.V. Bell  
Phone: (316) 265-7300

Contractor: Name: Duke Drilling Co., Inc.  
License: 5929

Wellsite Geologist: Joe Baker

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: 12-13-00  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Entry     TD  
 Plug Back     Plug Back Total \_\_\_\_\_  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

05-18-00    05-24-00    05-24-00  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 155-21442 0000

County: Reno County, Kansas

C-N/2 NE SE Sec. 19 Twp. 23 S. R. 8  East  West

2310 feet from (S) / N (circle one) Line of Section

660 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW

Lease Name: McGonigle Well #: 1

Field Name: Unnamed

Producing Formation: Conglomerate

Elevation: Ground: 1677' Kelly Bushing: 1685'

Total Depth: 3816' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 275 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.

Drilling Fluid Management Plan ALT 1 gpl 6/26/01  
*Data must be collected from the Reserve Pit*

Solids content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Watering method used \_\_\_\_\_

Disposition of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION  
Wichita, Kansas  
DEC 13 2000

CONSERVATION DIVISION  
Wichita, Kansas

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 of 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: [Signature]

Title: President Date: 12-12-00

Subscribed and sworn to before me this 12th day of December

2000

Notary Public: [Signature]

Date Commission Expires: \_\_\_\_\_

**GLEND A CULVER**  
Notary Public - State of Kansas  
My Appt. Expires 2-16-02

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: 12-15-00 DPW

Wireline Log Received

Geologist Report Received

UIC Distribution

KCC

X

Operator Name: **Honey Oil Company, Inc.** Lease Name: **McGonigle** Well #: **1**  
 Sec. **19** Twp. **23** S. R. **8**  East  West County: **Reno County, Kansas**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction Log</b> <b>Dual Compensated Porosity Log</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>3020</td> <td>-1335</td> </tr> <tr> <td>Brown Lime</td> <td>3197</td> <td>-1512</td> </tr> <tr> <td>Stark Shale</td> <td>3482</td> <td>-1747</td> </tr> <tr> <td>Swope</td> <td>3491</td> <td>-1806</td> </tr> <tr> <td>BKC</td> <td>3584</td> <td>-1899</td> </tr> <tr> <td>Cherokee Sh</td> <td>3674</td> <td>-1989</td> </tr> <tr> <td>Conglomerate</td> <td>3706</td> <td>-2021</td> </tr> <tr> <td>Miss Cht</td> <td>3729</td> <td>-2044</td> </tr> <tr> <td>Base Miss Cht</td> <td>3774</td> <td>-2089</td> </tr> <tr> <td>Kinderhook</td> <td>3778</td> <td>-2093</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	3020	-1335	Brown Lime	3197	-1512	Stark Shale	3482	-1747	Swope	3491	-1806	BKC	3584	-1899	Cherokee Sh	3674	-1989	Conglomerate	3706	-2021	Miss Cht	3729	-2044	Base Miss Cht	3774	-2089	Kinderhook	3778	-2093
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings sel-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	# Sacs Used	Type and Percent Additives
Surface	1.2-1/4"	8-5/8"	20#	275'	60/40 Poz	200 w/100	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	3816'	60/40 Poz	150	10%salt 5%gil

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
2	3708-14		15% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3746'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. <b>July 2000</b>	Producing Method
	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6		8		36.2°

Disposition of Gas: **METHOD OF COMPLETION** Production Interval: **3708'-3714'**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_

**CEC ENGINEERING**

5410 South Andre Road  
Plevna, KS 67568  
(316) 286-5553  
FAX (316) 286-5673

**ORIGINAL**

Honey Oil Co

McGonigle No 1  
SE  $\frac{1}{4}$  Sec 19-23S-8W  
Reno County, Kansas

Completion

5-24-00: RTD 3816'. Logtech ran D-N & DI logs. Ran bit to bottom & circ 1 hr. Laid down drill pipe. TIH w/4 $\frac{1}{2}$ " reg guide shoe, & insert fillup valve in 1st clr on 89 jts new 4 $\frac{1}{2}$ ", 10.5#, J-55 Csg (3802.72' total), 6 centralizers on alternate clrs to 3339'. Set shoe @ 3811'. Tag bottom @ 3818'. United Cmt'ng pumped 500 gal mud flush & 125 sx 60/40 pozmix w/2% gel, 10% salt, 0.75% FR,  $\frac{1}{4}$  # flocele, & 10 # Gilsonite. Displace w/60 bbl FW. Plug down @ 6 PM w/1000 psi. PBTD 3767' Float did not hold-left SI @ 500 psi.

**RECEIVED**  
STATE CORPORATION COMMISSION

DEC 15 2000

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Wichita, Kansas

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5410 South Andre Road  
Plevna, KS 67568  
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**ORIGINAL**

Honey Oil Co

McGonigle No 1  
SE  $\frac{1}{4}$  Sec 19-23S-8W  
Reno County, KS

Completion

- 6-15-00: RU Basye Well Scv Rig 6. Swab Csg to 3200'. SDON
- 6-16-00: Log Tech perf csg from 3708-14' w/2 spf. Tih w/2 3/8" SN on 121 jts 2 3/8" EU tbg (3742.14' total). Set @ 3746'. FL @ 3200'. Swab 2 bbls w/good sho of oil. RU Kansas Acid. Circ 1 bbl acid out & load hole to spot acid on perms. Disp 11 bbls 15% MCA. MP 1100, AP 700 @ 2 BPMISIP 100, vacc in 3 min. Total load 67 bbls. Swab to 3500' next 2 hrs, Swabbed total of 61 bbls, 7 under load. Oil % increase to 6. Left open & SDOW.
- 6-19-00: Fluid level @ 2800'. 900' fillup, 5% oil ( in tbg) TOH & swab csg. BFL 2800'. Swab down-15 bbls, 70% oil. Next 4 hrs swab 3/4 BPH, 50% oil. Total out 81 bbls, 14 over load. Left open & SDON.
- 6-20-00: FL @ 3400', 350' fillup. Swab down, 60 % oil. Total out 86 bbls, 19 over load. RU Acid Scvs frac equipment. Pump 304 bbls gelled water to frac zone @ 10 BPM, disp 10500 lbs sand per frac design. MP 1300, AP 1200, ISIP 850, 10 min SIP 600. SI & SDON.
- 6-21-00: Slight press on csg, Ck bottom @ 3655, 110' fillup. Sand pumped 113' sand to clean up. SDON.
- 6-22-00: 12' fillup overnight. Sand pumped to clean up. BFL 700', Swab csg to bottom. Rate decline to 3 BPH, oil % increase to 11. Total out 93 bbls, 211 under load. Left open & SDON.
- 6-23-00: BFL 2500'. 1200' fillup in 16 hrs, 30 % oil. Swabbed down-20 bbls, 20 % oil. Total out 113 bbls, 191 under load. Ran sand pump to clean out 6' sand. TIH w 120 jts tbg & 8' sub to put SN @ 3722'. (3718.94' total). TIH W 2" x 1 $\frac{1}{2}$ " x 12' BHD TB insert pump w/4' cup & ring plunger on 148 new Norris 78 3/4" rods, 1 $\frac{1}{4}$ " x 22' polish rod w/1 $\frac{1}{2}$ " x 8' liner. RD & MO.



SERVICE TICKET ORIGINAL No 1082  
 UNITED CEMENTING & ACID CO., INC.

BOX 712 EL DORADO, KANSAS 67042 PHONE AC 316-321-4680

DATE 5-24-00 COUNTY Reno  
 CHG. TO: Honey Oil Co. Inc ADDRESS 8526 Bottom  
 CITY Wichita STATE Kansas ZIP 67226  
 LEASE & WELL NO. Mc Canigle #7 SEC. 19 TWP 23S RNG 3W  
 CONTRACTOR Duke Dalgro Co. Rig #2 TIME ON LOCATION 2:00P  
 KIND OF JOB Production Casing  
 SERVICE CHARGE: 3811' DU 997.80

QUANTITY	MATERIAL USED	TYPE	
1500 ft	60/40 ppg		@ 4.70 705.00 x
3 gal	Gal		@ 9.50 28.50 x
750 lbs	Salt X 1.44 X 5.10		550.80 x
750 lbs	Gilsonite	@	.35 per lb. 262.50 x
38 lbs	Flour seal	@	1.25 per lb. 47.50 x
95 lbs	C-spacer	@	2.25 per lb. 213.75 x
171 ft	BULK CHARGE	@	.89 152.19 v
90 Eldor.	BULK TRK. MILES	(8.50 tons X .66 X 4.50 miles)	336.60 v
600	PUMP TRK. MILES*	one way @ 200 per mile.	120.00 x
500 gal	AB-122 Mud Flush	@	.30 per gal 150.00 x
1	PLUGS	4 1/2 Top Rubber	32.00 v
	SALES TAX		124.15 125.15
	TOTAL		3225.00 <del>3244.07</del>

T. D. 3815 CSG. SET AT 3811 VOLUME \_\_\_\_\_  
 SIZE HOLE 7 7/8 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. 1000 # SIZE PIPE 4 1/2 New 10.5 #  
 PLUG DEPTH 3768 PKER DEPTH \_\_\_\_\_  
 PLUG USED Top Rubber TIME FINISHED 6:00P

REMARKS: Ran 4 1/2 Csg to 3815' - Top Bottom - Log Down 1 ft -  
Spot Collar in collar with landing joint 3811 overall  
Drop Ball - Pump Ball through + Circulate - Rig up to Cement Pump  
Plug Rat hole 15 ft - Mound Hole 10 ft - Via 4 1/2 Csg pump  
500 Gal Mud flush ahead of 125 gal 60/40 ppg 26.0 - 100 Salt -  
5 # Gal / ft - 1/4 # Fla - Seal - 3/4 of 1% C-spacer - Washout Pump + Line  
Release Plug - Start Disp - Final Disp PST 450 # Bump Plug 1000 #

EQUIPMENT USED Release PSI Air. up

NAME <u>Chat Johnson</u> UNIT NO. <u>10</u>	NAME <u>Jim Thomas</u> UNIT NO. <u>1</u>
---	--

Neal Rupp  
CEMENTER OR TREATER
X John Corral  
OWNER'S REP.

**SERVICE TICKET**  
**UNITED CEMENTING & ACID CO., INC.**

**ORIGINAL** 1081

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 5-18-00 COUNTY Renov  
 CHG. TO: Harvey Oil Co Inc ADDRESS 8526 Baythorn  
 CITY Wichita STATE Kansas ZIP 67226  
 LEASE & WELL NO. Mc Gonigle #7 SEC. 19 TWP. 23S RNG. 8W  
 CONTRACTOR Duke Drilling Rig #2 TIME ON LOCATION 11:30P  
 KIND OF JOB Surface Casing  
 SERVICE CHARGE: 450.00

QUANTITY	MATERIAL USED	TYPE		
300 <u>sf</u>	60/40 <u>pcf</u>		@ 4.40	1,320.00 <u>x</u>
6 <u>up</u>	Gal		@ 9.50	57.00 <u>x</u>
9 <u>sf</u>	Calcium Chloride		@ 26.00	234.00 <u>w</u>
215 <u>sf</u>	BULK CHARGE		@ .89	230.35 <u>x</u>
90 <u>El Dor</u>	BULK TRK. MILES	15.75 tons x 6 x 6 x 460 miles		623.70 <u>x</u>
60	PUMP TRK. MILES	one way @ 2.00 per mile		120.00 <u>w</u>
1	PLUGS	8 5/8 Wooden Rubber Cup		111.00 <u>x</u>
	SALES TAX			163.50
	TOTAL			3379.25

T. D. 278 CSG. SET AT 274' VOLUME \_\_\_\_\_  
 SIZE HOLE 12 1/4 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. \_\_\_\_\_ SIZE PIPE 8 5/8 20#  
 PLUG DEPTH 259 PKER DEPTH \_\_\_\_\_  
 PLUG USED Wooden Rubber Cup TIME FINISHED 7:45 A 5-19-00

REMARKS: Ran 8 5/8 to 274' - Break Circulation / Rig Pump -  
Rig up to Cement Pump - Run 5 BBLs Fresh H<sub>2</sub>O Ahead of  
280 sf 60/40 pcf 2 1/2 Gal + 3 1/2 CC - Release Plug Displace to  
259' with 97 BBLs H<sub>2</sub>O - Plug in Place Give In! Did not  
Circulate Cement - 2:30 A W. O. C. - 6:00 A Run 1-buck to  
84' - Mix + Pump 100 sf 60/40 pcf 2 1/2 Gal + 3 1/2 CC - Circulate  
Cement to Surface - Job Complete - 7:00 A

EQUIPMENT USED \_\_\_\_\_  
 NAME Chet Johnson UNIT NO. 10 NAME Jim Thomas UNIT NO. 3  
Neal [Signature] CEMENTER OR TREATER X [Signature] OWNER'S REP. ✓

ORIGINAL

RECEIVED  
STATE CORPORATION COMMISSION

DEC 15 2000

CONSERVATION DIVISION  
Wichita, Kansas

WELL NAME: McGonigle #1  
COMPANY: Honey Oil Company  
LOCATION: 19-23s-8w  
Reno co Kansas  
DATE: 5/30/00



TRILOBITE TESTING L.L.C.

OPERATOR : Honey Oil Company DATE 5-23-00  
 WELL NAME: McGonigle #1 KB 1685.00 ft TICKET NO: 12841 DST #1  
 LOCATION : 19-23s-8w Reno co KS GR 1677.00 ft FORMATION: Conglomerate  
 INTERVAL : 3675.00 To 3725.00 ft TD 3725.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10991	10991	2350			PF Fr. 1454 to 1524 hr
SI 30	Range (Psi )	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 1524 to 1554 hr
SF 60	Clock (hrs)	12 hr	12 hr	Elect			SF Fr. 1554 to 1654 hr
FS 60	Depth (ft )	3722.0	3722.0	3681.0	0.0	0.0	FS Fr. 1654 to 1754 hr

	Field	1	2	3	4	
A. Init Hydro	1788.0	1791.0	1798.0	0.0	0.0	T STARTED 1315 hr
B. First Flow	53.0	57.0	43.0	0.0	0.0	T ON BOTM 1450 hr
B1. Final Flow	53.0	52.0	84.0	0.0	0.0	T OPEN 1454 hr
C. In Shut-in	1130.0	1133.0	1157.0	0.0	0.0	T PULLED 1754 hr
D. Init Flow	85.0	87.0	77.0	0.0	0.0	T OUT 1930 hr
E. Final Flow	117.0	113.0	140.0	0.0	0.0	
F. Fl Shut-in	1162.0	1147.0	1180.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1776.0	1744.0	1774.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 2000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 39000.00 lbs
						Unseated Str Wt 40000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.80 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3690.00 ft

RECOVERY

Tot Fluid 395.00 ft of 0.00 ft in DC and 395.00 ft in DP  
 3265.00 ft of Gas in pipe  
 120.00 ft of Oil & Gas cut mud  
 0.00 ft of 30% gas 10% oil 60% mud  
 275.00 ft of Heavy Oil & gas cut mud  
 0.00 ft of 40% gas 25% oil 35% mud  
 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 50 seconds Gas to surface in 18 minutes.  
 Initial Shutin:  
 Bled down for 10 minutes.  
 No blow back.  
 Final Flow:  
 Strong blow - bottom of bucket in 15 seconds - gauged gas  
 Final Shutin:  
 Bled down for 5 minutes  
 built back to bottom of bucket in 2 minutes

SAMPLES:  
 SENT TO:

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.20 lb/cf  
 Vis. 47.00 S/L  
 W.L. 9.60 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 1140.00 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 Darren Amerine  
 Co. Rep. Joe Baker  
 Contr. Duke  
 Rig # 2  
 Unit #  
 Pump T.

Test Successful: Y

GAS RECOVERY  
-----

COMPANY: Honey Oil Company

DATE: 5-23-00

WELL NAME: McGonigle #1

KB Elev: 1685.00 ft TICKET #12841 DST #1

WELL LOCATION: 19-23s-8w Reno co KS

GR Elev: 1677.00 ft FORMATION: Conglomerate

INTERVAL Fr.: 3675.00 To 3725.00 T.D.: 3725.00 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)
23	0.38	0	10	11300.0
28	0.38	0	10	11300.0

\*\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.38	0	13	12900.0
10	0.38	0	8	10100.0
15	0.38	0	5	7980.0
20	0.38	0	5	7980.0
25	0.38	0	4	7140.0
30	0.38	0	4	7140.0
35	0.38	0	4	7140.0
40	0.38	0	3	6100.0
45	0.38	0	3	6180.0
50	0.38	0	3	6180.0
55	0.38	0	3	6180.0
60	0.38	0	3	6180.0

# NATURAL GAS ANALYSIS REPORT

Sampled by:  
 Trilobite Testing, L. L. C.  
 Hays, Kansas  
 Scott City, Kansas  
 Phone: 800-728-5369  
 Fax: 913-625-5620

Analyzed by:  
 Caraway Analytical, Inc  
 P. O. Box 2137  
 Liberal, Kansas 67905  
 Phone: 316-624-5389  
 Fax: 316-626-7108

Well Number: 22065075      Analysis Date: 01/27/01

Sample From: McGonigle 1 DST 1      Pressure:  
 Producer: Honey Oil Co.      Temperature:

Date: 01/27/01      Location: 140724

Time:      County: Reno  
 Sampler:      State: Kansas  
 Source:      Formation:

Conglomerate

	Mole %	GPM
Helium	He: 0.480	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.124	0.000
Nitrogen	N2: 12.323	0.000
Carbon Dioxide	CO2: 0.021	0.000
Methane	C1: 51.000	0.000
Ethane	C2: 11.734	3.138
Propane	C3: 12.482	3.439
Iso Butane	iC4: 1.969	0.644
Normal Butane	nC4: 4.986	1.572
Iso Pentane	iC5: 1.209	0.442
Normal Pentane	nC5: 1.549	0.561
Hexanes Plus	C6+: 2.123	0.926

**TOTAL: 100.000 10.723**

Z Fact: 0.9941

SP.GR.: 0.9988

BTU (SAT): 1469.1 @ 14.73 psia

BTU (DRY): 1495.1 @ 14.73 psia

**OCTANE RATING: 99.2**

COMMENTS:

0.124

# TEST HISTORY

Tk#12841 DST#1 McGonigle #1 Honey Oil

Flag Points

	t(Min.)	P(PSig)
A:	0.00	1790.31
B:	0.00	42.63
C:	29.75	83.58
D:	27.75	1156.52
E:	0.00	76.87
F:	59.00	140.03
G:	63.50	1179.76
Q:	0.00	1774.31

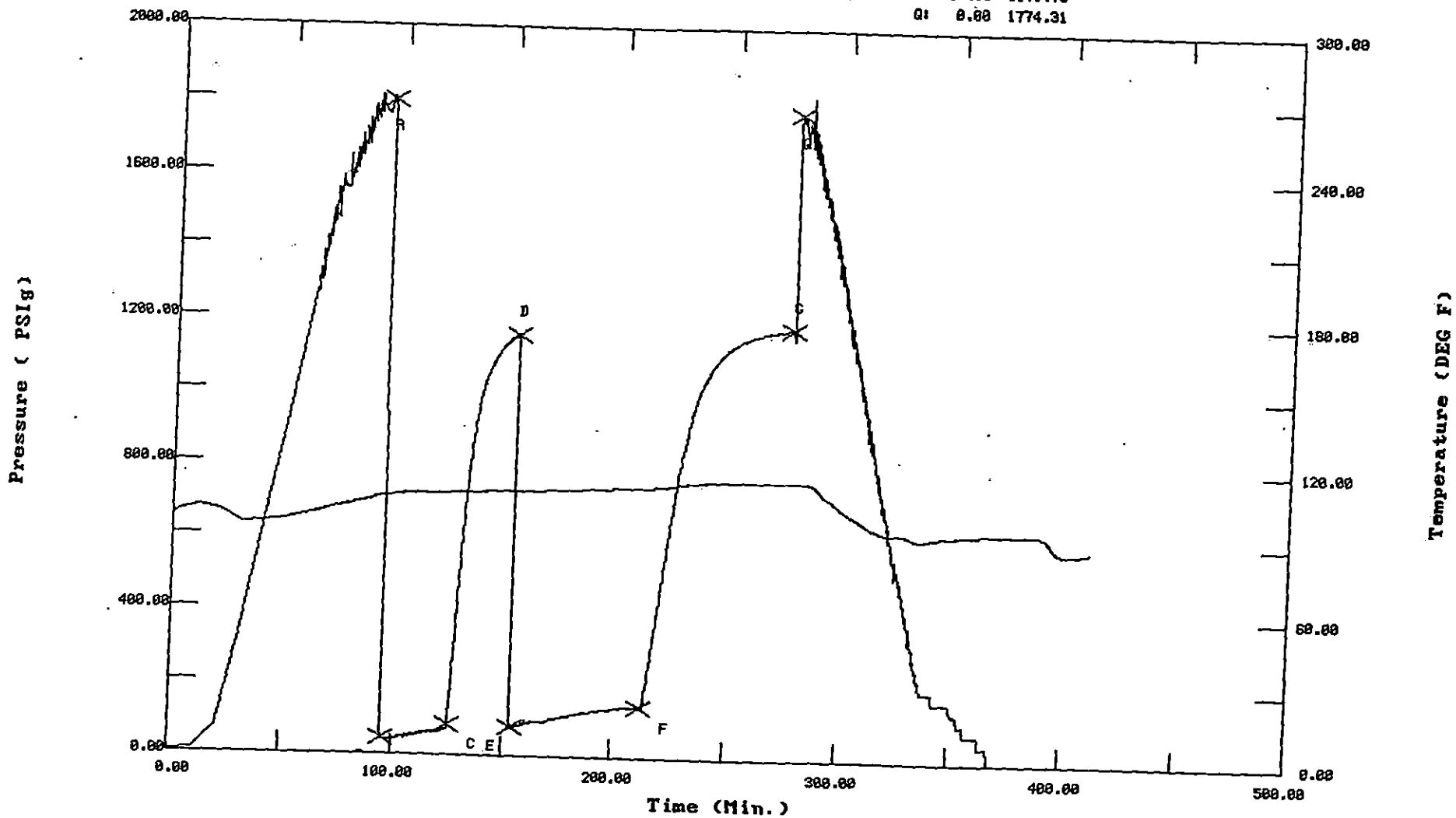
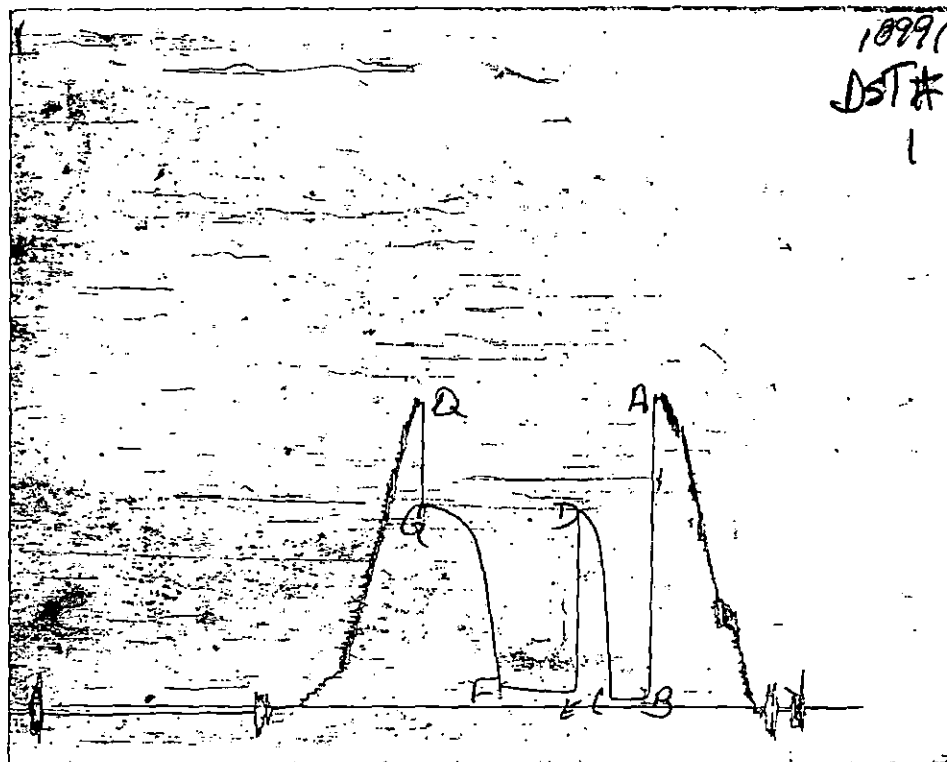


CHART PAGE



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 12841

Well Name & No. <u>Mc Donigle #1</u>		Test No. <u>#1</u>	Date <u>05/23/2000</u>
Company <u>Honey, Oil.</u>		Zone Tested <u>(Conglomerate)</u>	
Address <u>8526 Bouthorne, Wichita KS 67226</u>		Elevation <u>1685</u>	KB <u>1677</u> GL
Co. Rep / Geo. <u>Joe Baker</u>	Cont. <u>Duke #2</u>	Est. Ft. of Pay	Por. %
Location: Sec. <u>19</u>	Twp. <u>23<sup>S</sup></u>	Rge. <u>B<sup>W</sup></u>	Co. <u>Beno</u> State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>—</u>	Turnkey (Y, N) <u>—</u>	Evaluation (Y, N) <u>—</u>

Interval Tested <u>3675' - 3725'</u>	Initial Str Wt./Lbs. <u>3900</u>	Unseated Str Wt./Lbs. <u>40000</u>
Anchor Length <u>50'</u>	Wt. Set Lbs. <u>2000</u>	Wt. Pulled Loose/Lbs. <u>35000</u>
Top Packer Depth <u>3670'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>3675'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>3725'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>N/A</u>
Mud Wt. <u>9.2</u> LCM <u>1<sup>st</sup></u> Vis. <u>47</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 KH</u>	Ft. Run <u>3690</u>

Blow Description FF Strong blow bob in 50 sec GTS in 18 min Gauge Bad  
FSI Bled down for 10 min no blow back  
FF Strong blow bob in 15 sec Gauge Bad  
FSI Bled down for 5 min shut back to job in 2 min.

Recovery — Total Feet <u>395'</u>	GIP <u>3265'</u>	Ft. in DC <u>N/A</u>	Ft. in DP <u>395'</u>
Rec. <u>120'</u> Feet Of <u>0.6 CM</u>	<u>30</u> %gas <u>10</u> %oil	%water	<u>60</u> %mud
Rec. <u>275'</u> Feet Of <u>10.6 CM</u>	<u>40</u> %gas <u>25</u> %oil	%water	<u>35</u> %mud
Rec. <u>3265'</u> Feet Of <u>Gas Tap pipe</u>	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
BHT <u>114°</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____	°F Chlorides _____	ppm Recovery	Chlorides <u>6,600</u> ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1788</u>	<u>1798</u>	PSI Recorder No. <u>2350</u>	T-On Location	<u>1215</u>
(B) First Initial Flow Pressure	<u>53</u>	<u>43</u>	PSI (depth) <u>3681'</u>	T-Started	<u>1315</u>
(C) First Final Flow Pressure	<u>53</u>	<u>84</u>	PSI Recorder No. <u>10991</u>	T-Open	<u>1454</u>
(D) Initial Shut-In Pressure	<u>1130</u>	<u>1157</u>	PSI (depth) <u>3722</u>	T-Pulled	<u>1754</u>
(E) Second Initial Flow Pressure	<u>85</u>	<u>77</u>	PSI Recorder No. _____	T-Out	<u>1930</u>
(F) Second Final Flow Pressure	<u>117</u>	<u>140</u>	PSI (depth) _____	T-Off Location	<u>2045'</u>
(G) Final Shut-in Pressure	<u>1162</u>	<u>1180</u>	PSI Initial Opening <u>30</u>	Test	<u>✓</u>
(Q) Final Hydrostatic Mud	<u>1776</u>	<u>1774</u>	PSI Initial Shut-in <u>30</u>	Jars	_____
			Final Flow <u>60</u>	Safety Joint	_____
			Final Shut-in <u>60</u>	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Elec. Rec.	<u>✓</u>
				Mileage	_____
				Other	_____
				TOTAL PRICE \$	_____

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Approved By [Signature]  
 Our Representative Daron Shreino