

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

API NO. 15- 189-21,376-0000

County STEVENS

SW NE NE Sec. 3 Twp. 32S Rge. 38 X East West

4030 Ft. North from Southeast Corner of Section

1250 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Leonard "B" Well # 3H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3174 KB NA

Total Depth 2874 PBTD 2864

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P.O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Panhandle Eastern Pipeline Co.
(Transporter)

Operator Contact Person: M. L Pease

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

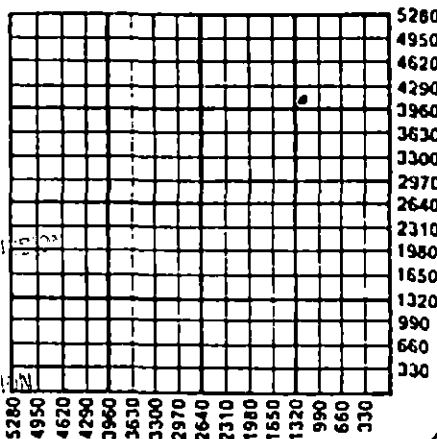
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9-9-89 9-12-89 11-25-89

Spud Date Date Reached TD Completion Date



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Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 620 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Beverly J. Williams
Beverly J. Williams

Title Engineering Technician Date 1-23-90

Subscribed and sworn to before me this 23rd day of January, 1990.

Notary Public Cheryl Steers

Date Commission Expires _____



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

X

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name LEONARD "B" Well # 3H

East County STEVENS

Sec. 3 Twp. 32S Rge. 38 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.

<p>Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td style="text-align: center;">1123</td> <td style="text-align: center;">1169</td> </tr> <tr> <td>Cedar Hills</td> <td style="text-align: center;">1269</td> <td style="text-align: center;">1427</td> </tr> <tr> <td>Stone Corral</td> <td style="text-align: center;">1693</td> <td style="text-align: center;">1760</td> </tr> <tr> <td>Chase</td> <td style="text-align: center;">2481</td> <td style="text-align: center;">2817</td> </tr> <tr> <td>Council Grove</td> <td style="text-align: center;">2817</td> <td style="text-align: center;">NA</td> </tr> <tr> <td>TD</td> <td></td> <td style="text-align: center;">2874</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1123	1169	Cedar Hills	1269	1427	Stone Corral	1693	1760	Chase	2481	2817	Council Grove	2817	NA	TD		2874
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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	24.0	620	25/75 Poz	225	2% CC
Production	7 7/8	5 1/2	14.0	2869	Common	150	3% CC
					Class C	245	20% DCD
							10% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2	2792-2815, 2760-69, 2701-36, 2643-90 2584-2616, 2527-65, 2501-18	BK DWN w/22,100 gals 2% KCL, WTR & 503 BS. Frac w/136,600 gals x-linked 2%KCL, WTR & 401,700# 12/20 sd 2501-2815 O.A.

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

Date of First Production SI WO SALES	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
		2060 @ 105 psi		

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
2501-2815
O.A.



INVOICE

REMIT TO:

P O BOX 201556
HOUSTON TX 77216

0312

917111
APX CORPORATION

P O BOX 351
LIBERAL KS 67905

INVOICE DATE	
09/10/89	
PAGE	1
INVOICE NUMBER	
03-12-1957	
TYPE SERVICE	
CEMENTING CEMENT SURFACE C.	

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
ULYSSES	KS	STEVENS	ULYSSES KS	FDS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
ULYSSES			09/10/89	PAUL GATLIN	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
048209000	0-1500' CASING CEMENTER	0HR	1	433.0000	433.00
048209001	ADD'L PER FT BELOW 300'	FT	320	.4100	131.20
049102000	TRANSPORTATION CHRT TON MILE	MI	210	.8000	168.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	392	1.0800	423.36
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	110.0000	110.00
040015000	0909, CEMENT CLASS H	CFT	319	6.8500	2,185.15
045000000	D35, LITEPOZ 3 EXTENDER	CFT	56	2.3000	128.80
067005100	S1, CALCIUM CHLORIDE	LBS	823	.3200	263.36
044003025	D29, CELLOPHANE FLAKES	LBS	94	1.3500	126.90
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	28	2.4000	67.20
056704085	PLUG CENG 8-5/8" TOP AL CORE	EA	1	140.0000	140.00
	DISCOUNT - MATERIAL				763.68-
	DISCOUNT - SERVICE				357.84-

SUB TOTAL -- 3,055.45
 STATE TAX ON 2,000.54 88.42
 AMOUNT DUE -- 3,143.87

Paul Gatlin

4367-2041
 KA 9-19

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 Wichita, Kansas

WITH QUESTIONS CALL 316-356-1272
 FEDERAL TAX ID # 38-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE OCT 10, 1989

THANK YOU. WE APPRECIATE YOUR BUSINESS.

A.A. Johnston
 K J JOHNSTON

GABBERT-JONES, INC.
 DRILLERS' WELL LOG

LEONARD B 3H
 SEC. 3-32S-38W
 STEVENS COUNTY, KS

Commenced: 9-9-89
 Completed: 9-12-89
 Operator: ANADARKO PETROLEUM CORP. R-6

Depth		Formation	Remarks
From	To		
0	440	Clay-Sand-Redbed	Ran 15jts of 24# 8 5/8" csg set @ 620' w/225`sks 25/75 Posmix - 2%CC - 150sks Common -3%CC - 1/4#CF PD @ 10:30 PM 9-10-89
440	1050	Sand-Shale	
1050	1268	Redbed-Shale	
1268	1430	Glorietta Sand	
1430	2750	Shale	
2750	2860	Lime-Shale	
2860	2874	Lime	
	2874		Ran 67jts of 14# 5 1/2" csg set @ 2869' w/205 sks class C - 20%DCD - 40sks class C - 10%DCD PD @ 10:00PM 9-12-89 RR @ 11:00PM 9-12-89

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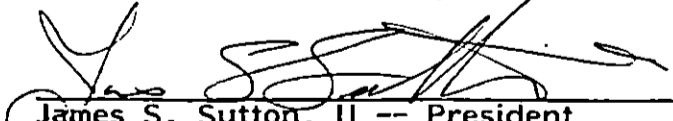
SEP 15 1989

CONSERVATION DIVISION
 Wichita, Kansas

State of Kansas
 County of Sedgwick

) I, the undersigned, being duly sworn on oath, state
) that the above Drillers' Well Log is true and correct
) to the best of my knowledge and belief and according
 to the records of this office.

Gabbert-JONES, INC.


 James S. Sutton, II -- President

Subscribed & sworn to before me this
 15th day of Sept 1989


 Lola Lenore Costa

My Commission expires Nov. 21, 1992

LOLA LENORE COSTA
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 11/21/92