

ORIGINAL 2/6/99

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

ORIGINAL

Operator: License # 6875  
Name: Marmik Oil Company  
Address 8500 W Bowles Ave., #307

City/State/Zip Littleton, CO 80123

Purchaser: \_\_\_\_\_

Operator Contact Person: Lee Shobe  
Phone (303) 932-0588

Contractor: Name: Abercrombie RTD.  
License: 30684

Wellsite Geologist: Brad Rine

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workover: Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

CONFIDENTIAL

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

1-14-99 2-4-99 2-6-99  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20,991  
County Comanche  
NW - SE - NW - Sec. 6 Twp. 35S Rge. 20 XW  
1520 Feet from S (circle one) Line of Section  
1750 Feet from E (circle one) Line of Section

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

Lease Name Snake Creek Ranch Well # 1-6

Field Name Tuttle

Producing Formation NONE

Elevation: Ground 1710' KB 1722'

Total Depth 7350' PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 691 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 FA 3-22-99 UC  
(Data must be collected from the Reserve Pit)

Chloride content 3,000 ppm Fluid volume 2,400 bbls

Dewatering method used Evaporation KCC

Location of fluid disposal if hauled offsite: FEB 26

Operator Name KBW Oil CONFIDENTIAL

Lease Name Harman License No. 5993

Quarter 11 Sec. 11 Twp. 33 S Rng. 20 E/W

County Comanche Docket No. 98329

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.

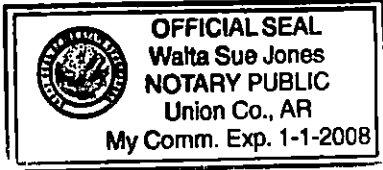
Signature Walter Jones  
Title Geologist Date 2/24/99

Subscribed and sworn to before me this 24th day of February 1999.

Notary Public Walter Jones

Date Commission Expires 1/1/2008

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)



RELEASED

MAR 28 2001 Form ACO-1 (7-91)

FROM CONFIDENTIAL

ORIGINAL

SIDE TWO

Operator Name Martink Oil Company Lease Name Snake Creek Ranch Well # 1-6

Sec. 6 Twp. 35S Rge. 20  East  West County Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: Sonic  
DIFL/GR  
ZDL/CN/GR  
ML/GR

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
B Lec.	4068	-2300
Heeb.	4270	-2502
Lans.	4506	-2738
Stark	4984	-3216
B. Inola	5406	-3638
St. Gen.	5566	-3798
Viola	6870	-5102
Arbuckle	7213	-5445

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
Conductor	30	20"		50'		5yds.	
Intermediate	17 1/2"	13 3/8"	48#	334'	Lite wt	100 sks	Class A, 3% cc, 2% gel
Surface	12 1/4"	8 5/8"	24#	691	Lite wt	200 sks	1/4# floseal, 3% cc, 100 sks Class A, 3% cc, 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				

**RELEASED**

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
		<b>FROM CONFIDENTIAL</b>	

TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj. P+A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>N-A</u>				

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

METHOD OF COMPLETION  Open Hole  Perf.  Quality Control  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

JAN 21 1964  
 1000  
 1000  
 1000  
 1000  
 1000

ORIGINAL

RECEIVED  
STATE CORPORATIONAL COMMISSION

MAR - 1 1999

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

**Well Name:** Snake Creek Rd. #1-6  
**Company:** Marmik Oil Company  
**Location:** 6-35s-20w  
Comanche County Kansas  
**Date:** 2-5-99

15-033-20991

CONFIDENTIAL

KCC  
FEB 26  
CONFIDENTIAL

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Marmik Oil Co. DATE 01-20-199  
 WELL NAME: Snake Creek Rd. #1-6 KB 1768.00 ft TICKET NO: 11476 DST #1  
 LOCATION : 6-35s-20w Comanche co KS GR 0.00 ft FORMATION: Elgin Sd.  
 INTERVAL : 4146.00 To 4155.00 ft TD 4155.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 20 Rec.	11085	11085	3027			PF Fr. 1910 to 1930 hr
SI 0 Range(Psi )	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12hr	12	elec			SF Fr. to hr
FS 0 Depth(ft )	4132.0	4132.0	4148.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	1986.0	0.0	0.0	T STARTED 1710 hr
B. First Flow	0.0	0.0	98.0	0.0	0.0	T ON BOTM 1907 hr
B1. Final Flow	0.0	0.0	100.0	0.0	0.0	T OPEN 1910 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1930 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 2130 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	0.0	0.0	1964.0	0.0	0.0	
Inside/Outside	o	o	i			

TOOL DATA-----  
 Tool Wt. 2800.00 lbs  
 Wt Set On Packer 20000.00 lbs  
 Wt Pulled Loose 125000.00 lbs  
 Initial Str Wt 72000.00 lbs  
 Unseated Str Wt 72000.00 lbs  
 Bot Choke 0.75 in  
 Hole Size 7.78 in  
 D Col. ID 2.25 in  
 D. Pipe ID 3.80 in  
 D.C. Length 362.00 ft  
 D.P. Length 3784.00 ft

RECOVERY

Tot Fluid 100.00 ft of 100.00 ft in DC and 0.00 ft in DP  
 100.00 ft of 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  
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type chemical  
 Weight 9.00 lb/c  
 Vis. 46.00 S/L  
 W.L. 11.00 in3  
 F.C. 0.00 in  
 Mud Drop

Amt. of fill 0.00 ft  
 Btm. H. Temp. 0.00 F  
 Hole Condition bad  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out  
 Tool Chased Y 20.00 ft  
 Tester Ray Schwager  
 Co. Rep. Brad Rine  
 Contr. Abercrombie  
 Rig # 5  
 Unit #  
 Pump T.

BLOW DESCRIPTION

Initial Flow:  
 Weak blow throughout 1" to 2 1/2"

RELEASED  
 MAR 28 2001  
 FROM CONFIDENTIAL

SAMPLES:  
 SENT TO:

Test Successful: N

\*\*\* TOOL DIAGRAM \*\*\* CONV

WELL NAME: Snake Creek Rd. #1-6  
 LOCATION : 6-35s-20w Comanche co KS  
 TICKET No. 11476 D.S.T. No. 1 DATE 01-20-199  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 33  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 9  
 TOTAL TOOL ..... 42  
 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.Stands4      Single      Total 362  
 D.P. ABOVE TOOLS.Stands41      Single 2      Total 3782  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4186  
 TOTAL DEPTH ..... 4155  
 TOTAL DRILL PIPE ABOVE K.B. .... 31

REMARKS:  
 Had approx.20'of fill in hole,sliding during  
 open ,pulled tool loose ,came out of hole.

P.O. SUB	4019
C.O. SUB	4109
S.I. TOOL	4117
HMV	4122
JARS	4127
AP-carrior	4132
SAFETY JOINT	4137
PACKER	4141
PACKER	4146
DEPTH	
STUBB	4147
ANCHOR	
Alpine@	4148
AK-1 @	4132
T.C.	
DEPTH	
5'perf	4152
BULLNOSE 3'bullplug	4155
T.D.	4155

# TEST HISTORY

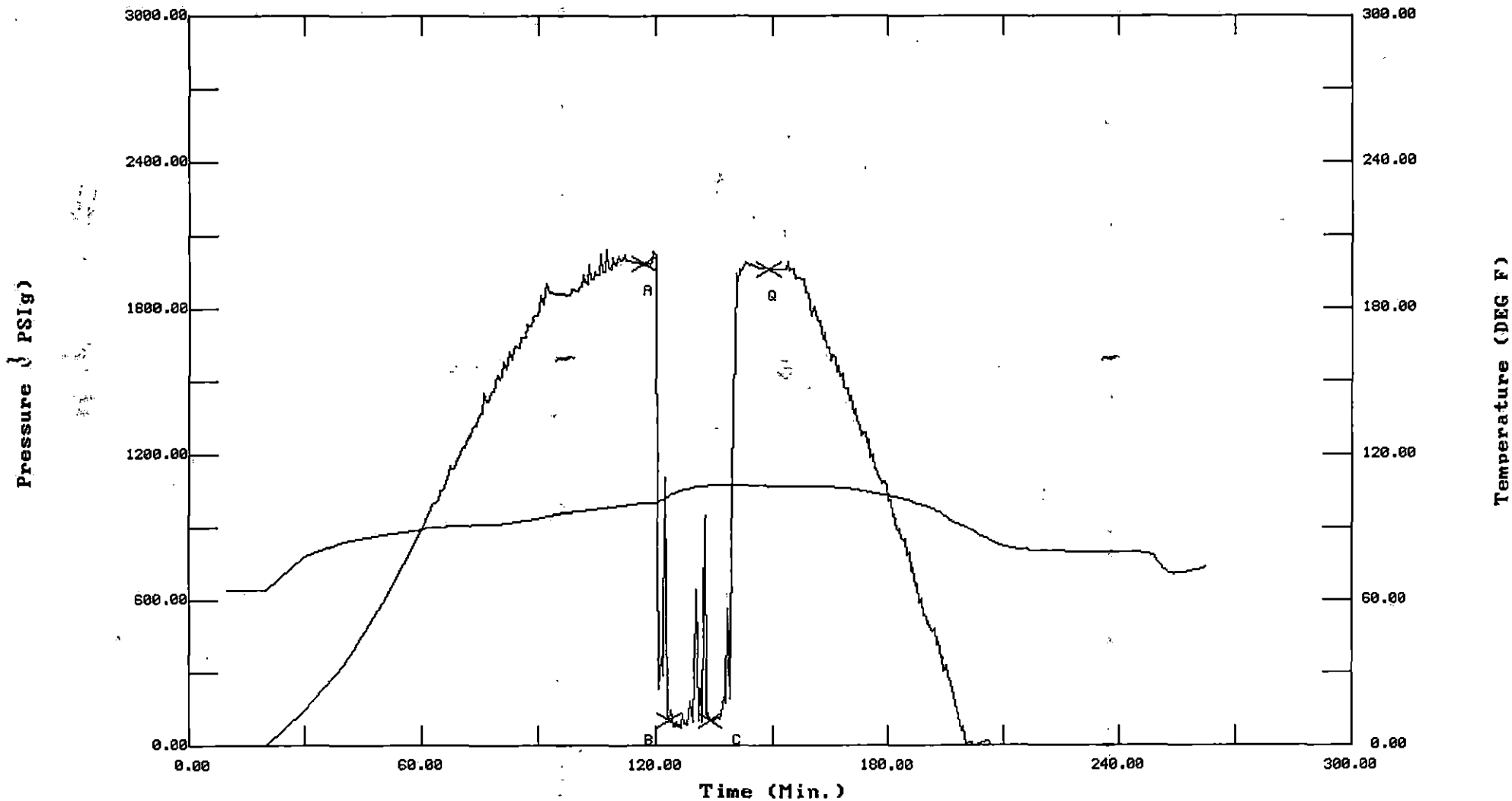
11476 DST#1 Snake Creek Rd. Marmik Oil Co.

	t (Min.)	P (PSig)	Flag Points
R:	0.00	1986.31	
B:	0.00	98.62	
C:	10.50	100.26	
Q:	0.00	1964.98	

RELEASED

MAR 28 2001

FROM CONFIDENTIAL



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No. 11476

Well Name & No. <u>Snake Creek Rd # 1-6</u>	Test No. <u>1</u>	Date <u>1-20-99</u>
Company <u>MARMIK OIL Co.</u>	Zone Tested <u>Elgin Sd.</u>	
Address _____	Elevation <u>1768</u> KB _____	GL _____
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Abercrombie rig 5</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>6</u>	Twp. <u>35<sup>s</sup></u>	Rge. <u>20<sup>w</sup></u> Co. <u>Comanche</u> State <u>Ks.</u>
No. of Copies <u>Req</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u>N</u>

Interval Tested <u>4146-4155</u>	Initial Str Wt./Lbs. <u>72000</u>	Unseated Str Wt./Lbs. <u>72000</u>
Anchor Length <u>9</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>125000</u>
Top Packer Depth <u>4141</u>	Tool Weight <u>2800</u>	
Bottom Packer Depth <u>4146</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>4155</u>	Wt. Pipe Run _____	Drill Collar Run <u>362</u>
Mud Wt. <u>9</u> LCM <u>1#</u> Vis. <u>46</u> WL <u>11</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3784</u>
Blow Description <u>IFP-WEAK Blow throughout 1" To 2 1/2" Blow</u>		

HAD approx 20ft. of fill in Hole, sliding during open, pulled Tool Loose came out of Hole

Recovery — Total Feet <u>100</u>	GIP _____	Ft. in DC <u>100</u>	Ft. in DP _____
Rec. <u>100</u> Feet Of <u>Mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of <u>RELEASED</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of <u>FROM CONFIDENTIAL</u>	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>107</u> °F Gravity _____	°API @ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides <u>8000</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>Alpine</u> <u>1986</u>	PSI Recorder No. <u>3027</u>	T-On Location <u>1530</u>
(B) First Initial Flow Pressure	<u>98</u>	PSI (depth) <u>4148</u>	T-Started <u>1710</u>
(C) First Final Flow Pressure	<u>100</u>	PSI Recorder No. <u>11085</u>	T-Open <u>1910</u>
(D) Initial Shut-In Pressure	—	PSI (depth) <u>4132</u>	T-Pulled <u>1930</u>
(E) Second Initial Flow Pressure	—	PSI Recorder No. _____	T-Out <u>2130</u>
(F) Second Final Flow Pressure	—	PSI (depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	—	PSI Initial Opening <u>20</u>	Test ✓ <u>750</u>
(Q) Final Hydrostatic Mud	<u>1964</u>	PSI Initial Shut-in _____	Jars ✓ <u>200</u>
		Final Flow _____	Safety Joint ✓ <u>50</u>
		Final Shut-in _____	Straddle _____
			Circ. Sub _____
			Sampler _____
			Extra Packer _____
			Elec. Rec ✓ <u>150</u>
			Mileage _____
			Other _____
			TOTAL PRICE \$ ✓ <u>1100</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 Brad Rine

Our Representative Ray Schwager Thank You

TRILOBITE TESTING L.L.C.

OPERATOR : Marmik Oil Co. DATE 01-21-199  
 WELL NAME: Snake Creek Rd.#1-6 KB 1768.00 ft TICKET NO: 11477 DST #2  
 LOCATION : 6-35s-20w Comanche co KS GR 0.00 ft FORMATION: Elgin SD.  
 INTERVAL : 4146.00 To 4155.00 ft TD 4155.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 0520 to 0550 hr
SI 60	Range (Psi )	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0550 to 0650 hr
SF 60	Clock (hrs)	12hr	12	elec			SF Fr. 0650 to 0750 hr
FS 90	Depth (ft )	4132.0	4132.0	4148.0	0.0	0.0	FS Fr. 0750 to 0920 hr

	Field	1	2	3	4	
A. Init Hydro	1950.0	1950.0	2003.0	0.0	0.0	T STARTED 0303 hr
B. First Flow	44.0	44.0	38.0	0.0	0.0	T ON BOTM 0517 hr
B1. Final Flow	77.0	77.0	108.0	0.0	0.0	T OPEN 0520 hr
C. In Shut-in	1560.0	1560.0	1604.0	0.0	0.0	T PULLED 0920 hr
D. Init Flow	121.0	121.0	117.0	0.0	0.0	T OUT 1125 hr
E. Final Flow	154.0	154.0	166.0	0.0	0.0	
F. Fl Shut-in	1549.0	1549.0	1594.0	0.0	0.0	
G. Final Hydro	1950.0	1950.0	1954.0	0.0	0.0	
Inside/Outside	o	o	i			

TOOL DATA-----  
 Tool Wt. 2800.00 lbs  
 Wt Set On Packer 20000.00 lbs  
 Wt Pulled Loose 120000.00 lbs  
 Initial Str Wt 72000.00 lbs  
 Unseated Str Wt 72000.00 lbs  
 Bot Choke 0.75 in  
 Hole Size 7.78 in  
 D Col. ID 2.25 in  
 D. Pipe ID 3.80 in  
 D.C. Length 362.00 ft  
 D.P. Length 3756.00 ft

RECOVERY

Tot Fluid 420.00 ft of 362.00 ft in DC and 58.00 ft in DP  
 3390.00 ft of gas in pipe  
 50.00 ft of Heavy oil and gas cut mud  
 0.00 ft of 58% gas 20% oil 22% mud  
 190.00 ft of Gassy muddy oil 73% gas 17% oil 10% mud  
 90.00 ft of Slight oil cut muddy water  
 0.00 ft of 1% oil 94% water 5% mud  
 90.00 ft of Water  
 0.00 ft of  
 SALINITY 96000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----  
 Mud Type CHEMICAL  
 Weight 9.00 lb/c  
 Vis. 46.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 108.00 F  
 Hole Condition fair  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out N  
 Tool Chased Y 3.00 ft  
 Tester Ray Schwager  
 Co. Rep. Brad Rine  
 Contr. Abercrombie  
 Rig # 5  
 Unit #  
 Pump T.

BLOW DESCRIPTION

Initial Flow:  
 Weak building to a strong blow in  
 14 mins.  
 Final Flow:  
 Weak building to a strong blow in  
 4 mins.

SAMPLES:  
 SENT TO:

RELEASED  
 MAR 28 2001  
 FROM CONFIDENTIAL

Test Successful: Y



\*\*\* TOOL DIAGRAM \*\*\* CONV

WELL NAME: Snake Creek Rd.#1-6

LOCATION : 6-35s-20w Comanche co KS

TICKET No. 11477 D.S.T. No. 2 DATE 01-21-199

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 33

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 9

TOTAL TOOL ..... 42

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.Stands4 Single Total 362

D.P. ABOVE TOOLS.Stands41 Single 2 Total 3782

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4186

TOTAL DEPTH ..... 4155

TOTAL DRILL PIPE ABOVE K.B. .... 31

REMARKS:  
slid tool approx.3'to bottom after tool open

P.O. SUB	4019
C.O. SUB	4109
S.I. TOOL	4117
HMV	4122
JARS	4127
AP-carrior	4132
SAFETY JOINT	4137
PACKER	4141
PACKER	4146
DEPTH	
STUBB	4147
ANCHOR	
Alpine@	4148
AK-1 @	4132
T.C.	
DEPTH	
5'perf	4152
BULLNOSE 3'bullplug	4155
T.D.	4155

# TEST HISTORY

11477 DST#2 Snake Creek Rd.#1-6 Marmik Oil Co.

	t (Min.)	Pk (PSig)	Flag Points
R:	0.00	2003.39	
B:	0.00	38.98	
C:	29.00	108.31	
D:	60.00	1604.79	
E:	0.00	117.52	
F:	59.50	166.47	
G:	91.50	1594.45	
Q:	0.00	1954.06	

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

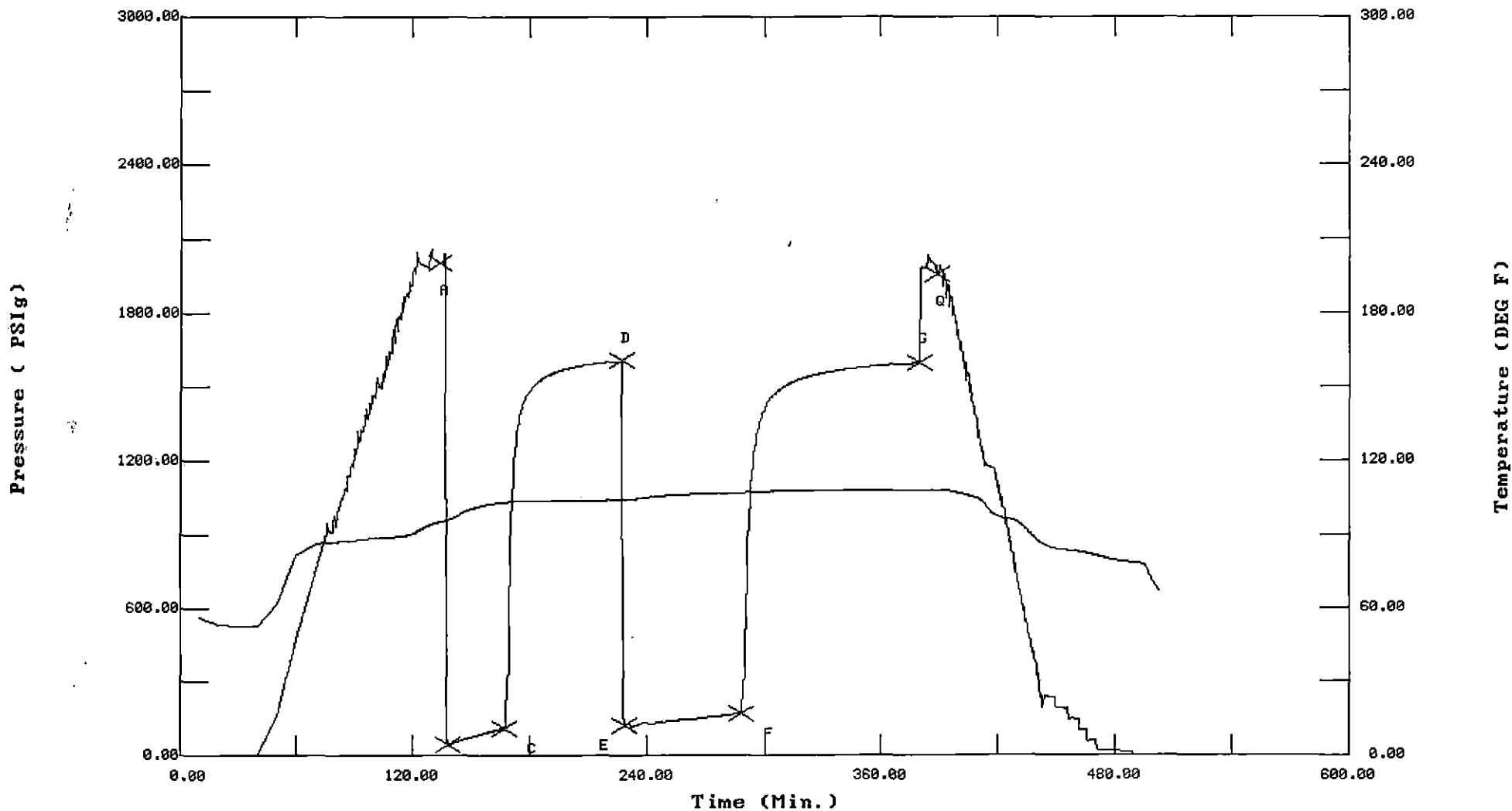
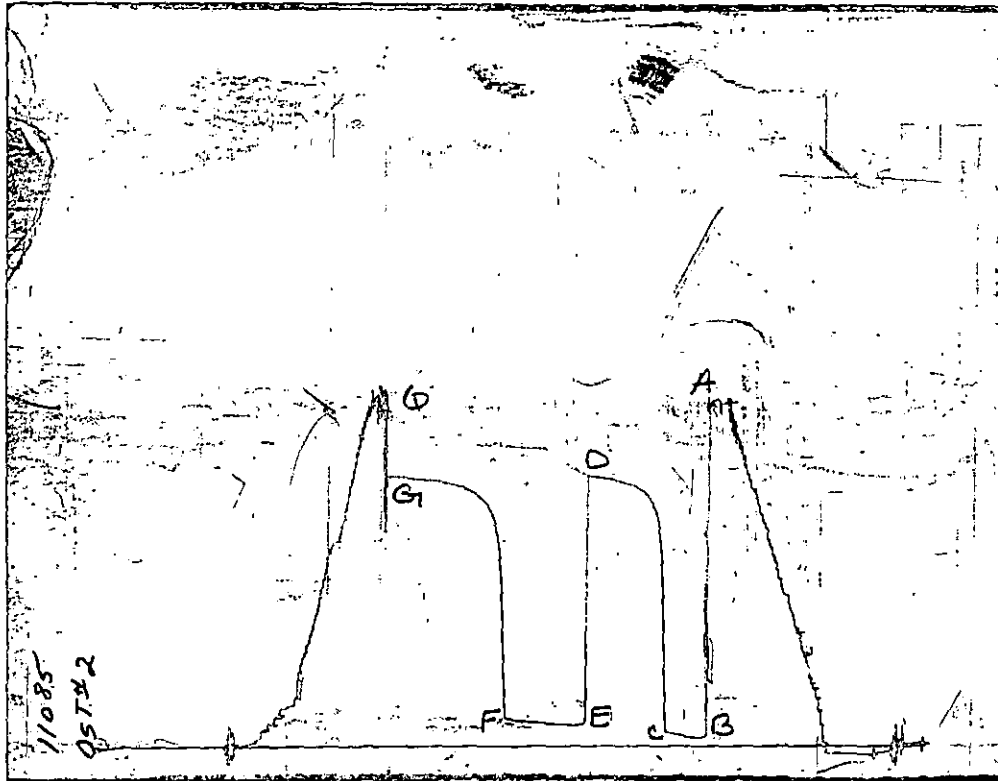


CHART PAGE



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 11477

Well Name & No. Snake Creek Rd. #1-6 Test No. 2 Date 1-21-99  
 Company Marmik Oil Co. Zone Tested Elgin 5d.  
 Address \_\_\_\_\_ Elevation 1768 KB \_\_\_\_\_ GL \_\_\_\_\_  
 Co. Rep / Geo. Brad Pine Cont. Abbeconbie rig 5 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 6 Twp. 35<sup>s</sup> Rge. 20<sup>w</sup> Co. Comanche State Ko  
 No. of Copies Req Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4146 - 4155 Initial Str Wt./Lbs. 72000 Unseated Str. Wt./Lbs. 72000  
 Anchor Length 9 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 125000  
 Top Packer Depth 4141 Tool Weight 2800  
 Bottom Packer Depth 4146 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes  
 Total Depth 4155 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 362  
 Mud Wt. 9 LCM 14 Vis. 46 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run ~~378~~ 3782  
 Blow Description IFP - WEAK building TO A STRONG Blow in 14 min  
IFP - WEAK building TO A STRONG Blow in 4 min  
HAD A Blow BACK on SHUT-IN

Recovery — Total Feet 420 GIP 3390 Ft. in DC 362 Ft. in DP 58  
 Rec. 50 Feet Of H Dr GCM 58 %gas 20 %oil \_\_\_\_\_ %water 22 %mud \_\_\_\_\_  
 Rec. 190 Feet Of GMO 73 %gas 17 %oil \_\_\_\_\_ %water 10 %mud \_\_\_\_\_  
 Rec. 90 Feet Of SOCMW \_\_\_\_\_ %gas 1 %oil 94 %water 5 %mud \_\_\_\_\_  
 Rec. 90 Feet Of WATER \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 108 °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API \_\_\_\_\_  
 RW .09 @ 66 °F Chlorides 96000 ppm Recovery Chlorides 8000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1950</u>	<u>2003</u>		<u>3027</u>	
(B) First Initial Flow Pressure	<u>44</u>	<u>38</u>		(depth) <u>4148</u>	T-Started <u>0303</u>
(C) First Final Flow Pressure	<u>77</u>	<u>108</u>		Recorder No. <u>11085</u>	T-Open <u>0520</u>
(D) Initial Shut-In Pressure	<u>1560</u>	<u>1604</u>		(depth) <u>4132</u>	T-Pulled <u>0920</u>
(E) Second Initial Flow Pressure	<u>121</u>	<u>117</u>		Recorder No. _____	T-Out <u>1125</u>
(F) Second Final Flow Pressure	<u>154</u>	<u>166</u>		(depth) _____	T-Off Location <u>1235</u>
(G) Final Shut-in Pressure	<u>1549</u>	<u>1594</u>		Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>
(Q) Final Hydrostatic Mud	<u>1950</u>	<u>1954</u>		Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>90</u>	Straddle _____

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.

RELEASED

MAR 28 2001

Approved By Brad Pine  
 Our Representative Ray Schwager Thank you  
 TOTAL PRICE \$ 1100

TRILOBITE TESTING L.L.C.

OPERATOR : Marmik Oil Co. DATE 01-26-99  
 WELL NAME: Snake Creek Ranch 1-6 KB 1768.00 ft TICKET NO: 11585 DST #3  
 LOCATION : 6-35s-20w Comanche co KS GR 1756.00 ft FORMATION: Morrow  
 INTERVAL : 5408.00 To 5585.00 ft TD 5585.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 0358 to 0428 hr
SI 60 Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0428 to 0528 hr
SF 45 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0528 to 0613 hr
FS 90 Depth(ft )	5582.0	5582.0	5490.0	0.0	0.0	FS Fr. 0613 to 0743 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	2767.0	0.0	0.0	T STARTED 0051 hr
B. First Flow	0.0	0.0	1135.0	0.0	0.0	T ON BOTM 0354 hr
B1. Final Flow	0.0	0.0	1743.0	0.0	0.0	T OPEN 0358 hr
C. In Shut-in	0.0	0.0	1951.0	0.0	0.0	T PULLED 0745 hr
D. Init Flow	0.0	0.0	1796.0	0.0	0.0	T OUT 1140 hr
E. Final Flow	0.0	0.0	1949.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1959.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	2655.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 165000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 102000.00 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 270.00 ft
						D.P. Length 5131.00 ft

RECOVERY

Tot Fluid 4070.00 ft of 270.00 ft in DC and 3800.00 ft in DP  
 0.00 ft of Gas in all fluid free pipe.  
 430.00 ft of Gas cut mud 12% gas 12% water 76% mud  
 280.00 ft of Gas cut muddy water 10% gas 40% mud 50% water  
 3360.00 ft of Gasc mut muddy water 3% gas 15% mud 82% water  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw .09 ohms @ 55 degrees F.  
 0.00 ft of EST.FT. of PAY----- 12  
 SALINITY 116000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in  
 30 secs.  
 Initial Shut-in:  
 Weak blow. (1/2")  
 Final Flow:  
 Strong blow bottom of bucket in  
 90 secs.  
 Final Shut-in:  
 Fair blow 4-7" Gas to surface in  
 20 mins. in to final shut-in

RELEASED

MAR 28 2001

SAMPLES: none  
 SENT TO: Caraway/Liberal

FROM CONFIDENTIAL

Test Successful: Y

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.00 lb/cf  
 Vis. 50.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.20 in  
 Mud Drop N  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 134.00 F  
 Hole Condition Good  
 % Porosity 20.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00 N  
 Cushion Type None  
 Reversed Out Y  
 Tool Chased N  
 Tester Gary Pevoteaux  
 Co. Rep. Moorehead/Rine  
 Contr. Abercrombie Drlg  
 Rig # 5  
 Unit #  
 Pump T. LCM 4#/bl

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Snake Creek Ranch 1-6  
 LOCATION : Sec.06 Twp.35s Rg.20w Ks  
 TICKET No. 11585 D.S.T. No. 3 DATE 01-26-99  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 23  
 TOTAL TOOL ..... 50  
 RILL COLLAR ANCHOR IN INTERVAL .....  
 .C. ANCHOR STND.Stands Single Total  
 .P. ANCHOR STND.Stands 1 Single 2 Total 154  
 TOTAL ASSEMBLY ..... 204  
 .C. ABOVE TOOLS.Stands3 Single Total 270  
 .P. ABOVE TOOLS.Stands55 Single Total 5131  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5605  
 TOTAL DEPTH ..... 5585  
 TOTAL DRILL PIPE ABOVE K.B. .... 20

REMARKS:  
 Comments: AK-1 rec. chart drum jammed!  
 FLUID SAMPLER DATA (not run)  
 GAS-----  
 OIL----- ML.  
 MUD----- ML.  
 WATER----- ML.  
 OTHER-----  
 PRESSURE----- PSI  
 w ----- ohms @ deg. F.  
 CHLORIDES----- ppm.  
 GRAVITY-----n/a deg.API

P.O. SUB		
C.O. SUB @ top of tool		5381
S.I. TOOL Sterling		5387
Sampler (no)		
HMV Sterling		5392
JARS Bowen		5397
SAFETY JOINT Bowen		5399
PACKER Top		5403
PACKER Btm.		5408
DEPTH 5408		
STUBB 1 ft.		5409
ANCHOR		
perfs		
16' perfs & sub to		5425
Alpine rec. @		5490
T.C.		
DEPTH		
155' pipe & sub to		5580
AK-1 rec. @		5582
BULLNOSE 5 ft. perforated		5585
T.D.		

# TEST HISTORY

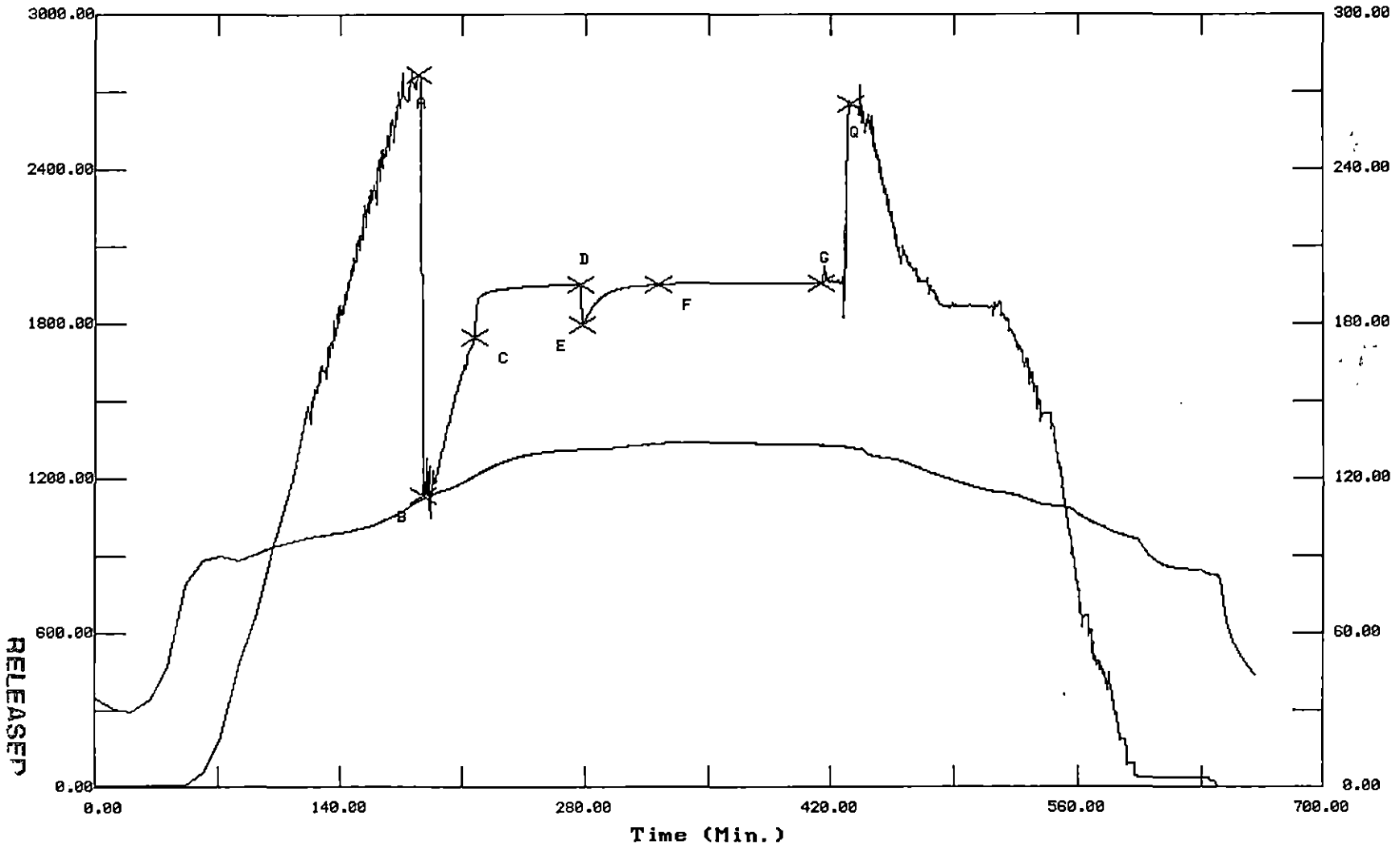
11585 DST#3 SNAKE CREEK RANCH #1-6 MARMIX OIL CO.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2767.43
B:	0.00	1134.61
C:	29.00	1743.26
D:	60.50	1951.48
E:	0.00	1795.80
F:	43.50	1949.30
G:	92.50	1959.15
Q:	0.00	2654.80

Pressure (PSig)

Temperature (DEG F)

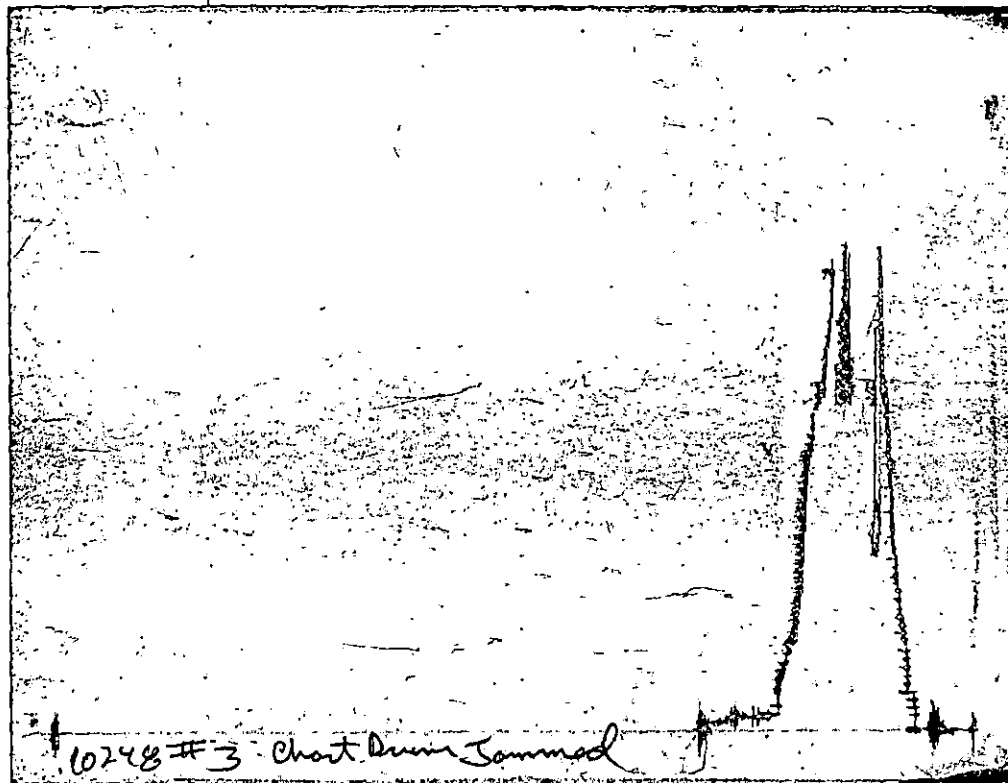


FROM CONFIDENTIAL

MAR 28 2001

RELEASED

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 11585

Well Name & No. <u>SNAKE CREEK RAVEN #1-6</u>		Test No. <u>3</u>	Date <u>1-26-99</u>
Company <u>MARMIK OIL Co.</u>		Zone Tested <u>MORROW</u>	
Address <u>DENVER Co.</u>		Elevation <u>1768</u> KB <u>1756</u> GL	
Co. Rep / Geo. <u>MOOREHEAD / RINE</u>		Cont. <u>MSERROMBIE #8</u>	
Location: Sec. <u>6</u> Twp. <u>35S</u> Rge. <u>20W</u>		Co. <u>COMANCHE</u> State <u>KS.</u>	
No. of Copies <u>5</u>		Distribution Sheet (Y, N) <u>N</u> Turnkey (Y, N) <u>~</u> Evaluation (Y, N) <u>~</u>	

Interval Tested <u>5408-5585'</u>	Initial Str Wt/Lbs. <u>00,000</u>	Unseated Str. Wt/Lbs. <u>102,000</u>
Anchor Length <u>177'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>165,000</u>
Top Packer Depth <u>5403'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>5408'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5585'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>270</u>
Mud Wt. <u>9.0</u> LCM <u>4#</u> Vis. <u>50</u> WL <u>0.8cc.</u>	Drill Pipe Size <u>4 1/2" x 11'</u>	Ft. Run <u>5131'</u>
Blow Description <u>IF: Strong below. Stem of bucket in 30 secs.</u>		
<u>FSI: Weak below. 1/2"</u>		
<u>FF: Strong below. Stem of bucket in 1/2 mins. FSI: <del>Weak</del></u>		
<u>Fair below 675 20 mins, led to FSI.</u>		

Recovery — Total Feet <u>4070</u>	Fluid GIP <u>yes</u>	Ft. in DC <u>270</u>	Ft. in DP <u>3800</u>
Rec. <u>430</u> Feet Of <u>G.C.M.</u>	<u>12</u> %gas	<u>12</u> %oil	<u>76</u> %water <u>76</u> %mud
Rec. <u>280</u> Feet Of <u>GCMW</u>	<u>10</u> %gas	<u>50</u> %oil	<u>40</u> %water <u>40</u> %mud
Rec. <u>3360</u> Feet Of <u>GCMW</u>	<u>3</u> %gas	<u>82</u> %oil	<u>15</u> %water <u>15</u> %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
BHT <u>124</u> °F Gravity <u>NA</u>	°API D@ <u>~</u>	°F Corrected Gravity <u>NA</u>	°API _____
RW <u>.09</u> @ <u>SS</u> °F Chlorides <u>116,000</u>	ppm Recovery	Chlorides <u>7,000</u>	ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2767</u>	PSI	Recorder No. <u>2342</u>	T-On Location <u>2315</u>	
(B) First Initial Flow Pressure	<u>135</u>	PSI	(depth) <u>5490'</u>	T-Started <u>0051</u>	
(C) First Final Flow Pressure	<u>1743</u>	PSI	Recorder No. <u>10248</u>	T-Open <u>0358</u>	
(D) Initial Shut-In Pressure	<u>1951</u>	PSI	(depth) <u>5582'</u>	T-Pulled <u>0745</u>	
(E) Second Initial Flow Pressure	<u>1796</u>	PSI	Recorder No. <u>~</u>	T-Out <u>1140</u>	
(F) Second Final Flow Pressure	<u>1949</u>	PSI	(depth) <u>~</u>	T-Off Location _____	
(G) Final Shut-in Pressure	<u>1959</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800</u>	
(Q) Final Hydrostatic Mud	<u>2655</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>	
			Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>	
			Final Shut-in <u>90</u>	Straddle _____	
				Circ. Sub <input checked="" type="checkbox"/> <u>35</u>	
				Sampler _____	
				Extra Packer _____	
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>	
				Mileage _____	
				Other _____	

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**RELEASED**

Approved By Robert Moorehead MAR 28 2001

Our Representative Cory Moorehead TOTAL PRICE \$ 1235.00

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Marmik Oil Co. DATE 01-27-99  
 WELL NAME: Snake Creek Ranch 1-6 KB 1768.00 ft TICKET NO: 11586 DST #4  
 LOCATION : 6-35s-20w comanche co KS GR 1756.00 ft FORMATION: Miss.  
 INTERVAL : 5792.00 To 5844.00 ft TD 5844.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 2308 to 2338 hr
SI 60 Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2338 to 0038 hr
SF 30 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0038 to 0108 hr
FS 90 Depth(ft )	5841.0	5841.0	5805.0	0.0	0.0	FS Fr. 0108 to 0238 hr

	Field	1	2	3	4	
A. Init Hydro	2889.0	2907.0	2886.0	0.0	0.0	T STARTED 2046 hr
B. First Flow	125.0	145.0	118.0	0.0	0.0	T ON BOTM 2300 hr
B1. Final Flow	128.0	151.0	122.0	0.0	0.0	T OPEN 2308 hr
C. In Shut-in	175.0	186.0	166.0	0.0	0.0	T PULLED 0241 hr
D. Init Flow	128.0	161.0	123.0	0.0	0.0	T OUT 0445 hr
E. Final Flow	128.0	161.0	126.0	0.0	0.0	
F. Fl Shut-in	148.0	187.0	155.0	0.0	0.0	
G. Final Hydro	2845.0	2838.0	2800.0	0.0	0.0	TOOL DATA-----
Inside/Outside	O	O	I	T		Tool Wt. 2100.00 lbs
						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 165000.00 lbs
						Initial Str Wt 82000.00 lbs
						Unseated Str Wt 102000.00 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 270.00 ft
						D.P. Length 5498.00 ft

RECOVERY

Tot Fluid 185.00 ft of 185.00 ft in DC and 0.00 ft in DP  
 185.00 ft of Drilling 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  
 0.00 ft of Rw n.c. ohms @ degrees F.  
 0.00 ft of EST.FT. of PAY----- 6  
 SALINITY 7500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	50.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	4.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	Good
* Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased Y	3.00 ft
Tester	Gary Pevoteaux
Co. Rep.	Moorehead/Rine
Contr.	Abercrombie Drlg
Rig #	5
Unit #	
Pump T.	LCM 4#/bl

BLOW DESCRIPTION

Initial Flow:  
 Weak blow 3.5" decreasing to 2"  
 Initial Shut-in:  
 No blow  
 Final Flow:  
 No blow  
 Final Shut-in:  
 No blow.

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

SAMPLES: none  
 SENT TO: Caraway/Liberal

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Snake Creek Ranch 1-6  
 LOCATION : Sec.06 Twp.35s Rg.20w Ks  
 TICKET No. 11586 D.S.T. No. 4 DATE 01-27-99  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 21  
 TOTAL TOOL ..... 48  
 DRILL COLLAR ANCHOR IN INTERVAL .....  
 O.C. ANCHOR STND.Stands Single Total  
 O.P. ANCHOR STND.Stands Single 1 Total 31  
 TOTAL ASSEMBLY ..... 79  
 O.C. ABOVE TOOLS.Stands3 Single Total 270  
 O.P. ABOVE TOOLS.Stands59 Single Total 5498  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5847  
 TOTAL DEPTH ..... 5844  
 TOTAL DRILL PIPE ABOVE K.B. .... 3

REMARKS:  
 Comments: 4 ft. fill on btm. Slid tool 3 ft.  
 to btm.

FLUID SAMPLER DATA (not run)  
 AS-----  
 IL----- ML.  
 UD----- ML.  
 ATER----- ML.  
 THER-----  
 PRESSURE----- PSI  
 w ----- ohms @ deg. F.  
 FLORIDES----- ppm.  
 GRAVITY-----n/a deg.API

P.O. SUB	
C.O. SUB @ top of tool	5765
S.I. TOOL Sterling	5771
Sampler (no)	
HMV Sterling	5776
JARS Bowen	5781
SAFETY JOINT Bowen	5783
PACKER Top	5787
PACKER Btm.	5792
DEPTH 5792	
STUBB 1 ft.	5793
ANCHOR	
9' perms & sub to Alpine rec.@	5802 5805
T.C. DEPTH	
1 jt. pipe to	5833
6' pipe & sub to	5839
AK-1 rec. @	5841
BULLNOSE 5 ft. perforated T.D.	5844

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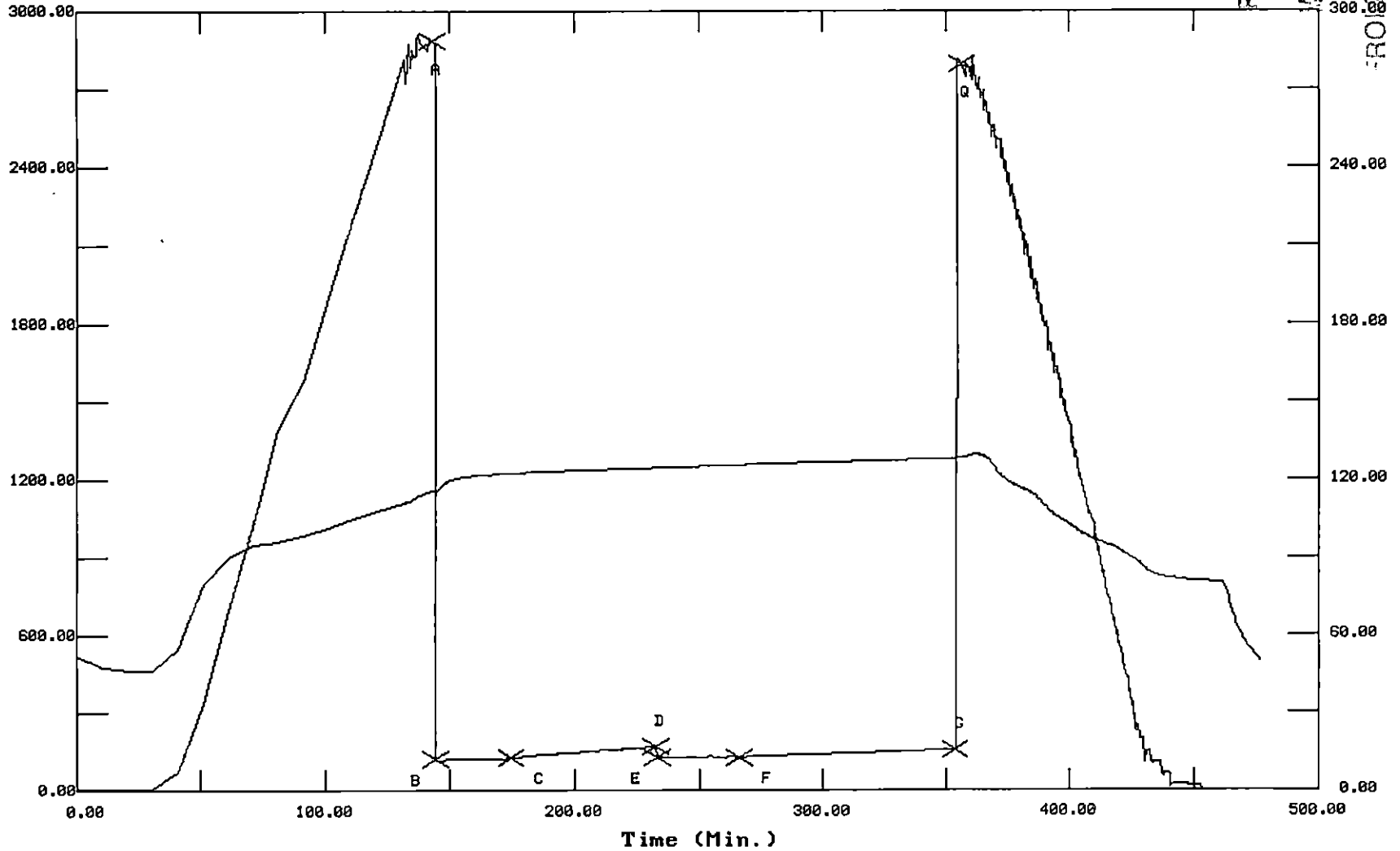
# TEST HISTORY

11586 DST#4 SNAKE CREEK RANCH #1-6 MARMIK OIL CO.

Flag Points  
t (Min.) P (PSig)

A:	0.00	2885.85
B:	0.00	117.74
C:	30.00	122.36
D:	58.00	165.50
E:	0.00	122.86
F:	33.00	125.77
G:	87.50	154.67
Q:	0.00	2799.66

Pressure ( PSig )



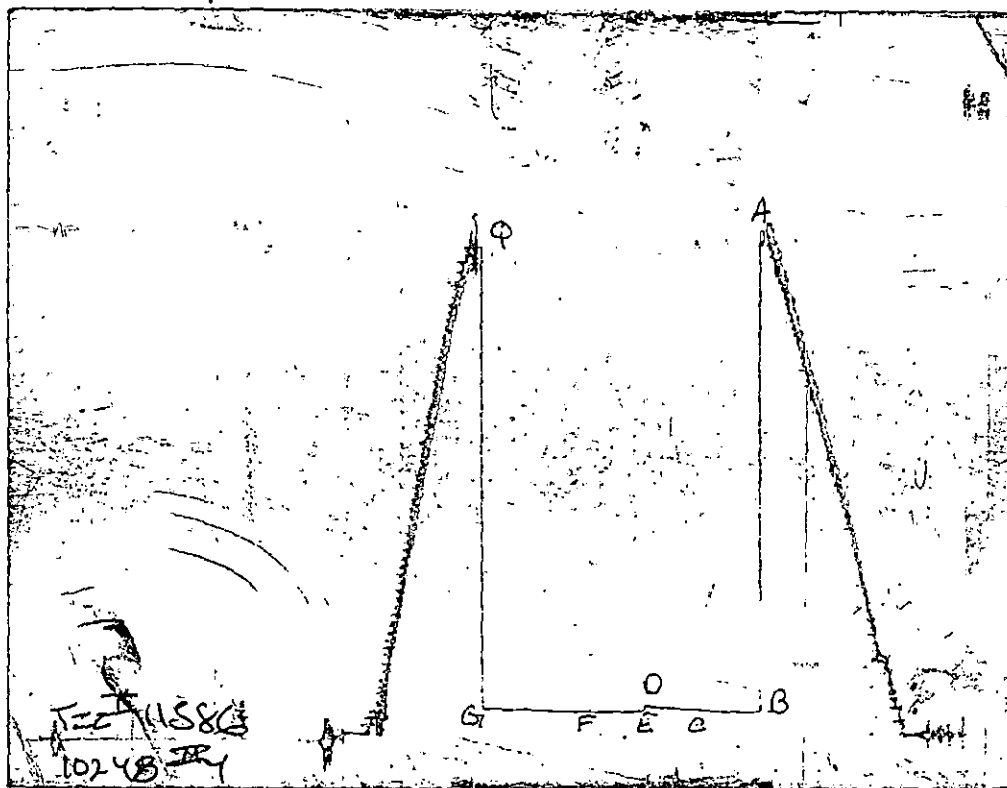
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Temperature (DEG F)

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 11586

Well Name & No. Snake Creek Ranch #1-6 Test No. 4 Date 1-27-99  
 Company Marmak Oil Co. Zone Tested Mass.  
 Address Denver Co. Elevation 1768 KB 1756 GL  
 Co. Rep / Geo. Morganhead / Rine Cont. Abrahamson Drive #5 Est. Ft. of Pay 6 Por. 10 %  
 Location: Sec. 6 Twp. 35 S Rge. 20 W Co. Comanche State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 5792 - 5844 Initial Str Wt./Lbs. 82000 Unseated Str Wt./Lbs. 82000  
 Anchor Length 52' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 110,000  
 Top Packer Depth 5787' Tool Weight 2100 lb  
 Bottom Packer Depth 5792' Hole Size — 7 7/8" L Rubber Size — 6 3/4" ✓  
 Total Depth 5844 Wt. Pipe Run None Drill Collar Run 270'  
 Mud Wt. 9.0 LCM 4# Vis. 50 WL 9.6cc. Drill Pipe Size 4 1/2" x H. Ft. Run 5498'  
 Blow Description IF: Wt. 2' below, (3 1/2") decreasing to 2".  
ISI: No below.  
FF: No below. FSI: No below.  
 COMMENT: hid tool 2-3' to bottom.

Recovery — Total Feet 185 GIP No Ft. in DC 185 Ft. in DP 0  
 Rec. 185 Feet Of Wt. Mud. %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  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 BHT 128 °F Gravity N/A °API D@ \_\_\_\_\_ °F Corrected Gravity N/A °API  
 RW N/C. @ \_\_\_\_\_ °F Chlorides 7,500 ppm Recovery Chlorides 7,500 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2889</u>	<u>2884</u>		<u>2342</u>	<u>1900</u>
(B) First Initial Flow Pressure	<u>125</u>	<u>118</u>		<u>5805'</u>	<u>2046</u>
(C) First Final Flow Pressure	<u>128</u>	<u>122</u>		<u>10248</u>	<u>2308</u>
(D) Initial Shut-In Pressure	<u>175</u>	<u>166</u>		<u>5841'</u>	<u>0241</u>
(E) Second Initial Flow Pressure	<u>128</u>	<u>123</u>		<u>_____</u>	<u>0445</u>
(F) Second Final Flow Pressure	<u>128</u>	<u>126</u>		<u>_____</u>	<u>0600</u>
(G) Final Shut-in Pressure	<u>148</u>	<u>155</u>		<u>30</u>	<u>800</u>
(Q) Final Hydrostatic Mud	<u>2845</u>	<u>2800</u>		<u>60</u>	<u>200</u>
				<u>30</u>	<u>50</u>
				<u>90</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 Robert Morganhead  
 Our Representative Gary Morganhead

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Straddle \_\_\_\_\_  
 Circ. Sub \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Extra Packer ✓  
 Elec. Rec. ✓ 150  
 Mileage \_\_\_\_\_  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ ✓ 1200.00

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KCC

FEB 26

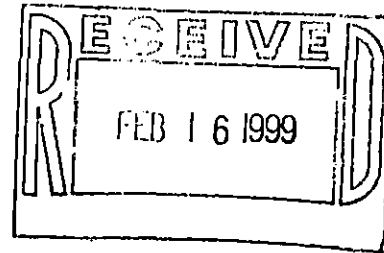
CONFIDENTIAL



CLARKE CORPORATION • P.O. BOX 187 •  
MEDICINE LODGE, KANSAS 67104 • A.C. 316 886-5865  
FAX (316) 886-9855  
WATTS 1-(800)-371-1643

SOLD TO

MARNIK OIL CO.  
200 N. JEFFERSON  
#500  
EL DORADO, AR 71730



INVOICE NO.

00054952

PAGE 1

INVOICE DATE	CUSTOMER NO.	LEASE	FIELD ORDER NO.
02/12/99	0193	SNAKE CREEK RANCH 1 C	48030
DATE	TICKET NO.	DESCRIPTION	AMOUNT
02/03/99	17925	3.00 HRS AT \$37.400 HAULED 30 DBLS. RESERVE PIT WATER OFF TO HARMAN SWD (HTT)	\$112.20*
02/03/99		30.00 DBLS AT \$0.500 HARMON PIT WATER DISPOSAL CHARGE	\$40.00*
02/04/99	17926	7.50 HRS AT \$37.400 HAULED 240 DBLS. WATER OFF RESERVE PIT TO HARMON SWD. (HTT)	\$280.50*
02/04/99		240.00 DBLS AT \$0.500 HARMON PIT WATER DISPOSAL CHARGE	\$120.00*
02/05/99	17937	5.00 HRS AT \$40.800 VACUUM TRUCK PULLED MUD OUT OF RESERVE PIT, PUT INTO WORKING PIT FOR PLUG.	\$234.00*
CURRENT		OVER 30 DAYS	OVER 60 DAYS
		SALES TAX OVER 90 DAYS	TOTAL DUE
			\$786.70

*Thank You!*

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CLARKE CORPORATION • P.O. BOX 187 •  
MEDICINE LODGE, KANSAS 67104 • A.C. 316 886-5885  
FAX (316) 886-9855  
WATTS 1-(800)-371-1643

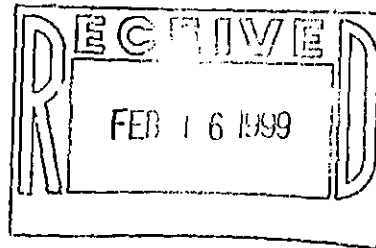
KCC

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**SOLD TO**

MARMIK OIL CO.  
200 N. JEFFERSON  
1500  
ELL DORADO, AR 71730



INVOICE NO.  
00054971

PAGE 1

INVOICE DATE	CUSTOMER NO.	LEASE	FIELD ORDER NO.
02/12/99	0180	SNAKE CREEK RANCH 1-C	18049
DATE	TICKET NO.	DESCRIPTION	AMOUNT
02/03/99	29882	3.00 HRS AT \$37.400 PULLED FREE WATER OFF RESERVE PIT & HAULED TO HARMON SWD. (ATT)	\$112.20*
02/03/99		00.00 DBLS AT \$0.500 HARMON PIT WATER DISPOSAL CHARGE	\$40.00*
CURRENT			\$ 00
OVER 30 DAYS			
OVER 60 DAYS			
OVER 90 DAYS			
TOTAL DUE			\$152.20

*Marmik Oil Co.*

A ... MONTHS SERVICE CHARGE ( ... % PER ANNUM)

PLEASE PAY FROM THIS INVOICE



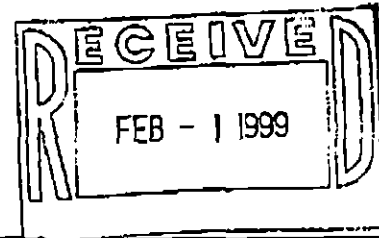
ALLIED CEMENTING CO., INC.  
P.O. BOX 31  
RUSSELL, KS 67665  
PH (785) 483-3887  
FAX (785) 483-5566

\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

Invoice Number: 078808

Invoice Date: 01/22/99

Sold Marmik Oil Co.  
To: 200 N. Jefferson, #500  
Eldorado, Arkansas  
71730



Cust I.D.....: Marm  
P.O. Number...: Sh.CreekRan1-6  
P.O. Date.....: 01/22/99  
Due Date.: 02/21/99  
Terms.....: Net 30

Item I.D./Desc.	Qty	Used	Unit	Price	Net	TX
Common	200.00		SKS	6.3500	1270.00	E
Gel	4.00		SKS	9.5000	38.00	E
Chloride	12.00		SKS	28.0000	336.00	E
ALW	150.00		SKS	6.0000	900.00	E
FloSeal	38.00		LBS	1.1500	43.70	E
Handling	400.00		SKS	1.0500	420.00	E
Mileage (43)	43.00		MILE	16.0000	688.00	E
400 sks @\$ .04 per sk per mi						
Conductor	1.00		JOB	470.0000	470.00	E
Extra Footage	34.00		PER	0.4300	14.62	E
Mileage pmp trk	43.00		MILE	2.8500	122.55	E
Wooden plug	1.00		EACH	70.0000	70.00	E
Baffle Plate	1.00		EACH	200.0000	200.00	E
Baskets	2.00		EACH	277.0000	554.00	E
Centralizers	2.00		EACH	95.0000	190.00	E

All Prices Are Net, Payable 30 Days Following  
Date of Invoice, 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$ 297.54  
ONLY if paid within 30 days from Invoice Date

Subtotal: 5316.87  
Tax.....: 0.00  
Payments: 0.00  
Total....: 5316.87

*Handwritten initials*

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FROM CONFIDENTIAL



FEB 09 1999

CEMENTING LOG

ORIGINAL

STAGE NO.

CONFIDENTIAL

ORIGINAL

Date 2-5-99 District Medicine Lodge Ticket No. 1560  
 Company Albemarle Oil Co. Rig Albemarle  
 Lease Snake Creek Ranch Well No. 16  
 County Clark State KS  
 Location SITKA, South to State Line Field 6355-800  
3/4 E, 1/2 N, SW 2 miles to location

CEMENT DATA:  
 Spacer Type: Fresh Water  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40:6  
 Amt. 125 Skys Yield 1.58 ft<sup>3</sup>/sk Density 13.8 PPG

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead 1.8 gals/sk Tail \_\_\_\_\_ gals/sk Total 2.3 Bbls.

Drill Pipe: Size 4 1/2 Weight 16.60 Collars \_\_\_\_\_  
 Open Hole: Size 12 T.D. 2297 ft. P.B. to \_\_\_\_\_ ft.

Pump Trucks Used 256-265 Share Winsor  
 Bulk Equip. 258-250 Mark Bavingardt  
KCC

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.70  
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.59  
 Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. 20.32  
 Annulus: Bbls/Lin. ft. 0.406 Lin. ft./Bbl. 24.64  
 Bbls/Lin. ft. 0.440 Lin. ft./Bbl. 22.72  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type CONFIDENTIAL Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top wooden Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type Freshwater Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type Drill Mud Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Bill Craig

CEMENTER Carl Dalding

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
2:00						on location + Rig up.
			8.5	8.5		1st plug 700'
			19.25	11.25		ump 85 bbls Freshwater spacer
			22.75	3		ump 40 x 60'
			112.75	90		ump 3 bbls Freshwater spacer
						Start Mud Displacement (90 bbls)
11:25 am	100		121.25	8.5	5	2nd plug 720'
	100		135.25	14	5	ump 85 bbls freshwater spacer
	100		137.25	2.5	5	ump 50 x 60:40:6
			140.25	2.5	3	Start Freshwater spacer
						Start Mud Displacement
1:00 am			143.25	3	2	3rd plug 40'
			146.25	3	2	ump 40 x 60:40:6
			150.75	4.5	2	ump 10 x in Mouse Hole
						ump 15 x in Hat Hole

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ORIGINAL

# ALLIED CEMENTING CO., INC. 9560

**CONFIDENTIAL**

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

6661 6 0 831  
FEB 0 9 1999

ORIGINAL  
SERVICE POINT: Medicine Lodge

DATE <u>2-5-99</u>	SEC. <u>6</u>	TWP. <u>35 S</u>	RANGE <u>20 W</u>	CALLED OUT <u>10:30 AM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>1:00 AM</u>
Snake Creek LEASE Ranch		WELL# <u>1-1</u>	LOCATION <u>SITKA, South to State line</u>	COUNTY <u>CLARK</u>	STATE <u>Ks.</u>		
OLD OR <u>NEW</u> (Circle one)			<u>3/4 E, 1/2 N, 2 1/2 E to location</u>				

CONTRACTOR Abercrombie #5  
 TYPE OF JOB Rotary plug  
 HOLE SIZE 7 1/8 T.D. 5270  
 CASING SIZE 8 3/8 DEPTH 691  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 7200  
 TOOL DEPTH  
 PRES. MAX. 500 MINIMUM 100  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER Marnik Oil Co.  
 CEMENT AMOUNT ORDERED 125 sx 60:40:6

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING @  
 MILEAGE @

EQUIPMENT  
 PUMP TRUCK CEMENTER CARL Dildung  
 #256-263 HELPER Shane Winsor  
 BULK TRUCK  
 #258-250 DRIVER Mark Drungardt  
 BULK TRUCK  
 # DRIVER

TOTAL \_\_\_\_\_

REMARKS:

SERVICE

pump 40 sx 7200'  
 50 sx 720'  
 10 sx 40'  
 10 sx waste hole  
 15 sx RAT hole

DEPTH OF JOB 7200'  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 PLUG wooden @  
 @  
 @

CHARGE TO: Marnik Oil Co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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FEB 28 2001

FLOAT EQUIPMENT

FROM CONFIDENTIAL

@  
 @  
 @  
 @  
 @

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.

TOTAL \_\_\_\_\_  
 TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE W.C. Craig

W.C. CRAIG  
PRINTED NAME

RECEIVED  
STATE CONSERVATION COMMISSION

MAR - 1 1999

CONSERVATION DIVISION  
Wichita, Kansas

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MAR 28 2001

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