

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

Operator: License # 3869

Name: Imperial Oil Properties, Inc.

Address 212 N. Market #513

City/State/Zip Wichita, KS. 67202-2013

Purchaser: N/A

Operator Contact Person: Robert L. Williams, Jr.

Phone (316) 265-6977

Contractor: Name: Berentz Drilling Co., Inc.

License: 5892

Wellsite Geologist: Robert L. Williams, Jr.

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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. _____

10-12-94 10-22-94
Spud Date Date Reached TD Completion Date

API NO. 15- 169-20313-00-00

County Saline

NE - NE - NW Sec. 29 Twp. 16S Rge. 4 ^E _W

4950 Feet from ^N _W (circle one) Line of Section

2970 Feet from ^E _W (circle one) Line of Section

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

Lease Name Neywick Well # 1

Field Name Wilccat

Producing Formation N/A

Elevation: Ground 1439 KB 1444

Total Depth 3822 PBTB N/A

Amount of Surface Pipe Set and Cemented at 607 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 991 11-21-95
(Data must be collected from the Reserve Mt)

Chloride content 300 ppm Fluid volume 700 bbls

Dewatering method used Evaporation & haul

Location of fluid disposal if hauled offsite:

Operator Name Excalibur Prod. Co., Inc.

Lease Name Morris "A" License No. 5330

Quarter 33 Sec. 16 S Rng. 04 E/W

County Saline Docket No. D-25,211

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]

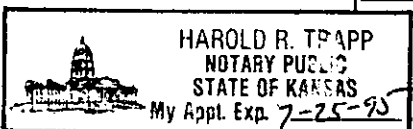
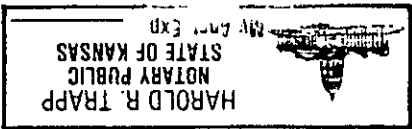
Title PRESIDENT Date FEB 14, 1995

Subscribed and sworn to before me this 14th day of February, 19 95.

Notary Public [Signature]

Date Commission Expires 7/25/95

02-15-1995
FEB 15 1995
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)



Operator Name Imperial Oil Properties, Inc. Lease Name Neywick Well # 1
 Sec. 29 Twp. 16S Rge. 4 East County Saline
 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 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:

Name	Top	Datum
Lansing	2478	(-1040)
Mississippi	3154	(-1716)
Kinderhook	3447	(-2009)
Maquoketa	3662	(-2224)
Viola	3690	(-2252)
Simpson shale	3795	(-2357)
Rotary Total Depth	3822	(-2384)

CASING RECORD <input type="checkbox"/> New <input checked="" 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	28	607 607	^{KCC} Common	400	3% c.c.

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

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

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

ARROW TESTING COMPANY
P. O. BOX 1051 GREAT BEND, KANSAS 67530

ORIGINAL

DRILL-STEM TEST DATA

API #15-169-20313-00-00

Well Name <u>Neywick</u>	Test No. <u>1</u>
Well Number <u>1</u>	Zone Tested
Company <u>Imperial Oil Properties Inc.</u>	Date <u>10/21/94</u>
Comp. Rep. <u>R. L. Williams</u>	Tester <u>Don Fabricius</u>
Contractor <u>Brentz Drly</u>	Ticket No. <u>3165</u>
Location <u>29-16-4</u>	Elevation

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12
Depth 3762 Depth 3766
Initial Hydro Mud Press. 1958 Initial Hydro Mud Press. 1958
Initial Shut-in Press. 648 Initial Shut-in Press. 645
Initial Flow Press. 70-70 Initial Flow Press. 70-70
Final Flow Press. 70-70 Final Flow Press. 70-70
Final Shut-in Press. 424 Final Shut-in Press. 422
Final Hydro Mud Press. 1958 Final Hydro Mud Press. 1958
Temperature _____ Tool Open Before I. S. I. 15 Mins.
Mud Weight 9.4 Viscosity 40 Initial Shut-in 30 Mins.
Fluid Loss 10.4 Flow Period 15 Mins.
Interval Tested 3692-3770 Final Shut-in 30 Mins.
Top Packer Depth 3687 Surface Choke Size 1"
Bottom Packer Depth 3692 Bottom Choke Size 3/4
Total Depth 3770 Main Hole Size 7 7/8
Drill Pipe Size 4 1/2 Fwtl 16.60 Rubber Size 6 3/4
Drill Collar I. D. 2 1/4 Ft. Run 180
Recovery—Total Feet _____
Recovered 20 Feet Of Mud
Recovered _____ Feet Of _____
Recovered _____ Feet Of _____
Recovered _____ Feet Of _____
Remarks
Very weak blow dead in 15 min.

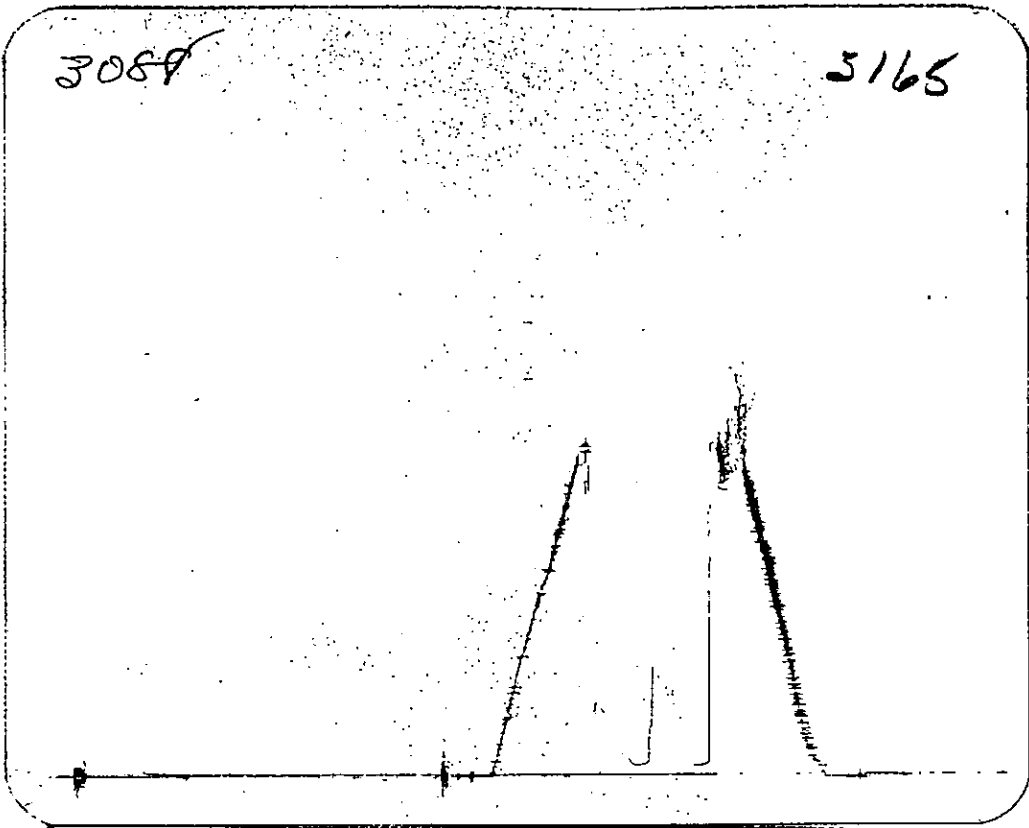
THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner, Operator or his Agent

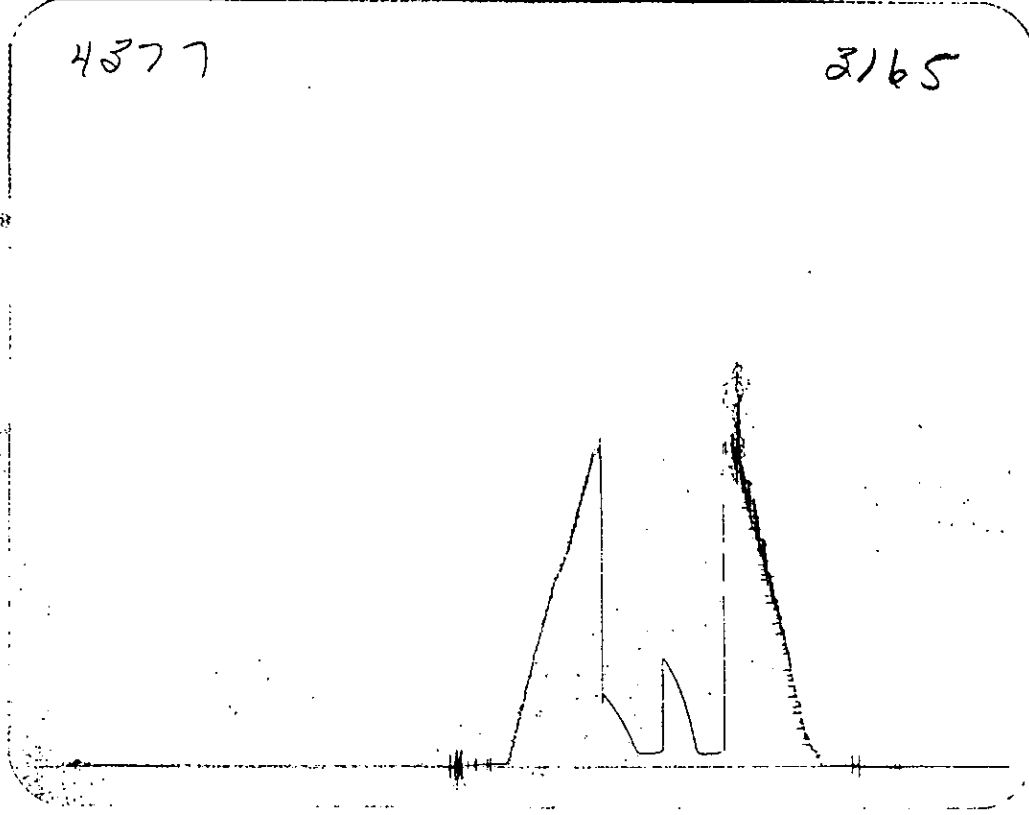
3089

3165



4377

3165



ARROW TESTING COMPANY

P. O. BOX 1051

GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

API#15-169-20313-00-00

Well Name <u>Neywick</u>	Test No. <u>2</u>
Well Number <u>1</u>	Zone Tested <u>Simpson</u>
Company <u>Imperial Oil Properties Inc.</u>	Date <u>10/22/94</u>
Comp. Rep. <u>R. L. Williams</u>	Tester <u>Don Fabricius</u>
Contractor <u>Brentz Drly</u>	Ticket No. <u>3166</u>
Location <u>29-16-04</u>	Elevation _____

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12

Depth 3807 Depth 3810

Initial Hydro Mud Press. 1912 Initial Hydro Mud Press. 1913

Initial Shut-in Press. 1393 Initial Shut-in Press. 1398

Initial Flow Press. 23-23 Initial Flow Press. 23-23

Final Flow Press. 46-55 Final Flow Press. 46-35

Final Shut-in Press. 1372 Final Shut-in Press. 1375

Final Hydro Mud Press. 1912 Final Hydro Mud Press. 1913

Temperature _____ Tool Open Before I. S. I. 10 Mins.

Mud Weight 9.4 Viscosity 43 Initial Shut-in 20 Mins.

Fluid Loss 10.2 Flow Period 10 Mins.

Interval Tested 3806-18 Final Shut-in 20 Mins.

Top Packer Depth 3806 Surface Choke Size 1"

Bottom Packer Depth 3818 Bottom Choke Size 3/4

Total Depth 3822 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 Ft. 16.60 Rubber Size 6 3/4

Drill Collar I. D. 2 1/4 Ft. Run 180

Recovery—Total Feet _____

Recovered 5 Feet Of Mud

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Remarks _____

Very weak blow for 10 min

Straddle test

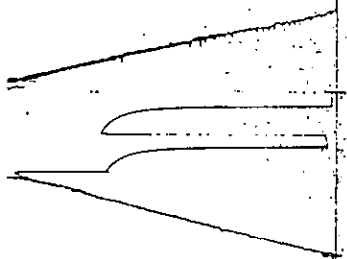
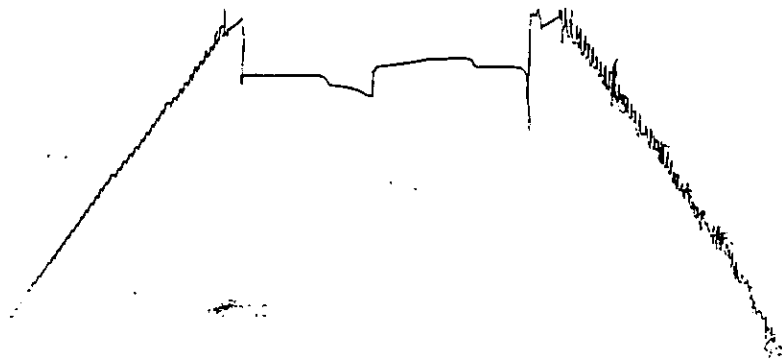
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It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner, Operator or his Agent

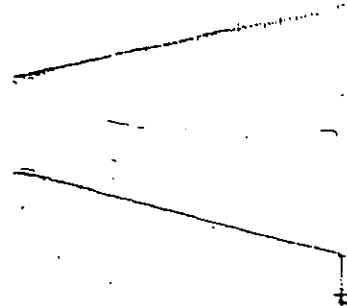
205

2166



2166

3088



0754

1077

LEASE # 94-002

ORIGIN

API# 15-169-20313-00-00

Company Imperial Oil Properties, Inc.

Location NE NE NW
Sec. 29 - T 16 S - R 4 W

Lease NEYWICK Well # 1

County Saline

Contractor Berentz
Rig # 5

State Kansas
Notify: Godson/Jackson
Albury

Elev. Req. Sept. 19, 1994

Date Comm. October 12, 1994

Intent to Drill Filed Sept. 26, 1994

Date Comp. OCTOBER 22, 1994

Surface Pipe Used, 28#, 8 5/8ths set at 667' w/400 sx common, 3% CaCl₂, 1/4th# Floce1

Production Casing PLUGGED & ABANDONED 10/22/94 - 40 SAX @ 720', 30 SAX @ 60'
15 SAX IN RATHOLE

Elevation 1433 Ground, 1438 Kelly Bushing

DRILLERS

Formation Tops

No LOG
E-LOG

Lansing	<u>2478 (-1040)</u>
Mississippi	<u>3154 (-1716)</u>
Kinderhook	<u>3447 (-2009)</u>
Maguoketa	<u>3662 (-2224)</u>
Viola	<u>3690 (-2252)</u>
Simpson Shale	<u>3795 (-2357) Simp. SD. 3820 (-2382)</u>
Arbuckle	<u>Not Reached</u>
R.T.D.	<u>3822 (-2384)</u>

STATE CORPORATION COMMISSION
 FEB 2 11 1995
 COMMISSIONER OF REVENUE
 WASHINGTON, D.C.

L.T.D.

Daily Drilling Report

Date	
10/12	MIRT, Rig Up,
10/13	Drill 12 1/4" hole to 670'. Weld collars on surface pipe, Run 667' of 8 5/8ths inch used, 28#, pipe. Cement with guide shoe , two centralizers and 400 sax of common w/3% CaCl ₂ , and 1/4#sk Flocele.
10/14	Plug down at 3:10 AM, WOC. Driller hard banding new string of used pipe.
10/15	Drilling below surface pipe @ 840', 7:00 AM
10/16	" @ 1750'
10/17	" @ 2460' - HEAVY RAIN IN P.M.
10/18	" @ 2705' - BIT TRIP - CL ₂ INCREASE - SWITCH MUD TO SALT GEL
10/19	" @ 2998'
10/21	DST#1 - 3692-3770 (15-30-15-30) REC. 20' MUD 645-422# , FP 70-70, 70-70.
10/22	DST#2 STRADDLE 3806-18 (10-20-10-20) REC. 5' MUD 1398-1375# , FP 23-23, 46-35.

SUN CEMENTING AND ACIDIZING, INC.

Box 165
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

004530

15-109-20313-00-00

Customer Order No 14-14	Sect. 29	Twp. 14 S	Range 44 W	Truck Called Out 5:00 PM	On Location 11:30 AM	Job Began 12:00 PM	Job Completed 3:15 PM
Owner LAWRENCE (LAWRENCE) CO	Contractor LAWRENCE OIL CO			Charge To LAWRENCE (LAWRENCE) CO			
Mailing Address 212 N. MAIN ST #513			City WICHITA	State KANSAS			
Well No. & Form NEW 1	Place	County SALINE	State KANSAS				
Depth of Well 680'	Depth of Job 607'	Casing (New Used)	Size 2 1/2"	Weight 25#	Size of Hole Amt. and Kind of Cement 1 1/2" 415 LBS	Cement Left in casing by	Request Necessity 100 feet
Kind of Job ACIDIZING				Drillpipe	(Rotary)	Truck No. 35	

Price Reference No	1
Price of Job	419.00
Second Stage	
Mileage 90 - 2.10	181.00
Other Charges	
Total Charges	600.00

Remarks
SAFETY - 4 1/2" HOLE
EXCEED 14 T. 5 7/8" CASING
FREE R. OIL 1 FRESH WATER
BY 415 LBS. REC. 250 GALLONS
THRU 100' - RELEASE FILL
IN PLACE (CASING, 415 LBS.)
ICE COMPLETE
(OIL 415 LBS. (CASING))

Cementor M. HALL
Helper S. NEWLAND District FIELD State KANSAS
The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

10/24/41

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
415 SACS	SALINE 1 1/2" CASING	25.50	2122.00
1160 LBS	CEMENT	2.65	307.40
50 LBS	FRACILE	6.00	300.00
1 SA	5 7/8" TOP RIBBER LINE	52.00	52.00
2 SA	2 1/2" CENTRALIZERS	37.50	75.00
	40 LBS Handling & Dumping	5.00	200.00
Plugs	1147.00 Mileage 10	7.00	1222.20
	Sub Total		4635.24
	Delivered by Truck No.	Discount	
	Delivered from <u>FIELD</u>	Sales Tax	197.34
	Signature of operator	Total	4832.58