

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

ORIGINAL

CONFIDENTIAL

API NO. 15- 119-210260000  
County Meade  
- NE - SW - NW Sec. 14 Twp. 35S Rge. 30 X W

Operator: License # 30604  
Name: Raydon Exploration, Inc.  
Address 9400 N. Broadway, Ste 400  
City/State/Zip Oklahoma City, OK 73114

1650 Feet from S (N) (circle one) Line of Section  
990 Feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, (NW) or SW (circle one)

KCC  
AUG 10 2000  
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Purchaser: Aurora  
Operator Contact Person: Keith Hill  
Phone (316) 624-0156  
Contractor: Name: Big A Drilling  
License: 31572

Lease Name XIT Well # 2  
Field Name Adams Ranch  
Production Formation Basel Chester  
Elevation: Ground 2373 KB 2384  
Total Depth 6360 PBD 6310

RECEIVED  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas  
AUG 18 2000

Wellsite Geologist: Edwin Grieves  
Designate Type of Completion  
x New Well Re-Entry Workover  
x Oil SWD S1OW Temp. Abd.  
Gas ENHR SIGW  
Dry Other(Core, WSW, Expl., Cathodic, etc)

Amount of Surface Pipe Set and Cemented at 1654 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.

If Workover/Reentry: Old Well Info as follows:  
Operator:  
Well Name:  
Comp. Date Old Total Depth  
Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBDT  
Commingled Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.  
06-17-00 07-02-00 07-21-00  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan ALT 1 8/25/00  
(Data must be collected from the Reserve Pit)  
Chloride content 7000 ppm Fluid volume bbls  
Dewatering method used  
Location of fluid disposal if hauled offsite:  
Operator Name  
Lease Name License No. OCC order  
Quarter Sec. Twp. Rng. E/W  
County Docket No.

RELEASED  
AUG 10 2000

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.  
Signature  
Title Agent for Raydon Exploration, Inc. Date 08-10-00  
Subscribed and sworn to before me this 10th day of August, 2000.  
Notary Public  
Date Commission Expires

NOTARY PUBLIC, State of Kansas  
Seward County  
HELEN M. SMITH  
My Appl. Exp. 3-3-2007

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)

ORIGINAL

SIDE TWO

Operator Name Raydon Exploration, Inc. Lease Name XIT Well # 2

Sec. 14 Twp. 35S Rge. 30  
 East  
 West

County Meade

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:  
High Resolution Induction  
Microlog  
Spectral Density Dual Spaced Neutron II Log

Name	Top	Datum
Base Heebner	4239	
Tornoto	4259	
Lansing	4384	
Marmaton	5103	
Cheekokee FM	5333	
Morrow FM	5690	
Chester FM	5803	
St. Genevieve	6116	
St. Louis	6190	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	1654'	Midcon PP	550	2% cc, 1/4# Floclite
					Prem. Plus	150	2% cc, 1/4# Floclite
Production	7-7/8"	5-1/2"	15.5#	6357'	Premium	285	10% calseal, 5# Gilsonite

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)	
		Amount	Depth
4	6039-6045'	600 gals 7-1/2% DS FE acid	
		frac with 12,000 gal Delta Frac	
		with 16,000# 20/40 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	6076'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
07-30-00			<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
	25	50	0	2000 cubic feet	35.0

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: 6039'-6045'

**HALLIBURTON** **CONFIDENTIAL** **JOB SUMMARY** ORDER NO. 70006

TICKET # **693127** TICKET DATE **06-19-00**

REGION **North America** COUNTRY **MID Cont.** BDA / STATE **KANSAS** COUNTY **MEADE**

MBU ID / EMP # **MLC20101 106322** EMPLOYEE NAME **D. Mc Lane** PSL DEPARTMENT **ZI ORIGINAL**

LOCATION **LIBERAL** COMPANY **RAYDON** CUSTOMER REP / PHONE # **KEITH HILL**

TICKET AMOUNT **12085.72** WELL TYPE **OIL** API / UWI # **KCC**

WELL LOCATION **FORGAN** DEPARTMENT **501** JOB PURPOSE CODE **010** **AUG 10 2000**

LEASE / WELL # **XIT 2** SEC / TWP / RNG **14-35S-30W**

HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS
<b>D. Mc Lane 106322 6</b>	<b>J. Steirke 199491 6.5</b>		
<b>J. JACKSON 188624 8</b>			
<b>B. ELWOOD 102702</b>			
<b>K. Mouser 204458 8.5</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>P/R 420995</b>	<b>40</b>	<b>51225-6610</b>	<b>40</b>	<b>ADD TO 2001</b>			
<b>PL 421269</b>	<b>40</b>						
<b>54038-77941</b>	<b>40</b>						
<b>51029-6612</b>	<b>40</b>						

Form Name \_\_\_\_\_ Type: \_\_\_\_\_

Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At \_\_\_\_\_

Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_

Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>June 18</b>	<b>June 18</b>	<b>6-19-00</b>	<b>6-19-00</b>
TIME	<b>1800</b>	<b>2130</b>	<b>0245</b>	<b>0415</b>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe	<b>1</b>	<b>HES</b>
Centralizers	<b>3</b>	<b>HES</b>
Bottom Plug		
Top Plug	<b>1</b>	<b>HES</b>
Head <b>PC</b>	<b>1</b>	<b>HES</b>
Packer		
Other		

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N</b>	<b>24</b>	<b>858</b>	<b>KB</b>	<b>164433</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>6/12</b>				<b>See Job log</b>
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

**AVERAGE RATES IN BPM**

TREATED \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

**CEMENT LEFT IN PIPE** **Shoe Joint**

FEET **43.35** Reason \_\_\_\_\_

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>1</b>	<b>550</b>	<b>MIDCON PP</b>	<b>B</b>	<b>2% CC - 1/4# FLOCELE</b>	<b>3.22</b>	<b>11.1</b>
<b>2</b>	<b>150</b>	<b>PREM F</b>	<b>B</b>	<b>2% CC - 1/4# FLOCELE</b>	<b>1.32</b>	<b>14.8</b>

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal - BBI \_\_\_\_\_ Type \_\_\_\_\_

Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal - BBI \_\_\_\_\_ Pad: BBI - Gal \_\_\_\_\_

Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal - BBI \_\_\_\_\_ Disp: **10Z** Gal \_\_\_\_\_

Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal - **7.6315.5** \_\_\_\_\_

Total Volume Gal - BBI \_\_\_\_\_

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_

**HALLIBURTON** **JOB SUMMARY**

ORDER NO. 70006

TICKET # **728337** TICKET DATE **7-300**

REGION **North America** NWA/COUNTRY **USA** BDA / STATE **LA** COUNTY **Madison**

MBU ID / EMP # **106304** EMPLOYEE NAME **T. Edwards** PSL DEPARTMENT **ZIE** **ORIGINAL**

LOCATION **Liberal** COMPANY **Kaydon Exploration** CUSTOMER REP / PHONE **Kenneth Mayfield**

TICKET AMOUNT \_\_\_\_\_ WELL TYPE **01** API / UWI # **15119210260000**

WELL LOCATION: **Lang. W.W. Ford** DEPARTMENT **ZIE** JOB PURPOSE CODE **035**

LEASE / WELL # **XIT 2** SEC / TWP / RNG **14-35-30**

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
<b>J. K. V. 106304</b>	<b>9</b>						
<b>S. E. 106094</b>	<b>1</b>						
<b>R. Ford - 106154</b>	<b>1</b>						

**AUG 10 2000**

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>54218-78201</b>	<b>40</b>						
<b>54029-6610</b>	<b>40</b>						

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <b>SS 1 5/2</b>	<b>1</b>	<b>H</b>
Float Shoe		
Guide Shoe <b>108</b>	<b>1</b>	<b>O</b>
Centralizers <b>54</b>	<b>14</b>	
Bottom Plug		<b>W</b>
Top Plug <b>5W</b>	<b>1</b>	
Head <b>P.S.</b>	<b>1</b>	<b>L</b>
Packer		
Other <b>Clamp</b>	<b>1</b>	<b>O</b>

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<b>7-2-00</b>	<b>2200</b>	<b>7-3-00</b>	<b>7-3-00</b>	<b>7-3-00</b>
	<b>0200</b>		<b>0830</b>	<b>0930</b>

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N</b>	<b>15.5</b>	<b>5 1/2</b>	<b>103</b>	<b>6350</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						<b>SHOTS/FT.</b>
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
	<b>RELEASED</b>			<b>Cost</b>
	<b>AUG 10 2001</b>			<b>5 1/2</b>
				<b>L.J.</b>
<b>FROM CONFIDENTIAL</b>				
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

TREATED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_ Overall \_\_\_\_\_

FEET **43** CEMENT LEFT IN PIPE \_\_\_\_\_ Reason **J.T**

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>1</b>	<b>285</b>	<b>Premium</b>	<b>B.</b>	<b>10% Colloidal, 5% Wilsonite, 10% Salt, .6% Hg 19d</b>	<b>322</b>	<b>1.48 15</b>
<b>1</b>	<b>25</b>	<b>"</b>	<b>"</b>	<b>.25% D-111 3000 plus 10% of 6 more.</b>	<b>"</b>	<b>"</b>

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal **(BB) 12** Type **acid flush.**

Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal - **BB** Pad: **BB** - Gal

Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal - **BB** Disp **(BB)** - Gal **150**

Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal - **(BB) 7.5 cu** 7 to 1000 Rm

Total Volume Gal - **BB**

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_

RECEIVED  
STATE GEOLOGICAL COMMISSION

KCC CONFIDENTIAL WELL NAME:

XIT #2  
Raydon Exploration, Inc.  
14-35s-30w  
Meade co Kansas  
7/5/00

AUG 18 2000

CONSERVATION DIVISION  
Wichita, Kansas

AUG 10 2000  
CONFIDENTIAL

RELEASED LOCATION:  
DATE:

ORIGINAL

RELEASED

AUG 10 2001

FROM CONFIDENTIAL

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Raydon Exploration Inc.  
WELL NAME: XIT #2  
LOCATION : 14-35s-30w Meade co KS  
INTERVAL : 5680.00 To 5716.00 ft

DATE 6-27-2000

KB 2384.00 ft TICKET NO: 12605 DST # -1  
GR 2373.00 ft FORMATION: Morrow  
TD 5760.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13278	13278	2357	10993		PF Fr. 2050 to 2120 hr
SI 60 Range(Psi )	4400.0	4400.0	5000.0	4250.0	0.0	IS Fr. 2120 to 2220 hr
SF 60 Clock(hrs)	12HR	12HR	ELECT	12HR		SF Fr. 2220 to 2320 hr
FS 120 Depth(ft )	5711.0	5711.0	5681.0	5757.0	0.0	FS Fr. 2320 to 0120 hr

	Field	1	2	3	4
A. Init Hydro	2625.0	2692.0	2685.0	0.0	0.0
B. First Flow	99.0	93.0	30.0	0.0	0.0
B1. Final Flow	99.0	82.0	32.0	0.0	0.0
C. In Shut-in	110.0	98.0	72.0	0.0	0.0
D. Init Flow	99.0	87.0	26.0	0.0	0.0
E. Final Flow	99.0	78.0	33.0	0.0	0.0
F. Fl Shut-in	88.0	79.0	75.0	0.0	0.0
G. Final Hydro	2581.0	2635.0	2630.0	0.0	0.0
Inside/Outside	I	I	I	I	

T STARTED 1827 hr  
T ON BOTM 2048 hr  
T OPEN 2050 hr  
T PULLED 0120 hr  
T OUT 0530 hr

TOOL DATA-----

Tool Wt. 1800.00 lbs  
Wt Set On Packer 25000.00 lbs  
Wt Pulled Loose 20000.00 lbs  
Initial Str Wt 85000.00 lbs  
Unseated Str Wt 85000.00 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 359.00 ft  
D.P. Length 5325.00 ft

RECOVERY

Tot Fluid 30.00 ft of 30.00 ft in DC and 0.00 ft in DP  
30.00 ft of Drilling mud  
0.00 ft of 100% mud  
0.00 ft of  
0.00 ft of  
0.00 ft of  
0.00 ft of  
0.00 ft of

KCC

AUG 10 2000

CONFIDENTIAL

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

BLOW DESCRIPTION

Initial Flow:  
Weak surface blow built to fair 4" blow in 30 minutes.  
Initial Shut-In:  
No blow back.  
Final Flow:  
Weak, 1/2" blow decreased to surface blow.  
Final Shut-In:  
No blow back.

KCC

AUG 10 2000

CONFIDENTIAL

SAMPLES: None  
SENT TO:

MUD DATA-----

Mud Type Chemical  
Weight 8.90 lb/c  
Vis. 49.00 S/L  
W.L. 6.40 in3  
F.C. 0.00 in  
Mud Drop Y 30.0 ft  
Amt. of fill 0.00 ft  
Btm. H. Temp. 119.00 F  
Hole Condition Good  
% Porosity 10.00  
Packer Size 6.75 in  
No. of Packers 3  
Cushion Amt. 0.00  
Cushion Type 1-shalepacker  
Reversed Out N  
Tool Chased N  
Tester Brad Bortz  
Co. Rep. Ed Grieves  
Contr. Big A  
Rig # 1  
Unit #  
Pump T.

Test Successful: Y

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

WELL NAME: XIT #2

LOCATION : 14-35s-30w Meade co KS

TICKET No. 12605 D.S.T. No. 1 DATE 6-27-2000

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27

INTERVAL TOOL ..... 44

BOTTOM PACKERS AND ANCHOR ..... 36

TOTAL TOOL ..... 107

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands 6 Single Total 359

D.P. ABOVE TOOLS.Stands 86 Single Total 5325

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5791

TOTAL DEPTH ..... 5760

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

REMARKS:

P.O. SUB Cir. sub.	5593
C.O. SUB Top of tool	5653
Double pin	5654
S.I. TOOL Sterling	5659
HMV Sterling	5664
JARS Sterling	5669
SAFETY JOINT Sterling	5671
PACKER Sparton	5676
PACKER Sparton	5680
DEPTH	
1 ft.	5681
ANCHOR Alpine	5681
Pu. sub	5686
Ak-1	5711
26 ft. perms.	5712
1 ft. blank	5713
3 ft. packer	5716
PACKER Sparton "center"	5716
2 ft. packer	5718
1 ft co.sub	5719
1 jt. 31 ft.	5750
1 ft. co sub	5751
AK-1	5757
BULLNOSE 7 ft perms	5758
T.D. 2 ft perms.	5760

# TEST HISTORY

12605 DST #1 XIT #2 Raydon Exploration, Inc.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2685.72
B:	0.00	30.81
C:	29.25	32.95
D:	60.50	72.96
E:	0.00	26.70
F:	57.25	33.97
G:	125.50	75.03
Q:	0.00	2630.72

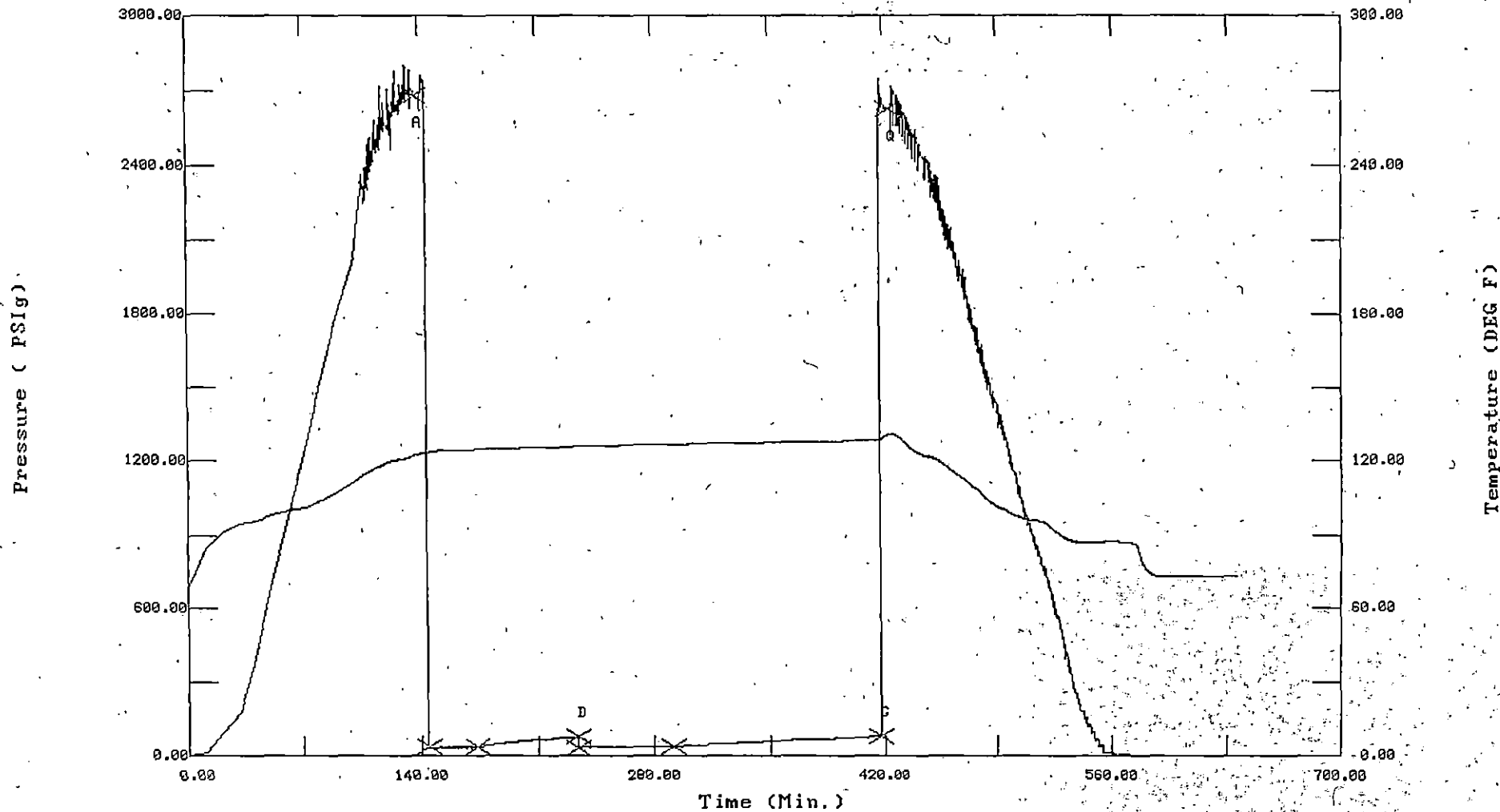
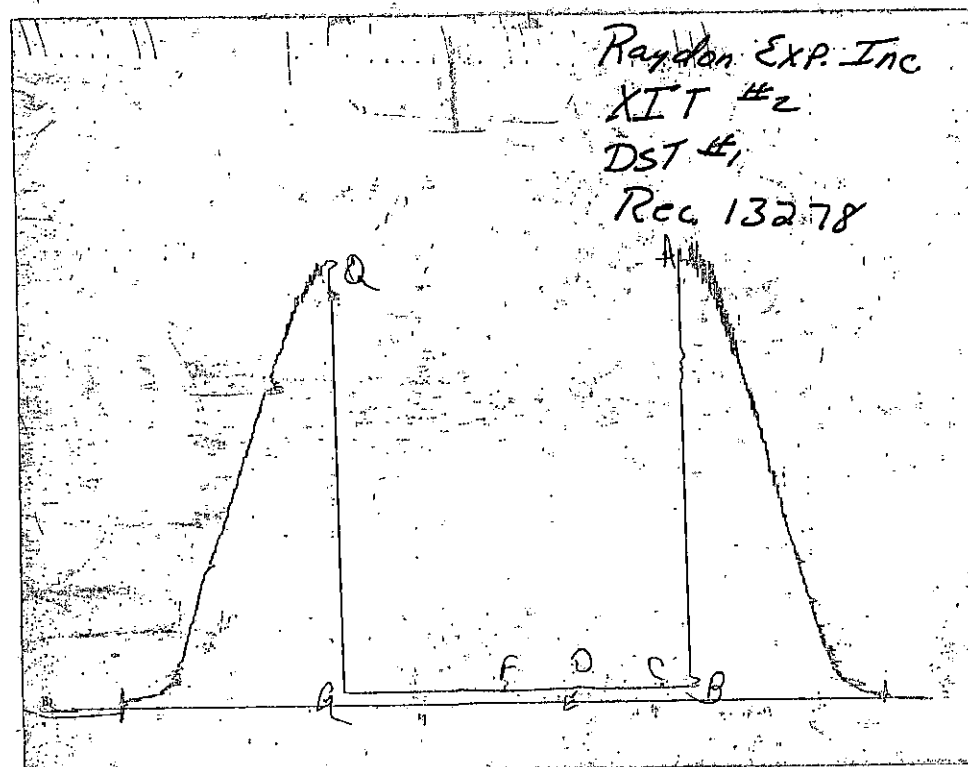


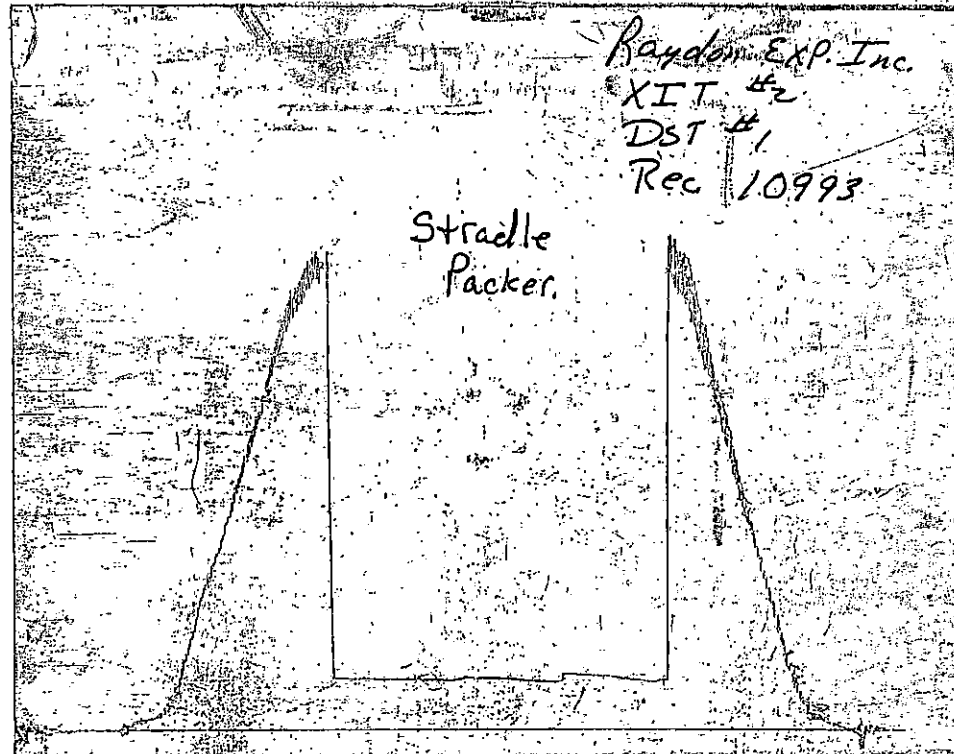


CHART PAGE



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

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 12605

Well Name & No. <u>XIT #2</u>		Test No. <u>1</u>	Date <u>6-27-2000</u>
Company <u>Raydon Exp. Inc</u>		Zone Tested <u>Morrow</u>	
Address <u>9400 N. Broadway S 400 Ok. City Ok. 73114</u>		Elevation <u>2384</u>	KB <u>2373</u> GL
Co. Rep/Geo. <u>Ed Grieves</u>	Cont. <u>Big A-#1</u>	Est. Ft. of Pay <u>10</u> Por. <u>10</u> %	
Location: Sec. <u>14</u>	Twp. <u>35S</u>	Rge. <u>30W</u>	Co. <u>Meades</u> State <u>Ks</u>
No. of Copies <u>R</u>	Distribution Sheet (Y, N) <u>Y</u>	Turnkey (Y, N) <u>—</u>	Evaluation (Y, N) <u>—</u>

Interval Tested 5680 - 5716 5760 Initial Str Wt./Lbs. 85,000 Unseated Str Wt./Lbs. 85,000  
 Anchor Length 36 27' tool 44' tail pipe Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 20,000  
 Top Packer Depth 5675 Tool Weight 1,800  
 Bottom Packer Depth 5680 Straddle Packer @ 5716 Hole Size 7.718" Rubber Size 6 3/4"  
 Total Depth 5760 Wt. Pipe Run 8 1/2 stnds Drill Collar Run 359'  
 Mud Wt. 8.9 LCM 4# Vis. 49 WL 6.4 Drill Pipe Size 4 1/2 XH. Ft. Run 5325' 31up  
 Blow Description weak surface blow built to fair 4" blow in 30min I.F.P.  
no blow back T.S.I.P.  
Weak 1/2" Blow Decreased to surface blow F.F.P.  
No blow back F.S.F.P.

Recovery — Total Feet 30 GIP — Ft. in DC 30 Ft. in DP —  
 Rec. 30' Feet Of Drilling mud %gas %oil %water 100% mud  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 BHT 119° °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2625</u>	<u>2685</u>		<u>2357</u>	<u>2:00 Pm</u> 42'
(B) First Initial Flow Pressure	<u>99</u>	<u>30</u>	PSI	(depth) <u>5681</u>	T-Started <u>6:27 Pm</u>
(C) First Final Flow Pressure	<u>99</u>	<u>32</u>	PSI	Recorder No. <u>13278</u>	T-Open <u>8:50 Pm</u> 11'
(D) Initial Shut-In Pressure	<u>110</u>	<u>72</u>	PSI	(depth) <u>5711</u>	T-Pulled <u>1:20 Am</u>
(E) Second Initial Flow Pressure	<u>99</u>	<u>26</u>	PSI	Recorder No. <u>10993</u>	T-Out <u>5:30 Am</u>
(F) Second Final Flow Pressure	<u>99</u>	<u>33</u>	PSI	(depth) <u>5757</u>	T-Off Location
(G) Final Shut-in Pressure	<u>88</u>	<u>75</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800</u>
(Q) Final Hydrostatic Mud	<u>2581</u>	<u>2630</u>	PSI	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>120</u>	Straddle <input checked="" type="checkbox"/> <u>250</u>
					Circ. Sub <input type="checkbox"/>
					Sampler <u>Shake</u>
					<input checked="" type="checkbox"/> Packer <u>150</u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
					Mileage _____
					Other <u>5 hrs</u> <u>(150)</u>
					TOTAL PRICE \$ <u>1750</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 Ed Grieves  
 Our Representative Brad Boy

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc.  
 WELL NAME: XIT #2  
 LOCATION : 14-35s-30w Meade co KS  
 INTERVAL : 5805.00 To 5865.00 ft

DATE 6-29-2000

KB 2384.00 ft TICKET NO: 12606 DST #2  
 GR 2373.00 ft FORMATION: Chester Limestone  
 TD 5865.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13278	13278	2357			PF Fr. 0745 to 0815 hr
SI 60	Range(Psi )	4400.0	4400.0	5000.0	0.0	0.0	IS Fr. 0815 to 0915 hr
SF 60	Clock(hrs)	12HR	12HR	ELECT			SF Fr. 0915 to 1015 hr
FS 120	Depth(ft )	5862.0	5862.0	5806.0	0.0	0.0	FS Fr. 1015 to 1215 hr

	Field	1	2	3	4	
A. Init Hydro	2735.0	2776.0	2765.0	0.0	0.0	T STARTED 0521 hr
B. First Flow	143.0	198.0	69.0	0.0	0.0	T ON BOTM 0743 hr
B1. Final Flow	132.0	123.0	47.0	0.0	0.0	T OPEN 0745 hr
C. In Shut-in	1920.0	1907.0	1930.0	0.0	0.0	T PULLED 1215 hr
D. Init Flow	154.0	163.0	41.0	0.0	0.0	T OUT 1530 hr
E. Final Flow	143.0	126.0	31.0	0.0	0.0	
F. Fl Shut-in	1832.0	1845.0	1863.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2669.0	2671.0	2704.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 15000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 90000.00 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 359.00 ft
						D.P. Length 5451.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP  
 5800.00 ft of Gas in pipe.  
 5.00 ft of Drilling mud  
 0.00 ft of 100% 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 0.00

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in 15 seconds. Gas to surface in 6 minutes:  
 Initial Shut-In:  
 No blow back.  
 Final Flow:  
 Strong blow bottom of bucket immediately.  
 Final Shut-In:  
 No blow back.

Gas will burn.

SAMPLES: Caught one sample  
 SENT TO: Caraway

MUD DATA-----

Mud Type Chemical  
 Weight 8.90 lb/c  
 Vis. 48.00 S/L  
 W.L. 6.80 in3  
 F.C. 0.00 in  
 Mud Drop Y 30.0 ft  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 120.00 F  
 Hole Condition Good  
 % Porosity 10.00  
 Packer Size 6.75 in  
 NO. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out N  
 Tool Chased N  
 Tester Brad Bortz  
 Co. Rep: Ed Grieves  
 Contr. Big A  
 Rig # 1  
 Unit #  
 Pump T.

Test Successful: Y

GAS RECOVERY

COMPANY: Raydon Exploration Inc. DATE: 6-29-2000  
WELL NAME: XIT #2 KB Elev: 2384.00 ft TICKET #12606 DST #2  
WELL LOCATION: 14-35s-30w Meade co KS GR Elev: 2373.00 ft FORMATION: Chester Limestone  
INTERVAL Fr.: 5805.00 To 5865.00 T.D.: 5865.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH 2" MERLA ORFICE

\*\*\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	6	0	194000.0
20	0.75	6	0	194000.0
30	0.75	6	0	194000.0

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

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	6	0	194000.0
20	0.75	6	0	194000.0
30	0.75	6	0	194000.0
40	0.75	6	0	194000.0
50	0.75	6	0	194000.0
60	0.75	6	0	194000.0



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

Lab Number:	20003687	Analyzed:	06/30/00
Sample From:	XIT #2 DST 2	Pressure:	
Producer:	Raydon Exploration	Temperature:	
Date:		Location:	14-35-30
Time:		County:	Meade
Sampler:		State:	Kansas
Source:		Formation:	Chester Limestone

		Mole %	GPM
Helium	He:	0.116	0.000
Hydrogen	H2:	0.001	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	2.349	0.000
Carbon Dioxide	CO2:	0.079	0.000
Methane	C1:	84.813	0.000
Ethane	C2:	5.587	1.494
Propane	C3:	3.700	1.020
Iso Butane	iC4:	0.563	0.184
Normal Butane	nC4:	1.343	0.423
Iso Pentane	iC5:	0.321	0.117
Normal Pentane	nC5:	0.392	0.142
Hexanes Plus	C6+:	0.736	0.321

TOTAL: 100.000 3.702  
 Z Fact: 0.9970  
 SP.GR.: 0.6903  
 BTU (SAT): 1162.7 @ 14.73 psia  
 BTU (DRY): 1183.2 @ 14.73 psia  
 OCTANE RATING: 122.0

COMMENTS:

0.000

# TEST HISTORY

12606 DST #2 XIT #2 Raydon Exploration Inc.

## Flag-Points

t (Min.)	P (PSig)
A: 0.00	2765.39
B: 0.00	69.24
C: 29.75	47.83
D: 60.25	1930.05
E: 0.00	41.84
F: 59:00	31.15
G: 121.25	1863.94
Q: 0.00	2704.54

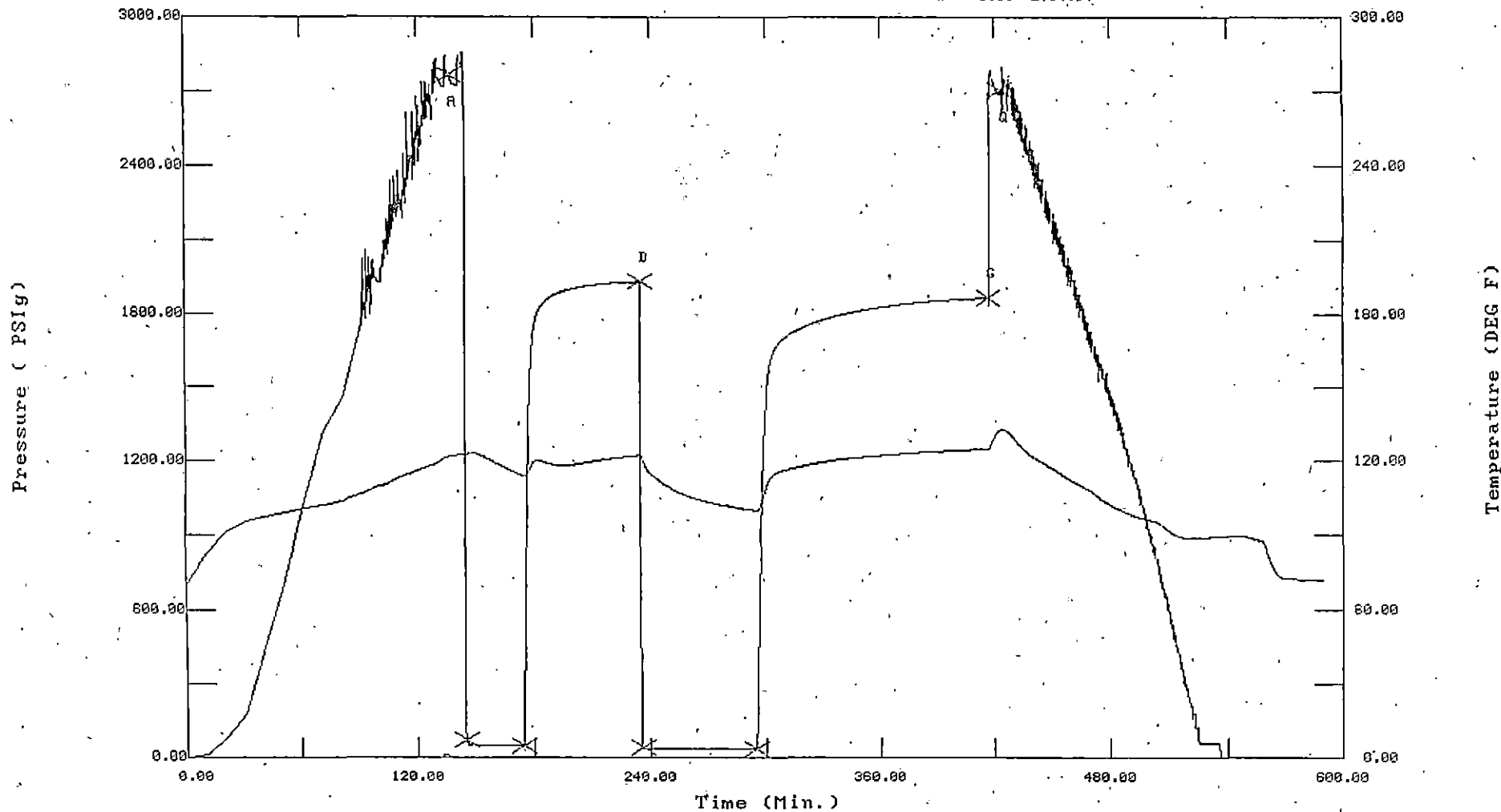
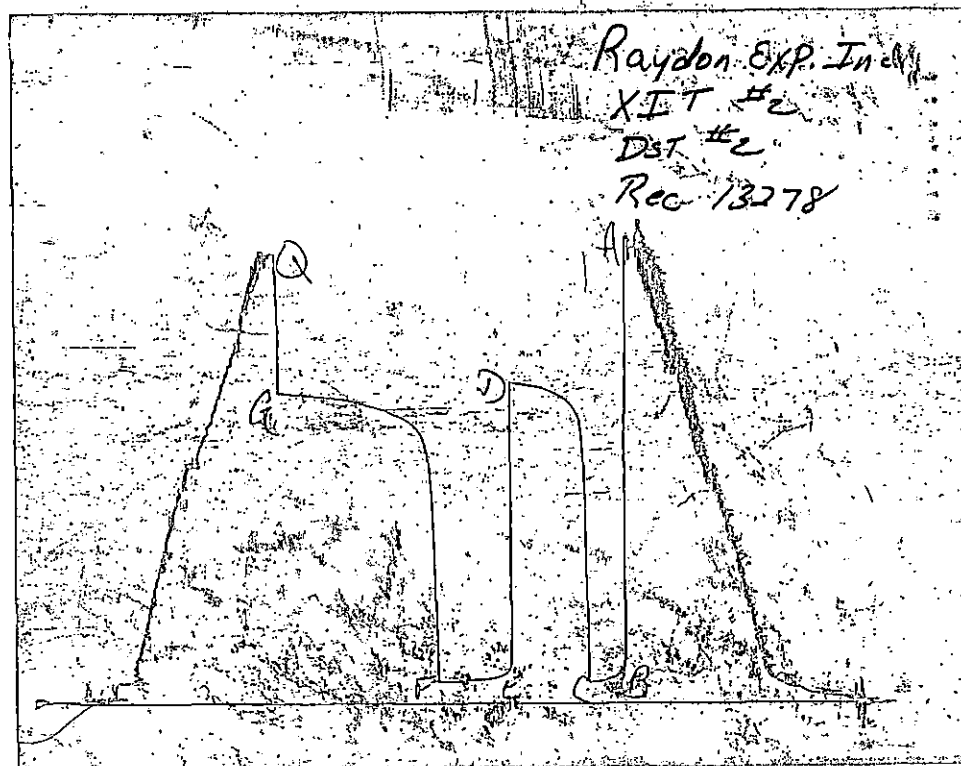
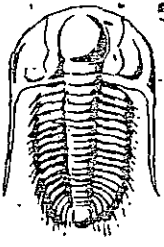




CHART PAGE



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



# TRILOBITE TESTING L.L.C.

P.O. Box 302 • Hays, Kansas 67601 • (913) 625-4778

## GAS VOLUME REPORT

Raydon Exp. Inc.  
OPERATOR

XIT #2

WELL NAME AND NO.

2  
DST NO.

GTS in  
1<sup>st</sup>

2<sup>nd</sup>

Min.	Ins. of Water (PSIG)	Orifice Size	MCF/D	Min.	Ins. of Water (PSIG)	Orifice Size	MCF/D
10	6	3/4	194,000	10	6	3/4	194,000
20	6	3/4	194,000	20	6	3/4	194,000
30	6	3/4	194,000	30	6	3/4	194,000
				40	6	3/4	194,000
				50	6	3/4	194,000
				60	6	3/4	194,000

Remarks: Caught 1-smpl. Sent to Carraway gas will burn

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No. 12606

Well Name & No. <u>XIT #2</u>	Test No. <u>2</u>	Date <u>6-29-2000</u>
Company <u>Raydon Exp. Inc.</u>	Zone Tested <u>Chester Lime stone</u>	
Address <u>9400 N. Broadway S. 400 OK, city OK, 73114</u> Elevation <u>2384</u> KB <u>2373</u> GL		
Co. Rep / Geo. <u>Ed Grieves</u>	Cont. <u>Big A #1</u>	Est. Ft. of Pay <u>20</u> Por. <u>10</u> %
Location: Sec. <u>14</u>	Twp. <u>35s</u>	Rge. <u>30W</u> Co. <u>Meade</u> State <u>Ks</u>
No. of Copies <u>R</u>	Distribution Sheet (Y, N) <u>—</u>	Turnkey (Y, N) <u>—</u> Evaluation (Y, N) <u>—</u>

Interval Tested <u>5805 - 5865</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt./Lbs. <u>90,000</u>
Anchor Length <u>60'</u> tool <u>27'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>15,000</u>
Top Packer Depth <u>5800</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>5805 Shale Packer</u>	Hole Size — <u>7 7/8"</u> —	Rubber Size <u>6 3/4"</u> —
Total Depth <u>5865</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>6 stands</u>
Mud Wt. <u>8.9</u> LCM <u>3#</u> Vis. <u>48</u> WL <u>6.8</u>	Drill Pipe Size <u>4 1/2 XH.</u>	Ft. Run <u>5451</u> <u>32' up.</u>
Blow Description <u>Strong blow O.B.B. in 15sec. G.T.S. in 6min I.F.P.</u>		

no Blow back I.S.T.P.  
Strong Blow B.O.B. immediately F.F.P. "see gas Flow Charts"  
no Blow back, F.S.T.P.

Recovery — Total Feet <u>5'</u>	GIP <u>5800</u>	Ft. in DC <u>5</u>	Ft. in DP <u>0</u>
Rec. <u>5'</u> Feet Of <u>Drilling mud</u>	%gas	%oil	%water <u>100%</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>120°</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides <u>3,400</u> ppm System	

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2735</u>	<u>2765</u>	<u>2357</u>	<u>4:00 Am</u>
(B) First Initial Flow Pressure	<u>143</u>	<u>69</u>	(depth) <u>5806</u>	T-Started <u>5:21 Am</u>
(C) First Final Flow Pressure	<u>132</u>	<u>47</u>	PSI Recorder No. <u>13278</u>	T-Open <u>7:45</u>
(D) Initial Shut-In Pressure	<u>1920</u>	<u>1930</u>	(depth) <u>5862</u>	T-Pulled <u>12:15</u>
(E) Second Initial Flow Pressure	<u>154</u>	<u>41</u>	PSI Recorder No. _____	T-Out <u>3:30</u>
(F) Second Final Flow Pressure	<u>143</u>	<u>31</u>	(depth) _____	T-Off Location <u>4:30</u>
(G) Final Shut-in Pressure	<u>1832</u>	<u>1863</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>261.9</u>	<u>2704</u>	PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>60</u>	Safety Joint <input type="checkbox"/>
			Final Shut-in <u>120</u>	Straddle _____
				Circ. Sub <input checked="" type="checkbox"/>
				Sampler _____
				1- <u>Shak</u> Extra Packer <input checked="" type="checkbox"/>
				Elec. Rec. <input checked="" type="checkbox"/>
				Mileage _____
				Other _____
				TOTAL PRICE \$ _____

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 Our Representative Brad Boy