

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

API NO. 15- 145-Q/009
County Pawnee ORIGINAL

Operator: License # 9971
Name: Kodiak Petroleum, Inc.
Address 44 Inverness Drive East
Suite B, Building D
City/State/Zip Englewood, CO 80112

SE - SE - SE Sec. 8 Twp. 20S Rge. 19 X W
330' Feet from (S/N) (circle one) Line of Section
290' Feet from (E/W) (circle one) Line of Section

Purchaser: N/A
Operator Contact Person: Kent A. Johnson

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)
Lease Name Pfenninger Well # 8-16

Phone (303) 790-7550
Contractor: Name: Abercrombie Drilling

Field Name Unnamed
Disposal Arbuckle
Elevation: Ground 2209' KB 2214'
Total Depth 4634' PBDT 4608'

License: 30684
Wellsite Geologist: Kent A. Johnson

Amount of Surface Pipe Set and Cemented at Alternate 2 356 Feet
Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
 New Well X Re-Entry Workover
 Oil X SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If yes, show depth set 1392 Feet
If Alternate II completion, cement circulated from 1392'
feet depth to surface w/ 535 ex cmt.

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

Operator: National Cooperative Refinery
Well Name: Pfenninger #1
Comp. Date 7/22/53 Old Total Depth 4340'
X Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No.
 Dual Completion Docket No.
X Other (SWD or Inj?) Docket No. D-26,529
4/25/92 4/27/92 5/13/92
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan 3-17-93
(Data must be collected from the Reserve Pit)
Chloride content 84 M ppm Fluid volume 1000 bbls
Dewatering method used Air dry
Location of fluid disposal if hauled offsite:
Operator Name
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, 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 [Signature]
Title Kent A. Johnson, President Date 10/5/92

Subscribed and sworn to before me this 5th day of October, 1992.

Notary Public Judith C. Pennington
Date Commission Expires April 19, 1993

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 Kodiak Petroleum, Inc. Lease Name Pfeiffer Well # 8-16

Sec. 8 Twp. 20S Rge. 19 East County Pawnee

East 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Stone Corral Anhydrite	1370'	+ 844
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Chase	2282'	- 68
List All E.Logs Run:		Heebner	3697'	-1483
Compensated Neutron-Litho-Density		Lansing	3746'	-1532
Gamma Ray		Base Kansas City	4056'	-1842
Cement Bond Log		Cherokee Shale	4202'	-1988
		Mississippian	4322'	-2108
		Viola	4402'	-2188
		Simpson Shale	4434'	-2220
		Arbuckle	4441'	-2227

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 *		8 5/8		360'			
Production	7 7/8	5 1/2	15.5#	4634'	Class A	120	salt, fly ash, CaCl, Gel

* ~~OWC~~ Surface pipe set in 1953 ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Alternate 2 Perforate	surface			
<input type="checkbox"/> Protect Casing	1392'	65/35 POZ	535	6% Gel 1/4 celloflake
<input type="checkbox"/> Plug Back TD				upper stage witnessed by KCC - Duane Rankin
<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 SPF	4442-58, 4462-68, 4483-96 140 holes, 54' OA	3000 gal 15% MCA	4442-4496
		* Set packer in 10,000# tension w/ 75 bbls packer fluid in annulus. Cap.	70 bbls.

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4434.36	4430.59 *	

Date of First, Resumed Production, (SUD or Inj.)	Producing Method	Disposing of water on vacuum
Disposal 5/18/92	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
					Dispose approx. 450 bbl/d water/day

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 4442-4496

Mechanical integrity tested @ 300#

Other (Specify) approved by KCC - Steve Pfeiffer



ORIGINAL

6 1992

ORIGINAL

INVOICE DATE

04/28/92

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. C69530
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AUTHORIZED BY 069530

PURCH. ORDER REF. NO.

KODIAK PETROLEUM, INC. CORPORATION COMMISSION

RECEIVED

PFEFF SWDW

44 INVERNESS DR
BLDG D, SUITE B
ENGLEWOOD CO 80112 CONSERVATION DIVISION
WICHITA, KS
WELL NUMBER : SWD CUSTOMER NUMBER : 10105 - 0

MAR 17 1993

LEASE NAME AND NUMBER <u>PFEFFINGER SWD</u>	STATE <u>14</u>	COUNTY/PARISH <u>1409</u>	CITY <u>Great Bend</u>	DISTRICT NAME <u>582</u>	DISTR. NO.
JOB LOCATION/FIELD <u>LEE T BLKTOP</u>		MTA DISTRICT	DATE OF JOB <u>04/28/92</u>	TYPE OF SERVICE <u>LAND-LONG STRING/PRODUCT</u>	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100326	1.00	CEMENT CASING 4,501 TO 5,000 FEET	1326.00		1,326.00
10101591	1.00	ADD STAGES, CONTINUOUS OR INTERMIT	1000.00		1,000.00
10109005	40.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.47		98.80
10409600	3.00	METAL BASKET	140.00	GAL	420.00
10409600	1.00	FLOAT SHOE	237.00	GAL	237.00
10409600	1.00	DV TOOL	3135.00	GAL	3,135.00
10409600	4.00	CENTRALIZERS	46.75	GAL	187.00
10409600	9.00	SCRATCHERS	21.80	GAL	196.20
10410504	458.00	CLASS "A" CEMENT	5.63	CF	2,578.54
10415018	182.00	FLY ASH	2.94	CFT	535.08
10415038	3180.00	A-5 SALT	0.12	LB	381.60
10415049	113.00	A-7-P CALCIUM CHLORIDE PELLETS	0.48	LB	54.24

BART#2TD
43251
SWD

ACCOUNT	<p>458 120 A - BTM STG 338 CLASS A 182 FLY ASH CHARGE 520</p>
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TAX EXEMPTION STATUS:	BROUGHT OUT 5755x
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KODIAK PETROLEUM, INC.

MAR 17 1993

44 INVERNESS DR
BLDG D, SUITE B
ENGLEWOOD CO 80112
WELL NUMBER : SWD

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER NUMBER : 10105 - 0

LEASE NAME AND NUMBER EFFENNINGER	STATE 14	COUNTY/PARISH 1409	CITY Great Bend	DISTRICT NAME 582	DISTR. NO.
JOB LOCATION/FIELD LEE T BLKTOP		MTA DISTRICT	DATE OF JOB 04/28/92	TYPE OF SERVICE LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10420145	2828.00	BJ GEL, BENTOLNITE, PER POUND	0.15	LB	424.20
10422008	130.00	CELLO FLAKE	1.35	LB	175.50
10428020	677.00	A-10 GYPSEAL	0.23	LB	155.71
10880001	708.00	MIXING SERVICE CHRG DRY MATERIALS,	1.16		821.28
10940101	1374.80	DRAYAGE, PER TON MILE	0.79		1,086.09
<p>APPROVED FOR PAYMENT</p> <p>BY: <i>[Signature]</i></p>			SUBTOTAL		12,812.24
ACCOUNT			DISCOUNT		(3,587.44)
1.3009% BARTON			6,105.64		61.05
4.2500% KS-NEW WELL			6,105.64		259.47

Handwritten notes:
 72200 - 631.50
 72475 - 4530.04
 73045 - 2,375.70
 1000 \$/10/92

PAID

TAX EXEMPTION STATUS:

PAY THIS AMOUNT

9,545.32