

STATE CORPORATION COMMISSION OF KANSAS
OIL AND CONSERVATION DIVISION
WELL REPORT ON OIL AND GAS WELL
DESCRIPTION OF WELL AND LEASE

API NO. 15- 033-21071-0000

County Comanche

E/2-NE/4 SW/4 Sec. 18 Twp. 31S Rge. 19 X W

1980 Feet from ~~S~~(circle one) Line of Section

1980 Feet from ~~E~~(circle one) Line of Section

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

Lease Name Arlie Well # 18-1

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 2119 KB 13

Total Depth 5493' PBTD

Amount of Surface Pipe Set and Cemented at 664 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 Part 1 5/21/01 AB
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used KCC

Location of fluid disposal if hauled offsite: MAY 05 2000

Operator Name MAY 29 2001 **CONFIDENTIAL**

Lease Name FROM CONFIDENTIAL License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 32384

Name: Comanche Exploration

Address 9520 N. May Ave. - Suite 370

City/State/Zip Oklahoma City, OK 73120

Purchaser: EOIT Energy Operating

Operator Contact Person: Doug Schoppa

Phone (405) 755-5900

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: _____

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

X Oil _____ SWD _____ SLOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc) _____

RECEIVED
KANSAS CORPORATION COMMISSION
05-16-2000
MAY 16 2000
CONSERVATION DIVISION
WICHITA, KS

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

03/31/00 04/12/00 05/05/00
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Gama Silver

Title Geology Assistant Date 05/05/00

Subscribed and sworn to before me this 5th day of May 19 2000

Notary Public Rachel Watts

Date Commission Expires 05/01/02

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)

X

SIDE TWO

Operator Name Comanche Exploration Lease Name Archie Well # 18-1

Sec. 18 Twp. 31S Rge. 19 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. (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sand and Red Bed	669'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Red Bed	1,075'	
List All E. Log- Run: Induction, Density & Micro		Red Bed, Sand, Shale	1,610'	
		Shale and Lime	5,493'	
		Rotary Total Depth	5,493'	

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"	78.6#	91	Class H	250	2% CaCl
Surface	12-1/4"	8-5/8"	24	664	Class A	550	2% CC 2% gel 1/4# flo seal
Production(used)	7-7/8"	4-1/2"	11.6#	5493'	Class H	225	10% salt 10% gypsum

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JHPF	5068-72', 5080-94', 5116-20'	4000 gals 15%NEFE 100 bbls	
		slick water	

TUBING RECORD	Size 2-3/8"	Set At 5120'	Packer At 5012'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

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

Production Interval: 5068-5120' OA

ALLIED CEMENTING CO., INC. 1435

Federal Tax I.D.#

ORIGINAL

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

CONFIDENTIAL

SERVICE POINT:

3-30-00 med. lodge, ks.
10:30 a.m. 3-30-00 3:30-00

DATE <u>3-29-00</u>	SEC. <u>18</u>	TWP. <u>3ls</u>	RANGE <u>19W</u>	CALLED OUT <u>2:00 p.m.</u>	ON LOCATION <u>4:00 p.m.</u>	JOB START <u>12:45 p.m.</u>	JOB FINISH <u>1:30 p.m.</u>
LEASE <u>Active</u>		WELL # <u>1-18</u>		LOCATION <u>Caldwater, 4n-5 3/4 W-0/S</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Big Buckets

TYPE OF JOB Conductor

HOLE SIZE 30" T.D. 90'

CASING SIZE 20" DEPTH 91'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 100 MINIMUM 2.5

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15' By Request

PERFS. _____

DISPLACEMENT Fresh H₂O 2 7/4

EQUIPMENT

PUMP TRUCK # 343 CEMENTER Larry Dreiling
HELPER Justin Hart

BULK TRUCK # 301 DRIVER DAVID F. / KEVIN B.

BULK TRUCK # _____ DRIVER _____

OWNER Comanche Resources

CEMENT

AMOUNT ORDERED 250 SX. CLASS A

2% cc.

COMMON <u>A 250</u>	@ <u>6.35</u>	<u>1587.50</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>6</u>	@ <u>28.00</u>	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>250</u>	@ <u>1.05</u>	<u>262.50</u>
MILEAGE <u>250 x .45</u>	<u>.04</u>	<u>450.00</u>

RELEASED

KCC
MAY 05 2000
CONFIDENTIAL FROM []
MAY 29 2001 TOTAL 2468.00

REMARKS:

Pipe on Bottom - Break Circ
mix + Pump 250sx CLASS A + 2% cc.
Displace Cement w/ 2 7/4 Bds. Fresh
H₂O. Shutt. In. Cement Did Circ

DEPTH OF JOB 90'

PUMP TRUCK CHARGE _____ 470.00

EXTRA FOOTAGE @ _____

MILEAGE 45 @ 3.00 135.00

PLUG @ _____

TOTAL \$ 605.00

CHARGE TO: Comanche Resources

STREET P.O. Box 25

CITY SELLING STATE OKLA. ZIP 73663

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

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 \$ 3073.00

DISCOUNT 460.95 IF PAID IN 30 DAYS
\$2612.05

SIGNATURE Bobby E. Thornton X BOBBY E. THORNTON
PRINTED NAME

CONFIDENTIAL

ORIGINAL

KCC

MAY 05 2000

May-05-00 09:36A Allied Cementing Co

3167936099

CONFIDENTIAL P.04



CEMENTING LOG

STAGE NO:

Date 3-29-00 District med. lodge Ticket No. 1435
Company Comanche Resources Rig Big Buckets
Lease Comanche Well No.
County Comanche State KS
Location Coldwater, 4N-574W Field 18-31-19
NIS

CASING DATA: PIA Squeeze Liner
Surface Intermediate Production Liner
Size 20" Type Weight Collar

Casing Depths: Top Bottom

Drill Pipe: Size Weight Collars
Open Hole: Size 30" T.D. ft. PB to ft.

CAPACITY FACTORS

Open Holes: Bbls/Lin ft Lin. ft/Bbl
Drill Pipe: Bbls/Lin. ft Lin. ft/Bbl
Annulus: Bbls/Lin. ft Lin. ft/Bbl
Bbls/Lin. ft 4857 Lin. ft/Bbl 2.0588

Perforations: From ft to ft Amt

CEMENT DATA:

Spacer Type: Amt Sks Yield ft/sk Density PPG
LEAD Pump Time hrs. Type Excess
TAIRL Pump Time hrs. Type CLASS A
Amt 250 Sks Yield 11.7 ft/sk Density 15.6 PPG
WATER: Laud gals/sk Total gals/sk Total Bbls

Pump Trucks Used 343
Bulk Equip. 301 RELEASED

MAY 29 2001

Float Equip: Manufacturer
Shoe Type FROM CONFIDENTIAL
Centralizers quantity Depth
Stage Collars
Special Equip
Disp. Hood Type Fresh H2O Amt. 27/4 Bbls. Weight 8.34 PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE: Bucket Thornton

CEMENTER: Larry Dreiling

Table with columns: TIME, PRESSURES PSI, FLUID PUMPED DATA, REMARKS. Includes handwritten entries for 4:00 PM, 9:30 PM, 1:00 PM, and 1:30.

FINAL DISP. PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BBLs

THANK YOU

ALLIED CEMENTING CO., INC.

1436

CONFIDENTIAL

Federal Tax I.D.

ORIGINAL

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

SERVICE POINT:

med. lodge, ks
4-1-00

DATE <u>3-31-00</u>	SEC. <u>18</u>	TWP. <u>31s</u>	RANGE <u>19w</u>	CALLED OUT <u>2:00 P.M.</u>	ON LOCATION <u>6:30 P.M.</u>	JOB START <u>5:30 P.M.</u>	JOB FINISH <u>8:20 P.M.</u>
LEASE <u>Price</u>	WELL # <u>1-18</u>	LOCATION <u>Goldwater 4 into Wilmore</u>			COUNTY <u>Comanche</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one)		<u>B-Top 6w-1/2n-1/4E-3/5</u>					

CONTRACTOR H-40 Dnq.
 TYPE OF JOB Surface Csg.
 HOLE SIZE 12 1/4 TD. 670'
 CASING SIZE 8 5/8 x 24 DEPTH 666'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 600 MINIMUM 150
 MEAS. LINE _____ SHOE JOINT 43.00
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT Fresh H₂O / 40 Bbs
 EQUIPMENT

PUMP TRUCK CEMENTER Larry Dneiling
 # 343 HELPER Justin Hart
 BULK TRUCK _____
 # 240 DRIVER David West
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER Comanche Resources

CEMENT
 AMOUNT ORDERED 250s x All wt 2%cc
1/4# Flo-Seal 200s x CLASS A + 2%cc
100s x CLASS A + 3%cc + 2% Gel.

COMMON A	<u>300</u>	@	<u>6.35</u>	<u>1905.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>14</u>	@	<u>28.00</u>	<u>392.00</u>
AWW	<u>250</u>	@	<u>6.00</u>	<u>1500.00</u>
FLO-SEAL	<u>63#</u>	@	<u>1.15</u>	<u>72.45</u>
		@		
		@		
HANDLING	<u>550</u>	@	<u>1.05</u>	<u>577.50</u>
MILEAGE	<u>550</u>	x	<u>45 .04</u>	<u>990.00</u>
		KCC RELEASED		

MAY 05 2000

MAY 29 2001

TOTAL # 5155.95

REMARKS:

Pipe on Bottom - Pump Capacity / csg
Cement w/ 200s x All wt + 2%cc
1/4# Flo-Seal 100s x CLASS A + 2%cc
Release Plug Displace w/ 40 Bbs
Fresh H₂O Pump Pipe Float Held Topout
max lit + 100s x CLASS A + 2%cc + 100s x
CLASS A + 3%cc + 2% Gel Cement Circ
to surface

DEPTH OF JOB	<u>666'</u>			
PUMP TRUCK CHARGE	<u>0:300'</u>			<u>470.00</u>
EXTRA FOOTAGE	<u>366'</u>	@	<u>.43</u>	<u>157.38</u>
MILEAGE	<u>45</u>	@	<u>3.00</u>	<u>N/C</u>
PLUG ROBBE	<u>8 1/2"</u>	@	<u>105.00</u>	<u>105.00</u>
		@		
		@		

TOTAL # 732.38

CHARGE TO: Comanche Resources
 STREET P.O. Box 25
 CITY SEILING STATE OKLA ZIP 73663

FLOAT EQUIPMENT

1-AFU Insert	@	<u>325.00</u>	<u>325.00</u>
1-Saw tooth shoe	@	<u>300.00</u>	<u>300.00</u>
2-Baskets	@	<u>180.00</u>	<u>360.00</u>
1-Threadlok	@	<u>30.00</u>	<u>30.00</u>
1-Req Guide shoe	@	<u>215.00</u>	<u>215.00</u>

TOTAL # 1230.00

TAX _____

TOTAL CHARGE \$ 7418.33

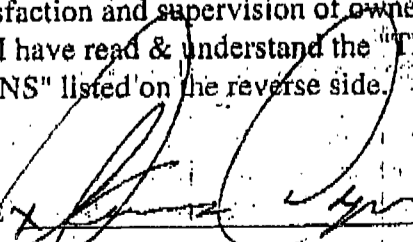
DISCOUNT 1112.75 IF PAID IN 30 DAYS

6305.58
 X DENNIS DYE
 PRINTED NAME

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



CONFIDENTIAL

ORIGINAL

KCC
MAY 05 2000
CONFIDENTIAL

May-05-00 09:36A Allied Cementing Co

3167936099

P.02



CEMENTING LOG

STAGE NO

Date 3-31-00 District med. lodge Ticket No. 1436
Company Comanche Resources Rig H-40
Lease Arile Well No.
County Comanche State KS
Location Coldwater, 4 into willmore Field
B-Top. 6w2

CASING DATA: PTA Squeeze
Surface 4 Intermediate Production Liner
Size 8 5/8 Type _____ Weight 24 Collar _____

Casing Depths: Top 90' - 20" Bottom _____

Drill Pipe Size 4 1/2 Weight 16.60 Collars hole
Open Hole Size 12 1/4 T.D. 670 ft. P.H. to _____ ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. 1.0637 Lin. ft./Bbl. 15.70
Open Holes: Bbls/Lin. ft. 1.458 Lin. ft./Bbl. 6.8599
Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus: Bbls/Lin. ft. 0.735 Lin. ft./Bbl. 13.6037
Bbls/Lin. ft. 2830 Lin. ft./Bbl. 3.53

Perforations From _____ ft. to _____ ft. Amt _____

CEMENT DATA

Spacer type: _____
Amt. _____ Skis Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type ALWt + 2%CC
1/4# Flo-seal Excess _____

Amt. 200 Skis Yield 1.98 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type CLASS A
2%CC Excess _____

Amt. 200 Skis Yield 1.17 ft³/sk Density 15.6 PPG

WATER: Level 10.9 gals/sk Int. 5.2 gals/sk Int. _____ Hbls

RELEASED

Pump Trucks Used 343

Bulk Equip. 240

MAY 29 2001

FROM CONFIDENTIAL

Float Equip. Manufacturer Guide Shoe

Shoe Type SAW tooth Depth _____

Float Type AFU Insert Depth _____

Centralizers: Quantity _____ Plugs Top TRP Htm _____

Stage Collars _____

Special Equip. 2 - BASKETS

Disp. Fluid Type Fresh H₂O Amt. 40 Hbls. Weight 8.34 PPG

Mud Type loss circ Weight _____ PPG

COMPANY REPRESENTATIVE Dennis Dye

CEMENTER Larry Dreiling

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM / PPG	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
3:30						Pipe on Bottom - Break Circ.
4:30		150				Pump Capacity / csq.
		150		70		Pump 200sx ALWt 2%CC + 1/4# Flo-
		150		24		Seal. 100sx CLASS A + 2%CC
4:45		600				Bump Plug
						Release PSI. Float Held
5:00		50		17		Rig up to TOP out
						50sx ALWt 2%CC + 1/4# Flo-seal
5:15		50		21		100sx CLASS A + 2%CC
						Did not circ.
5:30						Wait on cement
8:00		50		24		100sx CLASS A + 3%CC + 2% Gel
						Cement Circ. to Surface

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

1133

Federal Tax I.C.

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

SERVICE POINT:
MEDICINE LODGE

DATE <u>4-11-00</u>	SEC. <u>18</u>	TWP. <u>31s</u>	RANGE <u>19w</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>1:00 PM</u>	JOB START <u>4:45 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>ARLIE</u>	WELL # <u>1-18</u>	LOCATION <u>COLDWATER HW, 6W, 34N</u>			COUNTY <u>COMANCHE</u>	STATE <u>KANSAS</u>	
OLD OR (NEW) (Circle one)		<u>NEW</u>					

CONTRACTOR H-40 #

TYPE OF JOB ZOP OUT

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____ KCC

PERFS. _____

DISPLACEMENT _____ MAY 05 2000

OWNER COMANCHE RESOURCES

CEMENT AMOUNT ORDERED 500 SY CLASS A + 3% PC

USED ADD SY

COMMON <u>A</u>	<u>400</u>	@	<u>6.35</u>	<u>2540.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>14</u>	@	<u>28.00</u>	<u>392.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>500</u>	@	<u>1.05</u>	<u>525.00</u>
MILEAGE	<u>500 x 45</u>	@	<u>.04</u>	<u>900.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER KEVIN BRUNGALDT

233-302 HELPER MARK BRUNGALDT

BULK TRUCK

214-314 DRIVER MIKE RUCKER

BULK TRUCK

242 DRIVER DAVID WEST

CONFIDENTIAL

RELEASED
MAY 29 2001

TOTAL \$4397.00

REMARKS:

STAND BY WHERE LEVELING + FELL UNDER SUB WITH ROCK

FELL HOLE + ROCK WITH ADDY MASS A + 3% PC

SERVICE FROM CONFIDENTIAL

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 470.00

EXTRA FOOTAGE @ _____

MILEAGE 45 @ 3.00 135.00

PLUG @ _____

@ _____

@ _____

TOTAL \$605.00

CHARGE TO: COMANCHE RESOURCES

STREET P.O. Box 25

CITY SEILING STATE OKLA. ZIP 73663

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

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 _____

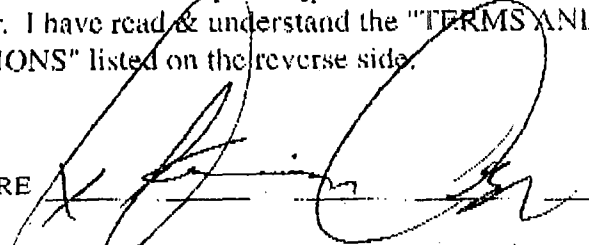
TOTAL CHARGE \$5262.00

DISCOUNT 789.30 IF PAID IN 30 DAYS

\$4472.70

DENNIS EYE

PRINTED NAME

SIGNATURE 

ALLIED CEMENTING CO., INC.

1135

CONFIDENTIAL

Federal Tax I.D. #

ORIGINAL

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

SERVICE POINT:

MEDICINE LODGE

DATE <u>4-14-00</u>	SEC. <u>18</u>	TWP. <u>31s</u>	RANGE <u>19w</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>1:00 PM</u>	JOB START <u>10:45 AM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>ARLIZ</u>		WELL # <u>1-18</u>	LOCATION <u>CADWATER 4N, 6w, 14N</u>	COUNTY <u>COMANCHE</u>	STATE <u>KANSAS</u>		
OLD OR <u>(NEW)</u> (Circle one)			<u>1/4 E, 3/4 S</u>				

CONTRACTOR <u>NORTH STAR Well Svc.</u>	OWNER <u>COMANCHE RESOURCES</u>
TYPE OF JOB <u>PROD. C56.</u>	
HOLE SIZE <u>778"</u>	T.D. <u>5492'</u>
CASING SIZE <u>4 1/2" x 11.6"</u>	DEPTH <u>5259'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1300#</u>	MINIMUM <u>100#</u>
MEAS. LINE	SHOE JOINT <u>33.9'</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>BS 1/2 BBLs 2 1/2 KCL</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>KEVIN BRUNGARD</u>	
# <u>233-302</u> HELPER <u>MARK BRUNGARD</u>	
BULK TRUCK	
# <u>214-314</u> DRIVER <u>MIKE RUCKER</u>	
BULK TRUCK	
#	DRIVER

CEMENT			
AMOUNT ORDERED	<u>225</u>	<u>CLASS H ASC + S# K-S</u>	
	<u>500</u>	<u>GALLONS MUD CLEAN</u>	
	<u>500</u>	<u>GALLONS MUD CLEAN "C"</u>	
COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC "H"	<u>225</u>	@ <u>9.75</u>	<u>2193.75</u>
KOL SEAL	<u>1125#</u>	@ <u>.38</u>	<u>427.50</u>
MUD CLEAN	<u>500 Gals</u>	@ <u>.75</u>	<u>375.00</u>
MUD CLEAN C	<u>500 Gals</u>	@ <u>.92</u>	<u>460.00</u>
CLAPRO	<u>9</u>	@ <u>27.90</u>	<u>206.10</u>
HANDLING	<u>225</u>	@ <u>1.05</u>	<u>236.25</u>
MILEAGE	<u>225 x 45</u>	@ <u>.04</u>	<u>405.00</u>

KCC

TOTAL \$4323.60

MAY 05 2000

CONFIDENTIAL SERVICE

REMARKS:

See Job Log

RELEASED

MAY 29 2001

FROM CONFIDENTIAL

DEPTH OF JOB	<u>5459'</u>
PUMP TRUCK CHARGE	<u>1290.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>45</u>	@ <u>3.00</u> <u>135.00</u>
PLUG <u>4 1/2" TRP</u>	@ <u>38.00</u> <u>38.00</u>
	@
	@

TOTAL \$1463.00

CHARGE TO: COMANCHE RESOURCES
STREET P.O. BOX 25
CITY SEILING STATE OKLA. ZIP 73663

FLOAT EQUIPMENT

1 - FLOAT SHOE	@ <u>200.00</u>	<u>200.00</u>
1 - FLOAT COLLAR	@ <u>245.00</u>	<u>245.00</u>
10 - CENTRALIZERS	@ <u>45.00</u>	<u>450.00</u>
	@	
	@	

TOTAL \$895.00

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

SIGNATURE [Signature]

TAX _____
TOTAL CHARGE \$6661.60
DISCOUNT 999.24 IF PAID IN 30 DAYS
\$5662.36
DENNIS DYE
PRINTED NAME

CONFIDENTIAL

ORIGINAL

KCC

MAY 05 2000

CONFIDENTIAL

May-05-00 09:37A Allied Cementing Co

3167936099

P.06



CEMENTING LOG

Date 4-14-00 District MED. LODGE Ticket No 1135
Company COMANCHE RESOURCES Rig NORTH STAR
Lease ARIZO Well No 1-18
County COMANCHE State KANSAS
Location LB-34-AW Field
COLDWATER 4N, 6W, 14N, 14E, S1S
CASING DATA PTA Squeeze
Surface Intermediate Production Liner
Size 4 1/2" Type USCO Weight 11.6# Collar BRO
BURST - 5350# COLLAPSE - 4960#
Casing Depth: Top B.L. Bottom 5499'

CEMENT DATA
Spacer Type
Amt 500 Sks Yield 500 ft/sk Density PPG
500 BANS. MUD CLEAN
500 BANS. MUD CLEAN "A"
IFAO Pump Time hrs. Type
Amt Sks Yield ft/sk Density PPG
TAIL Pump Time hrs. Type CLASS H ASC
+ 5# HCL-SEAL/SACK Excess
Amt 225 Sks Yield 1.52 ft/sk Density 14.5 PPG
WATER Load gals/sk Tail 733 gals/sk Total 39.7 Bbls.

Pump Trucks Used 233-302 MARK BRUNBARDT
Bulk Equip. 214-314 MIKE RUCKER

MAY 29 2001

Drill Pipe: Size 7 7/8" Weight 5492 Collars
Open Hole: Size 7 7/8" TD 5492 ft. PB. to
CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 64.3'
Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5'
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.64'
Porforations: From ft to ft. Ann.

Shoe: Type FLOAT Depth 5499'
Float: Type COLLAR Depth 5429
Contralizers: Quantity 10 Plugs Top RUBBER Btm.
Stagn Collars
Special Equip.
Disp. Fluid Type 2% HCL Amt 85 1/2 Bbls. Weight 8.34 PPG
Mud Type CHEMICAL Weight 9.3 PPG

COMPANY REPRESENTATIVE DENNIS DYE

CEMENTER KEVIN BRUNBARDT

Table with columns: TIME, PRESSURES PSI (ANNULUS), FLUID PUMPED DATA (TOTAL FILL, Pumped Per Time Period, RATE Bbls. Min.), REMARKS. Includes handwritten data for mud pumping and pressure changes.

WELL NAME: Arlie #18-1
COMPANY: Comanche Resources Company
LOCATION: 18-31s-19w
Comanche co KS
DATE: 4/11/00

RELEASED
MAY 29 2001

ORIGINAL

KCC

MAY 05 2000

FROM CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 16 2000

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Comanche Resources Co.

DATE 4-7-00

WELL NAME: Arlie #18-1

KB 2130.00 ft

TICKET NO: 12946

DST #1

LOCATION : 18-31s-19w Comanche co KS

GR 2119.00 ft

FORMATION: Swope

INTERVAL : 4718.00 To 4753.00 ft

TD 4753.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 0432 to 0502 hr
SI 60	Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0502 to 0602 hr
SF 60	Clock(hrs)	12hr	12hr	elec			SF Fr. 0602 to 0702 hr
FS 120	Depth(ft)	4748.0	4748.0	4721.0	0.0	0.0	FS Fr. 0702 to 0902 hr

	Field	1	2	3	4	
A. Init Hydro	2262.0	2285.0	2238.0	0.0	0.0	T STARTED 0025 hr
B. First Flow	132.0	126.0	78.0	0.0	0.0	T ON BOTM 0426 hr
B1. Final Flow	176.0	176.0	161.0	0.0	0.0	T OPEN 0432 hr
C. In Shut-in	1658.0	1638.0	1649.0	0.0	0.0	T PULLED 0902 hr
D. Init Flow	0.0	0.0	131.0	0.0	0.0	T OUT 1315 hr
E. Final Flow	0.0	0.0	228.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1664.0	0.0	0.0	
G. Final Hydro	2262.0	2284.0	2232.0	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	115000.00 lbs
Initial Str Wt	106000.00 lbs
Unseated Str Wt	110000.00 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	594.00 ft
D.P. Length	4121.00 ft

RECOVERY

Tot Fluid 690.00 ft of 594.00 ft in DC and 96.00 ft in DP
 240.00 ft of Clean oil
 0.00 ft of 100% oil
 180.00 ft of Muddy gassy oil
 0.00 ft of 15% gas 50% oil 35% mud
 120.00 ft of Gas & water cut oil
 0.00 ft of 10% gas 70% oil 20% water
 150.00 ft of Slightly oil cut water
 0.00 ft of 1% oil 99% water
 SALINITY 67000.00 P.P.M. A.P.I. Gravity 43.00

KCC

MAY 05 2000

CONFIDENTIAL

RELEASED

MAY 29 2001

FROM CONFIDENTIAL

BLOW DESCRIPTION

Initial Flow:
Strong blow in 3 minutes.

Final Flow:
Strong blow. Gas to surface in 35 minutes.

Final Shut-In:
Had blow back.

SAMPLES:
SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	42.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 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 N	
Tester	Ray Schwager
Co. Rep.	Dale Padgett
Contr.	H-40 Drlg.
Rig #	3
Unit #	
Pump T.	

ORIGINAL

JAN 13 1970

GAS RECOVERY

COMPANY: Comanche Resources Co. DATE: 4-7-00
 WELL NAME: Arlie #18-1 KB Elev: 2130.00 ft TICKET #12946 DST #1
 WELL LOCATION: 18-31s-19w Comanche co KS GR Elev: 2119.00 ft FORMATION: Swope
 INTERVAL Fr.: 4718.00 To 4753.00 T.D.: 4753.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH orifice

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
40	0.50	0	44	41600.0
50	0.50	0	6	15400.0
60	0.50	0	3	10900.0

APR 13 1970

10 10 10

10 10 10 10 10

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Arlie #18-1

LOCATION : 18-31s-19w Comanche co KS

TICKET No. 12946 D.S.T. No. 1 DATE 4-7-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 35

TOTAL TOOL 67

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.Stands10 Single Total 594

D.P. ABOVE TOOLS.Stands65 Single 1 Total 4121

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4782

TOTAL DEPTH 4753

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:

Fluid Sampler Data

Recovery

gas 800 ML

oil 2000 ML Gravity 43 @60F

mud ML

water 1200 ML

pressure 1550 psi

total 4000 ML

Sampler Analysis

RW .12 ohms@ 68 F

Chlorides 67000 ppm

Pit Mud Analysis

RW .7 ohms@ 65 F

Chlorides 5500 ppm

Wt. 9.1

Filtrate 9.6

Vis. 42

P.O. SUB	4564
C.O. SUB	4686
S.I. TOOL	4691
sample-chamber	4696
HMV	4700
JARS	4705
SAFETY JOINT	4710
PACKER	4713
PACKER	4718
DEPTH	4719
ANCHOR 5'perf	4724
5' "	4729
5' "	4734
5' "	4739
Alpine@4721	
Ak-1 @4748	
5'perf	4744
5' "	4749
1' "	4750
BULLNOSE 3'bullplug	4753
T.D.	4753

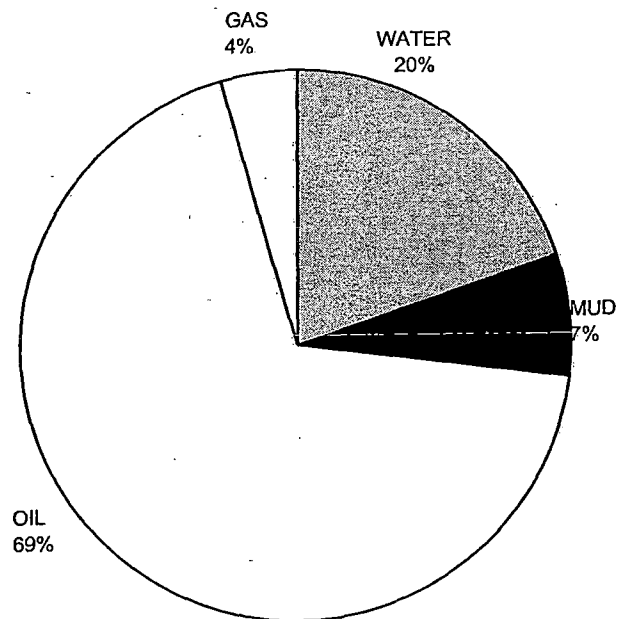
CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 12946

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	96	0	0	100	96	0	0	0	0
PIPE 2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
WEIGHT 1	0	0	0	0	0	0	0	0	0
PIPE 2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
DRILL 1	144	0	0	100	144	0	0	0	0
COLLARS 2	180	15	27	50	90	0	0	35	63
3	120	10	12	70	84	20	24	0	0
4	150	0	0	1	1.5	99	148.5	0	0
5	0	0	0	0	0	0	0	0	0
TOTAL	690	0	39	0	415.5	0	172.5	0	63

BBL OIL=	2.927475	*	HRS OPEN	1.5	=	BBL/DAY	46.8396
BBL WATER=	0.843525	*			=		13.4964
BBL MUD=	0.30807						
BBL GAS =	0.19071						



TEST HISTORY

12946 DST#1 Arlie #18-1 Comanche Resources Company

Flag Points

t(Min.) P(PSIg)

A:	0.00	2238.67
B:	0.00	78.65
C:	29.50	161.56
D:	59.00	1649.73
E:	0.00	131.98
F:	59.00	228.29
G:	122.00	1664.55
Q:	0.00	2232.14

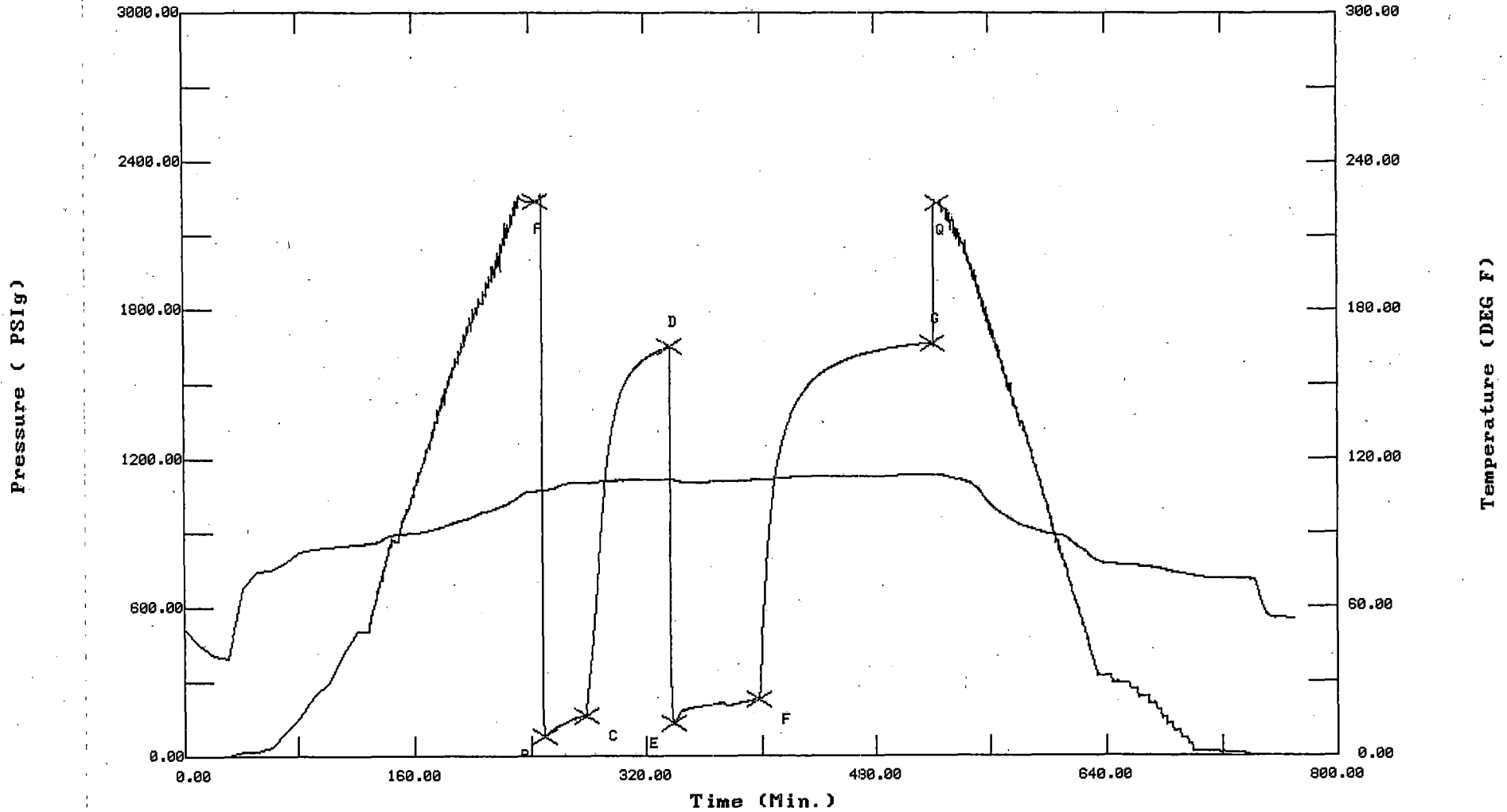
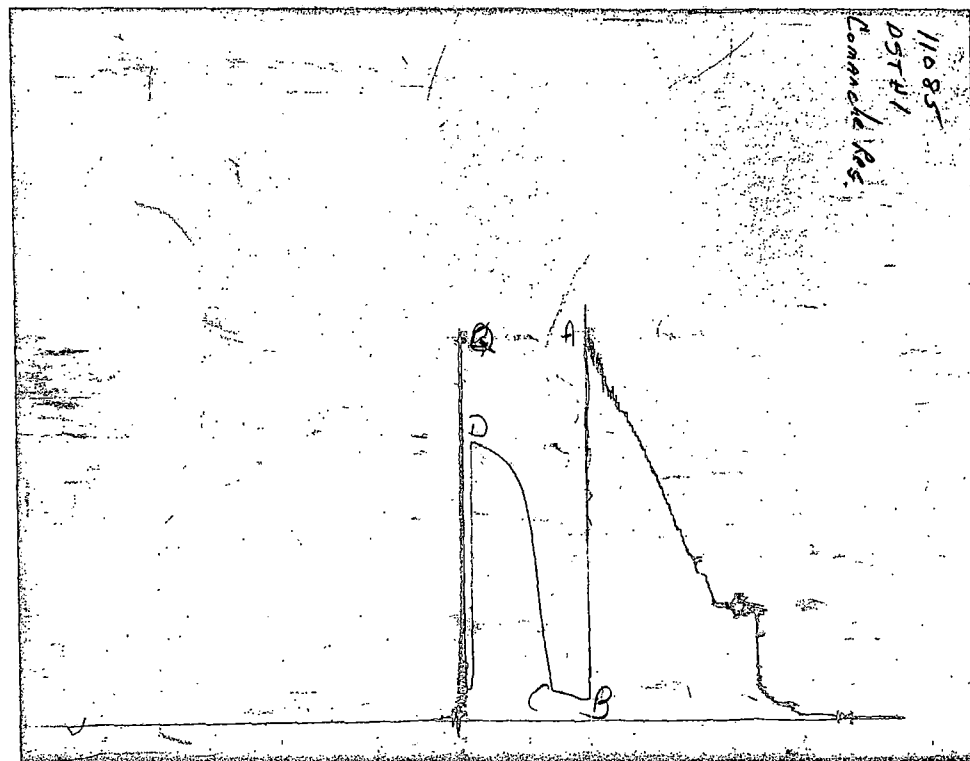
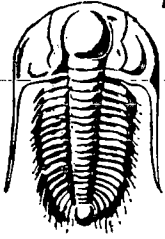


CHART PAGE



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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Comanche Resources
OPERATOR

Arlie #18-1

WELL NAME AND NO.

1
DST NO

2nd opens
gas to surface in 35 min 2nd flow

MIn.	Ins. of Water PSIG	Orifice Size	CF/D	MIn.	Ins. of Water PSIG	Orifice Size	CF/D
40	44	1/2"	41,600				
50	6	11	15,400				
60	3	11	10,900				

Remarks:

TRILOBITE TESTING L.L.C.

P.O. BOX 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 12946 Date 4-7-00
Company Name Comanche Resources Company
Lease Helic #18-1 Test No. 1
County Comanche Sec. 18 Twp. 31^s Rng. 19^w

SAMPLER RECOVERY

Gas 800 ML
Oil 2000 ML
Mud - ML
Water 1200 ML
Other - ML
Pressure 1550 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 5500 ppm.
Resistivity .7 ohms @ 65 F
Viscosity 42
Mud Weight 9.1
Filtrate 9.6
Other _____

SAMPLER ANALYSIS

Resistivity .12 ohms @ 68 F
Chlorides 67000 ppm.
Gravity 43 corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity .12 ohms @ 68 F
Chlorides 67000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12946

Test Ticket

Well Name & No. <u>ARLIE #18-1</u>	Test No. <u>1</u>	Date <u>4-7-00</u>
Company <u>Comanche Resources Company</u>	Zone Tested <u>SWAPE</u>	
Address <u>9520 N. MAY, SUITE 370 OKLAHOMA CITY, OK. 73120</u>		Elevation <u>KB 2119</u> GL
Co. Rep / Geo: <u>Dale Padgett</u>	Cont. <u>H-40 DRG 1193</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>18</u>	Twp. <u>31^S</u>	Rge. <u>19^W</u> Co. <u>COMANCHE</u> State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u> Evaluation (Y, N) <u>-</u>

Interval Tested <u>4718-4753</u>	Initial Str Wt./Lbs. <u>106000</u>	Unseated Str Wt./Lbs. <u>110000</u>
Anchor Length <u>35</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>115000</u>
Top Packer Depth <u>4713</u>	Tool Weight <u>2800</u>	
Bottom Packer Depth <u>4718</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>4753</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>594</u>
Mud Wt. <u>9.1</u> LCM <u>-</u> Vis. <u>42</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4121</u>
Blow Description <u>IFP - STRONG BLOW IN 3 min</u>		
<u>FFP - STRONG BLOW GAS TO SURFACE IN 35 min</u>		
<u>HAD BLOW BACK ON SHUT-IN</u>		

Recovery — Total Feet <u>690</u>	GIP <u>-</u>	Ft. in DC <u>594</u>	Ft. in DP <u>96</u>
Rec. <u>240</u> Feet Of <u>CLEAN OIL</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>180</u> Feet Of <u>MGO</u>	<u>15</u> %gas	<u>50</u> %oil	<u>35</u> %water %mud
Rec. <u>120</u> Feet Of <u>GWCO</u>	<u>10</u> %gas	<u>70</u> %oil	<u>20</u> %water %mud
Rec. <u>150</u> Feet Of <u>SO CW</u>	<u>1</u> %gas	<u>99</u> %oil	<u>99</u> %water %mud
Rec. <u>-</u> Feet Of <u>-</u>	<u>-</u> %gas	<u>-</u> %oil	<u>-</u> %water %mud
BHT <u>111</u> °F Gravity <u>43</u>	°API D@ <u>60</u>	°F Corrected Gravity <u>43</u>	°API <u>-</u>
RW <u>.12</u> @ <u>68</u> °F Chlorides <u>67000</u>	ppm Recovery	Chlorides <u>5500</u>	ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2262</u>	<u>2238</u>	<u>3027</u>	<u>1930</u>
(B) First Initial Flow Pressure	<u>132</u>	<u>78</u>	(depth) <u>4721</u>	T-Started <u>0025</u>
(C) First Final Flow Pressure	<u>176</u>	<u>161</u>	PSI Recorder No. <u>11085</u>	T-Open <u>0432</u>
(D) Initial Shut-In Pressure	<u>1658</u>	<u>1649</u>	PSI (depth) <u>4748</u>	T-Pulled <u>0902</u>
(E) Second Initial Flow Pressure	<u>-</u>	<u>131</u>	PSI Recorder No. <u>-</u>	T-Out <u>1315</u>
(F) Second Final Flow Pressure	<u>-</u>	<u>228</u>	PSI (depth) <u>-</u>	T-Off Location <u>1400</u>
(G) Final Shut-in Pressure	<u>-</u>	<u>1664</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2262</u>	<u>2232</u>	PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>120</u>	Straddle <u>-</u>
				Circ. Sub <u>-</u>
				Sampler <input checked="" type="checkbox"/>
				Extra Packer <u>-</u>
				Elec. Rec. <input checked="" type="checkbox"/>
				Mileage <u>-</u>
				Other <u>-</u>
				TOTAL PRICE \$ <input checked="" type="checkbox"/>

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 Dale Padgett

Our Representative Ray Schuriger Thank you

TRILOBITE TESTING L.L.C.

OPERATOR : Comanche Resources Co.

DATE 4-9-00

WELL NAME: Arlie #18-1

KB 2130.00 ft

TICKET NO: 12947 DST #2

LOCATION : 18-31s-19w Comanche co KS

GR 2119.00 ft

FORMATION: Mississippi

INTERVAL : 5095.00 To 5136.00 ft

TD 5136.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085	3027			PF Fr. 0015 to 0045 hr
SI 60 Range (Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0045 to 0145 hr
SF 60 Clock (hrs)	12hr	12hr	elec			SF Fr. 0145 to 0245 hr
FS 120 Depth (ft)	5107.0	5107.0	5098.0	0.0	0.0	FS Fr. 0245 to 0445 hr

	Field	1	2	3	4	
A. Init Hydro	2424.0	2534.0	2471.0	0.0	0.0	T STARTED 2048 hr
B. First Flow	66.0	73.0	43.0	0.0	0.0	T ON BOTM 0011 hr
B1. Final Flow	77.0	82.0	71.0	0.0	0.0	T OPEN 0015 hr
C. In Shut-in	1722.0	1741.0	1737.0	0.0	0.0	T PULLED 0445 hr
D. Init Flow	88.0	92.0	46.0	0.0	0.0	T OUT 0838 hr
E. Final Flow	121.0	127.0	109.0	0.0	0.0	
F. Fl Shut-in	1755.0	1760.0	1748.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2424.0	2520.0	2428.0	0.0	0.0	Tool Wt. 2800.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 110000.00 lbs
						Unseated Str Wt 110000.00 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 594.00 ft
						D.P. Length 4494.00 ft

RECOVERY

Tot Fluid 245.00 ft of 245.00 ft in DC and 0.00 ft in DP
 65.00 ft of Slightly oil & gas cut mud
 0.00 ft of 2% gas 3% oil 95% mud
 180.00 ft of Heavily oil & gas cut mud
 0.00 ft of 25% gas 25% oil 50% mud
 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 39.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow throughout.
 Initial Shut-In:
 Gas surfaced 5 minutes into shut-in.

Final Flow:
 Gas to surface, to weak to gauge.

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	41.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 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	Ray Schwager
Co. Rep.	Dale Padgett
Contr.	H-40 Drlg.
Rig #	3
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

-----COMPANY: Comanche Resources Co. -----DATE: 4-9-00-----
WELL NAME: Arlie #18-1 KB Elev: 2130.00 ft TICKET #12947 DST #2
WELL LOCATION: 18-31s-19w Comanche co KS GR Elev: 2119.00 ft FORMATION: Mississippi
INTERVAL Fr.: 5095.00 To 5136.00 T.D.: 5136.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH orifice

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.25	0	0	0.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Arlie #18-1

LOCATION : 18-31s-19w Comanche co KS

TICKET No. 12947 D.S.T. No. 2 DATE 4-9-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 41

TOTAL TOOL 73

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.Stands10 Single Total 594

D.P. ABOVE TOOLS.Stands71 Single 1 Total 4494

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5161

TOTAL DEPTH 5136

TOTAL DRILL PIPE ABOVE K.B. 25

REMARKS:

Fluid Sampler Data

Sampler Recovery

Gas 1000 ML

Oil 1000 ML Gravity 39 @ 60 F

Mud 2000 ML

Water ----- ML

Pressure 1600 PSI

Total 4000 ML

Sampler Analysis

RW -- ohms@ -- F

Chlorides ----- ppm

Pit mud Analysis

RW .48 ohms@ 70F

Chlorides 8000 ppm

WT 9.1

Filtrate 8.8

Viscosity 41

P.O. SUB	4942
C.O. SUB	5064
S.I. TOOL	5069
sample-chamber	5074
HMV	5078
JARS	5082
SAFETY JOINT	5087
PACKER	5090
PACKER	5095
DEPTH	5096
ANCHOR 5'perf	5101
5' "	5106
5' "	5111
5' "	5116
5' "	5121
Alpine@5098	
Ak-1 @5107	
5'perf	5126
5' "	5131
2' "	5133
BULLNOSE 3'bullplug	5136
T.D.	5136

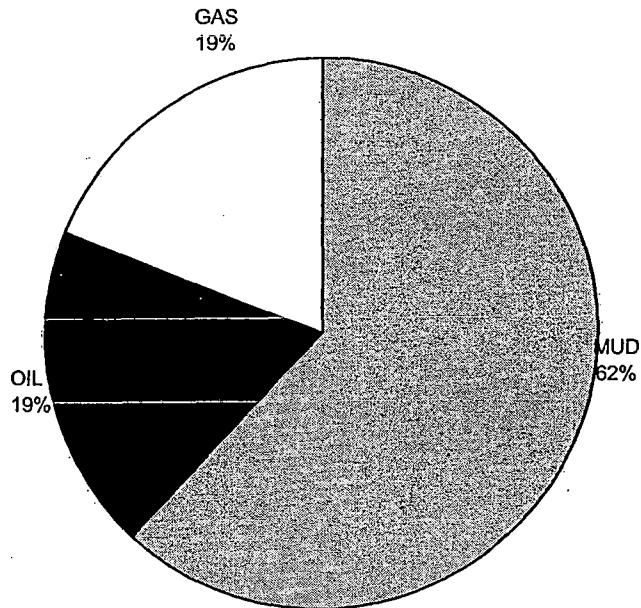
CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 12947

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL	1	0	0	0	0	0	0	0	0	
PIPE	2	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	
	6	0	0	0	0	0	0	0	0	
WEIGHT	1	0	0	0	0	0	0	0	0	
PIPE	2	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	
DRILL	1	65	2	1.3	3	1.95	0	0	95	61.75
COLLARS	2	180	25	45	25	45	0	0	50	90
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
TOTAL		245	0	46.3	0	46.95	0	0	0	151.75

BBL OIL=	0.2295855	*	HRS OPEN	1.5	=	BBL/DAY	3.673368
BBL WATER=	0	*			=		0
BBL MUD=	0.7420575						
BBL GAS =	0.226407						



TEST HISTORY

12947 DST#2 Arlie #18-1 Comanche Resources Company

Flag Points

t (Min.) P (PSig)

A:	0.00	2471.73
B:	0.00	43.14
C:	29.50	71.14
D:	59.00	1737.41
E:	0.00	46.59
F:	60.00	109.57
G:	126.00	1748.12
Q:	0.00	2428.55

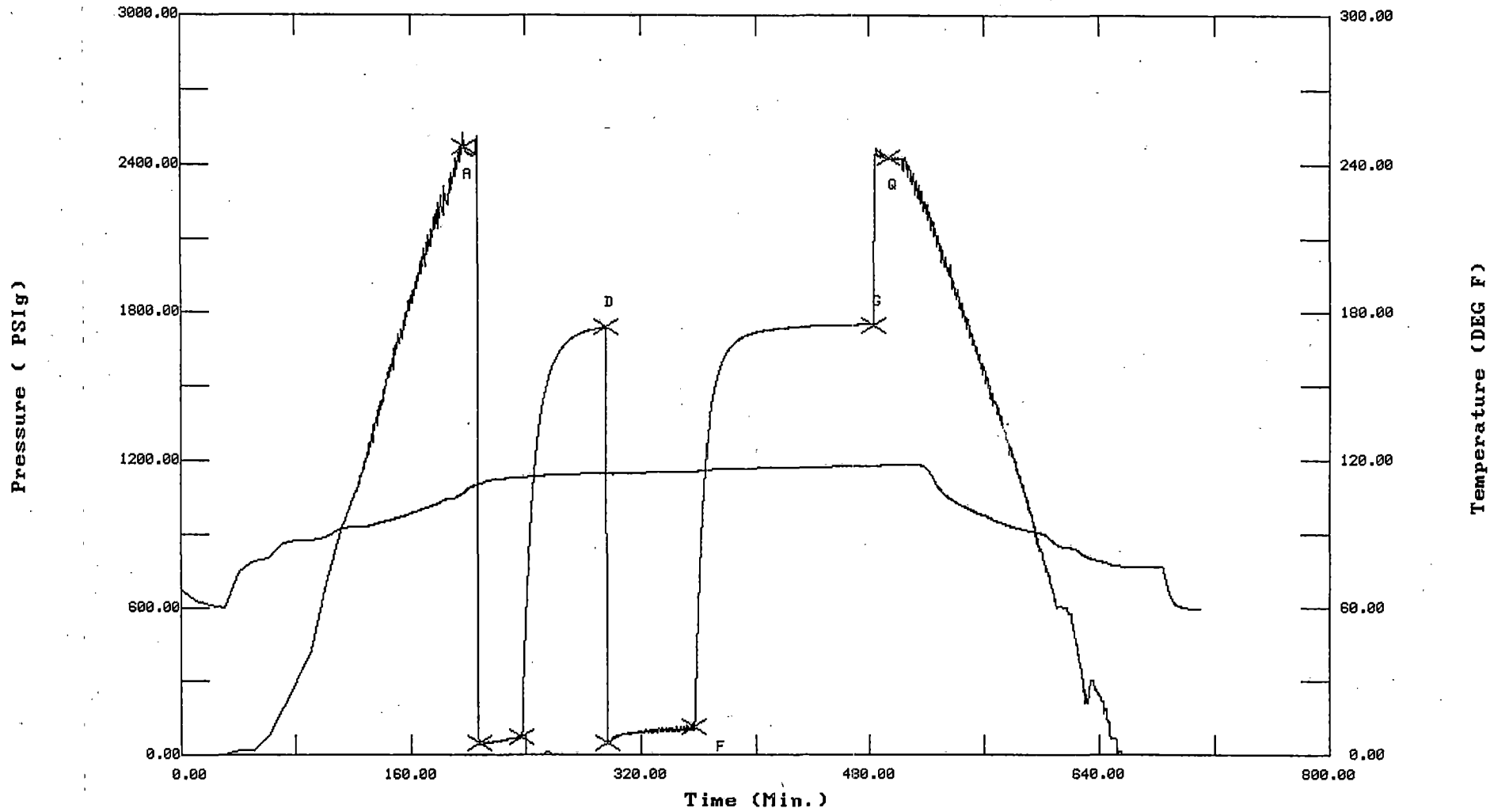
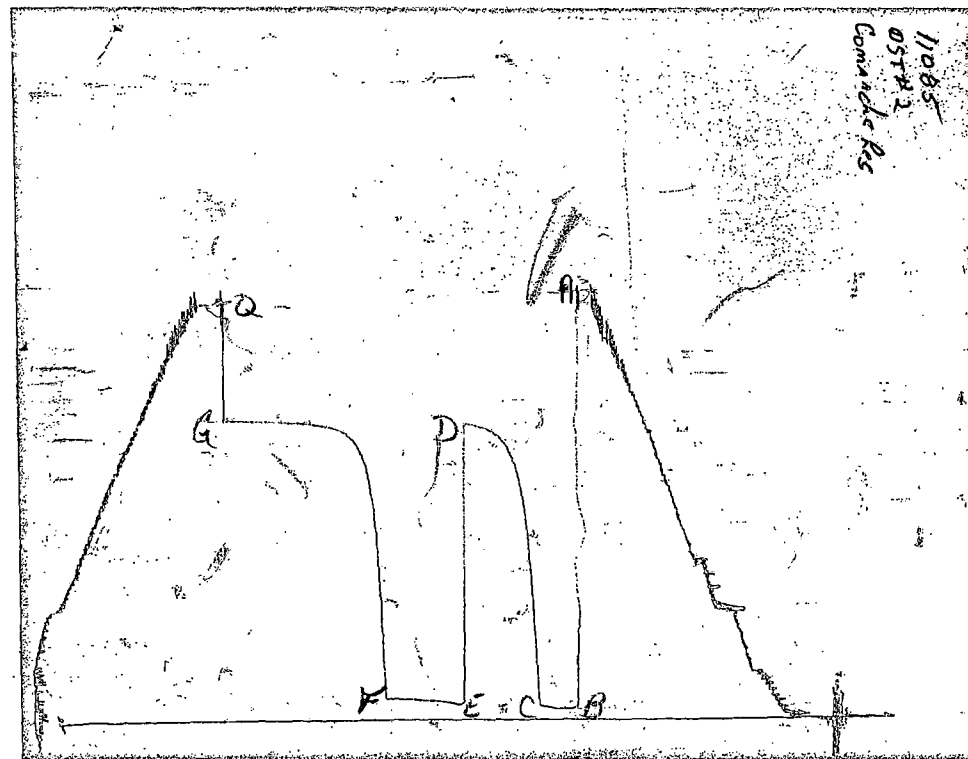


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 12947 Date 4-9-00
Company Name Comanche Resources Company
Lease Archie #18-1 Test No. 2
County Comanche Sec. 18 Twp. 31^s Rng. 19^w

SAMPLER RECOVERY

Gas 1000 ML
Oil 1000 ML
Mud 2000 ML
Water - ML
Other - ML
Pressure 1600 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 8000 ppm.
Resistivity .48 ohms @ 70 F
Viscosity 41
Mud Weight 9.1
Filtrate 8.8
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity 39 corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12947

Test Ticket

Well Name & No. <u>Archie #18-1</u>		Test No. <u>2</u>	Date <u>4-9-00</u>
Company <u>Comanche Resources Company</u>		Zone Tested <u>Miss</u>	
Address <u>9520 N. May, Suite 370 Oklahoma City, OK 73120</u>		Elevation <u>2130</u>	KB <u>2119</u> GL
Co. Rep / Geo. <u>Dale Padgett</u>	Cont. <u>H-40 Orig rig 3</u>	Est. Ft. of Pay <u>-</u>	Por. <u>-</u> %
Location: Sec. <u>18</u>	Twp. <u>31^S</u>	Rge. <u>19^W</u>	Co. <u>Comanche</u> State <u>Ko</u>
No. of Copies <u>Req</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>5095-5136</u>	Initial Str Wt./Lbs. <u>110000</u>	Unseated Str Wt./Lbs. <u>110000</u>
Anchor Length <u>41</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>130000</u>
Top Packer Depth <u>5090</u>	Tool Weight <u>2800</u>	
Bottom Packer Depth <u>5095</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>5136</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>594</u>
Mud Wt. <u>9.1</u> LCM <u>-</u> Vis. <u>41</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4494</u>
Blow Description <u>IFP - STRONG BLOW THROUGHOUT</u> <u>FFP - GAS TO SURFACE, TO WEAK TO GAUGE</u> <u>GAS SURFACED 5 MIN INTO INITIAL SHUT-IN</u>		

Recovery — Total Feet <u>245</u>	GIP _____	Ft. in DC <u>245</u>	Ft. in DP _____
Rec. <u>65</u> Feet Of <u>50x6CM</u>	<u>2</u> %gas <u>3</u> %oil	%water <u>95</u> %mud	
Rec. <u>180</u> Feet Of <u>H0x6CM</u>	<u>25</u> %gas <u>25</u> %oil	%water <u>50</u> %mud	
Rec. _____ Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____	
BHT <u>118</u> °F Gravity <u>39</u>	°API D@ <u>60</u>	°F Corrected Gravity <u>39</u>	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides <u>8000</u> ppm System	

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2424</u>	<u>2471</u>		<u>3027</u>	<u>1930</u>
(B) First Initial Flow Pressure	<u>66</u>	<u>43</u>	PSI	(depth) <u>5098</u>	T-Started <u>2048</u>
(C) First Final Flow Pressure	<u>77</u>	<u>71</u>	PSI	Recorder No. <u>11085</u>	T-Open <u>0015</u>
(D) Initial Shut-In Pressure	<u>1722</u>	<u>1737</u>	PSI	(depth) <u>5007</u>	T-Pulled <u>0445</u>
(E) Second Initial Flow Pressure	<u>88</u>	<u>46</u>	PSI	Recorder No. _____	T-Out <u>0838</u>
(F) Second Final Flow Pressure	<u>121</u>	<u>109</u>	PSI	(depth) _____	T-Off Location <u>1000</u>
(G) Final Shut-in Pressure	<u>1755</u>	<u>1748</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2424</u>	<u>2428</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>

Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>
Final Shut-in <u>120</u>	Straddle _____
	Circ. Sub _____
	Sampler <input checked="" type="checkbox"/>
	Extra Packer _____
	Elec. Rec. <input checked="" type="checkbox"/>
	Mileage _____
	Other _____
	TOTAL PRICE \$ <input checked="" type="checkbox"/>

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Approved By Dale Padgett

Our Representative Ray Schwager Thank you