

15-051-25011-00-00

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

API No. 15- 051-25,011

ORIGINAL

County Ellis
180' N & 150' W of S/2 NE
- NE - SW - NE Sec. 19 Twp. 11S Rge. 19W

Operator: License # 32511

Name: Imperial American Oil Corporation
(Formerly: Hal C. Porter)

Address 10004 W 20th St N

City/State/Zip Wichita KS 67212

Purchaser: Cooperative Refining, LLC

Operator Contact Person: Hal C. Porter

Phone (316) 773-3808

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Randall Kilian

Designate Type of Completion

X New Well Re-Entry Workover

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

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 PBTB
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

10-20/99 Spud Date 10-28/99 Date Reached TD 11-1-99 Completion Date

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

Lease Name Marjorie H. Well # 19-1

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 1965 KB 1970

Total Depth 3756 PBTB 3584

Amount of Surface Pipe Set and Cemented at 1381 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 1381

feet depth to surface w/ 450 sx cmt.

Drilling Fluid Management Plan AH. 1, 2-11-00 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 33,000 ppm Fluid volume 300 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name There were no free fluids to haul.

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

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 [Signature]

Title President Date

Subscribed and sworn to before me this 20th day of January

Notary Public [Signature]

Date Commission Expires 8-9-2003

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Form ACO-1 (7-91)



STATE CORPORATION COMMISSION RECEIVED
CONSERVATION DIVISION
Wichita, Kansas
JAN 27 2000
1-27-2000

X

Operator Name Imperial American Oil Corporation Lease Name Marjorie H. Well # 19-1

Sec. 19 Twp. 11S Rge. 19W East County Ellis

West

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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input 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	Anhydrite	1333	+637
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base	1378	+592
List All E.Logs Run: Radiation Guard Log, Sonic Log, Dual Receiver Cement Bond Log By ELI		Topeka	2980	-1010
		Heebner Shale	3200	-1230
		Toronto	3220	-1250
		Lansing	3240	-1270
		Base KC	3465	-1495
		Simpson Dolomite	3532	-1562
		Arbuckle	3554	-1574
		T.D.	3756	

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 Casing (New)	12-1/4"	8-5/8"	24#	1381'	60/40 Pozmix	450	3%CaCl, 2% gel
Production (New)	7-7/8"	5-1/2"	14#	3600'	ASC Common	200	10% salt 2% gel
Note: Full returns of cement to surface on Surface Casing Cementing Job.							

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives	
	Top Bottom				
Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	3546-3550'		None	

TUBING RECORD	Size 2-7/8" OD	Set At 3502'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method			
September 13, 1999	DEC 6, 1999		<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. 32	Gas Nil	Mcf	Water Bbls. 0
				Gas-Oil Ratio Nil
				Gravity 29

Disposition of Gas: METHOD OF COMPLETION Production Interval ~~3522'-26'~~ 3546-3550'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) No Gas being produced

RECEIVED
STATE CORPORATION COMMISSION
1-27-2000
JAN 27 2000

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

15-051-25011-00-00

***** ORIGINAL *****
 * INVOICE *

Invoice Number: 079969

Invoice Date: 10/22/99

Sold Imperial American Oil Corp
 To: 10004 W. 20th St. N
 Wichita, KS
 67212

Cust I.D.....: ImpAm
 P.O. Number...: Marjor. "H" 19-1
 P.O. Date.....: 10/22/99

Due Date.: 11/21/99
 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	270.00	SKS	6.3500	1714.50	E
Pozmix	180.00	SKS	3.2500	585.00	E
Gel	8.00	SKS	9.5000	76.00	E
Chloride	14.00	SKS	28.0000	392.00	E
Handling	450.00	SKS	1.0500	472.50	E
Mileage (21)	21.00	MILE	18.0000	378.00	E
450 sks @\$.04 per sk per mi					
Surface	1.00	JOB	580.0000	580.00	E
Mileage pmp trk	21.00	MILE	2.8500	59.85	E
Baffle Plate	1.00	EACH	75.0000	75.00	E
Centralizers	2.00	EACH	30.0000	60.00	E
Rubber plug	1.00	EACH	90.0000	90.00	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 896.57
 ONLY if paid within 30 days from Invoice Date

Subtotal: 4482.85
 Tax.....: 0.00
 Payments: 0.00
 Total....: 4482.85

- 896.57
 3586.28

Surface casing

RECEIVED
 STATE CORPORATION COMMISSION

JAN 27 2000

CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

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

15-051-25011-00-00

***** ORIGINAL *****

***** INVOICE *****

Invoice Number: 079983

Invoice Date: 10/28/99

Sold Imperial American Oil Corp
 To: 10004 W. 20th St. N
 Wichita, KS
 67212

Cust I.D.....: ImpAm
 P.O. Number...: MarjorieH#19-1
 P.O. Date.....: 10/28/99

Due Date.: 11/27/99
 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
ASC	200.00	SKS	8.2000	1640.00	E
Gel	3.00	SKS	9.5000	28.50	E
WFR 2	500.00	GAL	1.0000	500.00	E
Salt	18.00	SKS	7.0000	126.00	E
Handling	200.00	SKS	1.0500	210.00	E
Mileage (21) 200 sks @ \$.04 per sk per mi	21.00	MILE	8.0000	168.00	E
Production Casing	1.00	JOB	1080.0000	1080.00	E
Mileage pmp trk	21.00	MILE	2.8500	59.85	E
Plug	1.00	EACH	50.0000	50.00	E
Guide Shoe	1.00	EACH	110.0000	110.00	E
Centralizers	10.00	EACH	25.0000	250.00	E
Rot. Scratchers	10.00	EACH	35.0000	350.00	E
Basket	1.00	EACH	142.0000	142.00	E
AFU Float	1.00	EACH	160.0000	160.00	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 974.87
 ONLY if paid within 30 days from Invoice Date

Subtotal: 4874.35
 Tax.....: 0.00
 Payments: 0.00
 Total....: 4874.35

Production Casing

Pd 11/3/99 #389

974.87
3899.48

RECEIVED
 STATE CORPORATION COMMISSION
 1-27-2000
 JAN 27 2000
 CONSERVATION DIVISION
 Wichita, Kansas



MURFIN DRILLING COMPANY, INC.

15-051-25011-00-00

JOB REPORT

ORIGINAL P-31151

CONTRACTORS AND PRODUCERS

NUMBER

DATE 10-21-99

CHARGES OFFICE USE ONLY

EMPLOYEE	HRS. ON JOB	TYPE OF WORK DONE	CHARGES
M. Stanton	18	dy	540 00

TRUCK OR CAR NO.	MILES OR HRS. ON JOB	TYPE OF WORK DONE	CHARGES
816	90		27 90

DESCRIPTION OF WORK DONE TOTAL CHARGES 567 90

MDCI- Rig 8- Ran 33jts New- 8 5/8" - 24" sand blasted surface - 1381' KB - - welded + strapped. BTM 5jts - circulated. 1-hr prior to cementing. - All rd. cemented surface with 450 sks. 60/40 P02 3% cc - 2% gel. - displaced with 85 1/2 bbl. - landed plug. 700#. 11:00 AM 10-22-99 - cement did. circulate. - Witnessed by Markin Miller-KCC

Centralizers 751' - 1339'
Baffle plate 1339'

LEASE Margjorie H
COMPANY IAOO

WELL NO. 19-1

OFFICE USE ONLY

ACCOUNT	UNIT RIG	W L	NO.	AMOUNT	DESCRIPTION
RECEIVED					
STATE CORPORATION COMMISSION					

APPROVED BY

JAN 27 2000
1-27-2000
CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

2294

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

ORIGINAL
SERVICE POINT:

Russell

15-051-25011-00-00

DATE <u>10-28-99</u>	SEC. <u>19</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT <u>5:00pm</u>	ON LOCATION <u>6:00pm</u>	JOB START	JOB FINISH <u>10:30pm</u>
MARJORIE LEASE # <u>H</u>	WELL # <u>19-1</u>	LOCATION <u>Yocemento 13 N 2W</u>	COUNTY <u>Ellis</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one)							

CONTRACTOR MURFIN Drils #8

TYPE OF JOB Prod. CSG

HOLE SIZE 7 1/2 T.D.

CASING SIZE 5 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 87.4

OWNER

CEMENT

AMOUNT ORDERED 200 lbs ASC 2% Gel 10% Sulf 500 gal WFR

COMMON	<u>200 ASC</u>	@	<u>8.20</u>	<u>1640.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE		@		
WFR-2	<u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>
Salt	<u>18</u>	@	<u>7.00</u>	<u>126.00</u>
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>44 / sk / mile</u>			<u>168.00</u>
				TOTAL <u>2672.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bill

153 HELPER Paul

BULK TRUCK

160 DRIVER Jason

BULK TRUCK

DRIVER

REMARKS:

SERVICE

pipe set @ 360

Shoe Jt. 17

Insert 3584

pump 500 gal Flush Follow 200 lb Cement

pump plug w/ 3 bbls water Land plug @ 100'

Float did hold

plug Rattide w/ 15 lb

DEPTH OF JOB

PUMP TRUCK CHARGE 1080.00

EXTRA FOOTAGE @

MILEAGE 21 @ 2.85 59.85

PLUG @ 50.00

TOTAL 1189.85

Hal Porter

CHARGE TO: Imperial American Oil Corp.

STREET 10004 W. 20th Street North

CITY Wichita STATE Ks ZIP 67212

FLOAT EQUIPMENT

1- Guide shoe	@	<u>110.00</u>
10- Centralizers	@	<u>25.00</u> <u>250.00</u>
10- Rotating Scraper	@	<u>35.00</u> <u>350.00</u>
1- Basket	@	<u>142.00</u>
1- AFO Float	@	<u>160.00</u>
		TOTAL <u>1012.00</u>

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 Mr. Porter

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

RECEIVED
STATE CORPORATION COMMISSION
1-27-2000
JAN 27 2000

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC. 1626 ORIGINAL

REMI 0 P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Dakley

15-05-25011-00-00

DATE <u>10-22-99</u>	SEC. <u>19</u>	TWP. <u>11^s</u>	RANGE <u>19^w</u>	CALLED OUT	ON LOCATION <u>5:00 AM</u>	JOB START	JOB FINISH <u>11:00 AM</u>
LEASE <u>Marjorie "H"</u>			WELL # <u>19-1</u>	LOCATION <u>Ellis 3N-16-SN-1E-1N-2E-1/4S</u>		COUNTY <u>Ellis</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one)							

CONTRACTOR Mur Fin Dels Co #8 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1381'

CASING SIZE 8 5/8 DEPTH 1381'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 42.09'

CEMENT LEFT IN CSG. 42.09'

PERFS. _____

DISPLACEMENT 85 1/2 BBL

CEMENT AMOUNT ORDERED 450 SKS 60% pop

3% CC - 2% Gel

COMMON	<u>270 SKS</u>	@	<u>6³⁵</u>	<u>1,714⁵⁰</u>
POZMIX	<u>180 SKS</u>	@	<u>3²⁵</u>	<u>585⁰⁰</u>
GEL	<u>8 SKS</u>	@	<u>9⁵⁰</u>	<u>76⁰⁰</u>
CHLORIDE	<u>14 SKS</u>	@	<u>28⁰⁰</u>	<u>392⁰⁰</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER _____

BULK TRUCK _____

280 DRIVER Lannie

BULK TRUCK _____

_____ DRIVER _____

HANDLING 450 SKS @ 10⁵ 472⁵⁰

MILEAGE 44 per / SK/mile 378⁰⁰

TOTAL 3,618⁰⁰

REMARKS:

SERVICE

Put Baffle Plate in 1st collar

Cent - #1

Cent - #15

Cement Did Circ

Handed Plug on insert

2 700#, shut in the ya

DEPTH OF JOB 1831'

PUMP TRUCK CHARGE 580⁰⁰

EXTRA FOOTAGE @ _____ 59.85

MILEAGE 21-miles @ 2⁸⁵ 598⁰⁰

PLUG 8 5/8 Rubber @ _____ 90⁰⁰

_____ @ _____ _____

_____ @ _____ _____

TOTAL 729.85

CHARGE TO: Imperial American Oil Corp

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

8 5/8

<u>1- Baffle Plate</u>	@	<u>75⁰⁰</u>
<u>2- Centralizers</u>	@	<u>30⁰⁰</u>
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL 135⁰⁰

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 _____

DISCOUNT _____ IF PAID IN 30 DA

SIGNATURE [Signature]

PRINTED NAME _____

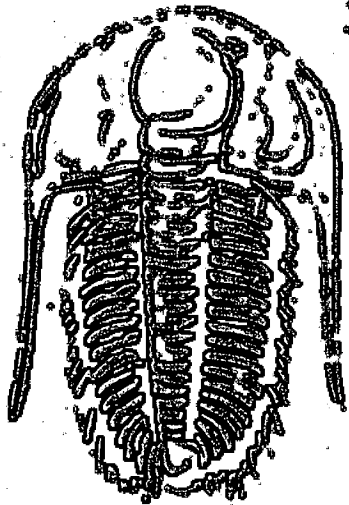
RECEIVED
STATE CORPORATION COMMISSION
1-27-2000
JAN 27 2000

15-051-25011-00-00

Well Name: Marjorie #19-1
Company: Imperial American Oil Co.
Location: 19-11s-19w
Ellis county Kansas
Date: 10-27-99

RECEIVED
STATE CORPORATION COMMISSION
1-27-2000
JAN 27 2000
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL



TRILOBITE
TESTING, L.L.C.

TRILOBITE TESTING L.L.C.

OPERATOR : Hal Porter
 WELL NAME: Marjorie #19-1
 LOCATION : 19-11s-19w Ellis co KS
 INTERVAL : 3532.00 To 3550.00 ft

DATE 10-26-99
 KB 1970.00 ft
 GR 1965.00 ft
 TD 3550.00 ft

TICKET NO: 12058
 FORMATION: arbuckle
 TEST TYPE: CONV

DST #1

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 1145 to 1215 hr
SI 45	Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 1215 to 1300 hr
SF 60	Clock(hrs)	12hr	12	elec			SF Fr. 1300 to 1400 hr
FS 75	Depth(ft)	3546.0	3546.0	3535.0	0.0	0.0	FS Fr. 1400 to 1515 hr

	Field	1	2	3	4	
A. Init Hydro	1809.0	1846.0	1763.0	0.0	0.0	T STARTED 0955 hr
B. First Flow	88.0	90.0	23.0	0.0	0.0	T ON BOTM 1142 hr
B1. Final Flow	110.0	11.0	107.0	0.0	0.0	T OPEN 1145 hr
C. In Shut-in	1126.0	1134.0	1129.0	0.0	0.0	T PULLED 1515 hr
D. Init Flow	187.0	187.0	116.0	0.0	0.0	T OUT 1735 hr
E. Final Flow	253.0	251.0	233.0	0.0	0.0	
F. Fl Shut-in	1126.0	1124.0	1126.0	0.0	0.0	
G. Final Hydro	1787.0	1820.0	1720.0	0.0	0.0	
Inside/Outside	o	o	i			

TOOL DATA-----

Tool Wt.	2000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	70000.00 lbs
Initial Str Wt	54000.00 lbs
Unseated Str Wt	64000.00 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	520.00 ft
D.P. Length	3012.00 ft

RECOVERY

Tot Fluid 580.00 ft of 520.00 ft in DC and 60.00 ft in DP

520.00 ft of clean oil

60.00 ft of Muddy gassy oil 5%gas 63%oil 32%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

SALINITY 0.00 P.P.M. A.P.I. Gravity 28.00

BLOW DESCRIPTION

Initial Flow:
 Weak building to a fair blow 1/2"
 to 5 1/2" blow

Final Flow:
 Fair to strong blow in 20 mins.

MUD DATA-----

Mud Type	chemical
Weight	9.50 lb/cf
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	110.00 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.	Randy Killian
Contr.	Murfin Drlg
Rig #	8
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: Y

15-051-25011-00-00

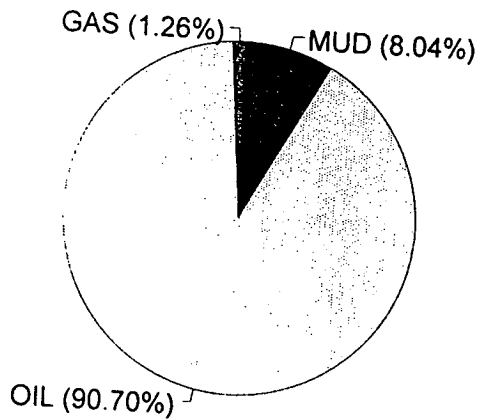
DST 1

CALCULATED RECOVERY ANALYSIS

TICKET 12058

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL	1	60	5	3	63	37.8	0	0	32	19.2
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	3	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	520	0	0	100	520	0	0	0	0
COLLARS	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
TOTAL		580	0	3	0	557.8	0	0	0	19.2

BBL OIL= 3.080316 * HRS OPEN 1.5 = BBL/DAY 49.28506
 BBL WATER= 0 * = 0
 BBL MUD= 0.273024
 BBL GAS = 0.04266



TEST HISTORY

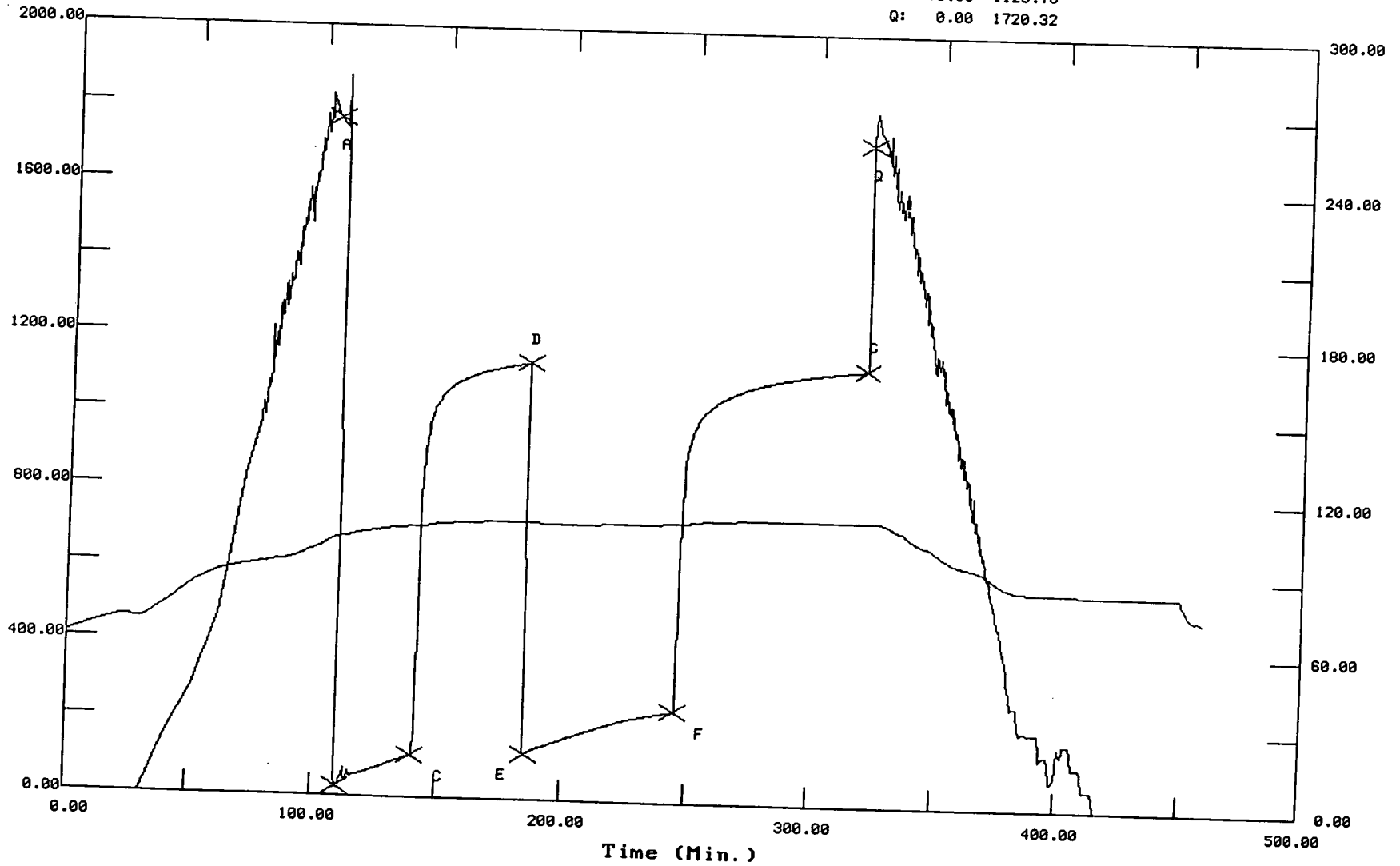
12058 DST#1 Marjorie #19-1 Hal Porter

Flag Points
t(Min.) P(PSig)

A:	0.00	1763.16
B:	0.00	23.32
C:	30.00	107.01
D:	44.50	1129.96
E:	0.00	116.18
F:	59.50	233.56
G:	75.50	1126.76
Q:	0.00	1720.32

15-051-25011-00-00

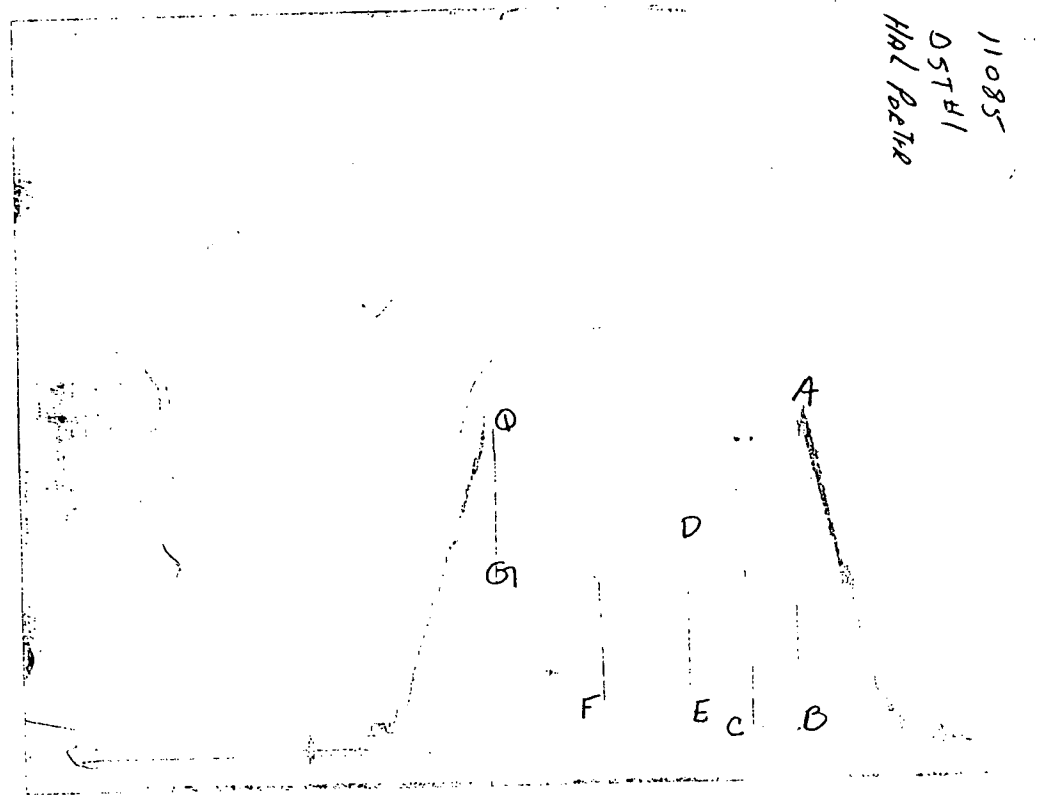
Pressure (PSig)



Temperature (DEC F)

CHART PAGE

11085
DST #1
HAL PETER



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

15-051-25011-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 12058

Test Ticket

Well Name & No. <u>MARJORIE #19-1</u>	Test No. <u>1</u>	Date <u>10-26-99</u>
Company <u>Imperial American Oil Corp.</u>	Zone Tested <u>Arbuckle</u>	
Address <u>10004 W. 20th ST. N. WICHITA, KS 67212</u>	Elevation <u>1970</u> KB <u>1965</u> GL	
Co. Rep / Geo. <u>Randy Killian</u>	Cont. <u>MURFIN 8</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>19</u>	Twp. <u>11^s</u>	Rge. <u>19^w</u> Co. <u>ELLIS</u> State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u>N</u>

Interval Tested <u>3532-3550</u>	Initial Str Wt./Lbs. <u>54000</u>	Unseated Str Wt./Lbs. <u>64000</u>
Anchor Length <u>18</u>	Wt. Set Lbs. <u>2000</u>	Wt. Pulled Loose/Lbs. <u>70000</u>
Top Packer Depth <u>3527</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>3532</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3550</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>520</u>
Mud Wt. <u>9.5</u> LCM <u>50</u> Vis. <u>50</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>3012</u>
Blow Description <u>TFP - WEAK BUILDING TO A FAIR BLOW 1/2" TO 5/2" BLOW</u> <u>FFP - FAIR TO A STRONG BLOW IN 20 min</u> <u>HAD BLOW BACK ON SHUT-IN</u>		

Recovery — Total Feet <u>580</u>	GIP <u>-</u>	Ft. in DC <u>520</u>	Ft. in DP <u>60</u>
Rec. <u>520</u> Feet Of <u>CLEAN OIL</u>	%gas	%oil	%water %mud
Rec. <u>60</u> Feet Of <u>Muddy gassy oil</u>	5 %gas	63 %oil	%water 32 %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
BHT <u>110</u> °F Gravity <u>30</u>	°API D@ <u>80</u>	°F Corrected Gravity <u>28</u>	°API
RW <u>-</u> @ <u>-</u> °F Chlorides <u>-</u>	ppm Recovery	Chlorides <u>7000</u>	ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1809</u>	<u>1763</u>	<u>3027</u>	<u>940</u>
(B) First Initial Flow Pressure	<u>88</u>	<u>23</u>	(depth) <u>3535</u>	T-Started <u>955</u>
(C) First Final Flow Pressure	<u>110</u>	<u>107</u>	PSI Recorder No. <u>11085</u>	T-Open <u>1145</u>
(D) Initial Shut-In Pressure	<u>1126</u>	<u>1129</u>	(depth) <u>3546</u>	T-Pulled <u>1515</u>
(E) Second Initial Flow Pressure	<u>187</u>	<u>116</u>	PSI Recorder No. <u>-</u>	T-Out <u>1735</u>
(F) Second Final Flow Pressure	<u>253</u>	<u>233</u>	(depth) <u>-</u>	T-Off Location <u>1810</u>
(G) Final Shut-in Pressure	<u>1126</u>	<u>1126</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>1787</u>	<u>1720</u>	PSI Initial Shut-in <u>45</u>	Jars _____
			Final Flow <u>60</u>	Safety Joint _____
			Final Shut-in <u>75</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.

Approved By _____

Our Representative RAY SCHWAGER Thank you

Elec. Rec.

Mileage _____

Other _____

TOTAL PRICE \$