

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

ORIGINAL

Operator: License # 9971
Name: Kodiak Petroleum, Inc.
Address 44 Inverness Drive East
Suite B, Building D
City/State/Zip Englewood, CO 80112
Purchaser: None - Well Shut-in
Operator Contact Person: Kent A. Johnson
Phone (303) 790-7550
Contractor: Name: Red Tiger Drilling Co.
License: 5302
Wellsite Geologist: Charles W. Cook

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

If Workover/Re-Entry: old well info as follows
Operator: N/A
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
10/26/91 10/30/91 11/26/91
Spud Date Date Reached TD Completion Date

API NO. 15- 145-21,380.0000
County Pawnee
-C-NE-SW Sec. 21 Twp. 20 Rge. 19 E
1980' Feet from S/N (circle one) Line of Section
1980' Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Smith Well # 21-11
Field Name Oro South
Producing Formation Chase
Elevation: Ground 2203' KB 2208'
Total Depth 2460' PBTB 2393'
Amount of Surface Pipe Set and Cemented at 457 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from N/A
feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan ACT 1
(Data must be collected from the Reserve Pit) 8-6-92 DAW
Chloride content 48,000 ppm Fluid volume 485 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name N/A
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

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JUL 15 1992
CONSERVATION DIVISION
WICHITA, KS

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 Kent A. Johnson
Title President Date 2/3/92
Subscribed and sworn to before me this 32d day of February, 19 92.
Notary Public Judith C. Pennington
Date Commission Expires 4/19/93

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 Smith

Well # 21-11

East

County Pawnee

Sec. 21 Twp. 20 Rge. 19

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.)

(see attached sheet) Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Density-Neutron w/ GR & Caliper

NOTE: No Induction Log run

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Stone Corral Anhydrite	1346'	+862
Chase Group:		
Krider	2278'	(-70)
Winfield	2332'	(-124)
Towanda	2399'	(-252)

CASING RECORD

Surface

New Used Production

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"	23#	457'	60/40 POZ	225	2% gel 3% Cacl
Production	7 7/8"	4 1/2"	9.5#	2441'	BJ Surefill	125	10% salt

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
2 SPF	2358' - 2364'	800 gal 15% Hcl	
2 SPF	2302' - 2312'		
2 SPF	2282' - 2296'	700 gal 15% Hcl	
		Later 3000 gal 20% Hcl	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
New	2 3/8"	2370'	None	

Date of First, Resumed Production, SWD or Inj. Well shut-in/non-commercial	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Shut-in Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		25 MCF	15 BWDP		

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Coamingled Chase
 Other (Specify) _____

Production Interval

ORIGINAL

OPERATOR: Kodiak Petroleum, Inc.
WELL NAME: Smith #21-11
LOCATION: NE/SW Sec. 21-T20S-R19W
COUNTY, STATE: Pawnee, Kansas

DST #1:

Foramation	Krider
Interval	2274' - 2316'
Times	7-20-30-90
IFP	79-57
ISIP	135
FFP	78-54
FSIP	378
HP	1108, 1025
Recovery	65' SGCM

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TELEPHONE:
AREA CODE 913 483-2627

ORIGINAL ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

(NOV) 4 1991

Bill 11/25

TO: Kodiak Petroleum, Inc.
Suite B Bldg. D 44 Inverness DR. East
Englewood, CO 80112

INVOICE NO. 60634
PURCHASE ORDER NO. _____
LEASE NAME Smith-21-11
DATE Oct. 26, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common	135	sks @ \$5.25	\$708.75	
Pozmix	90	sks @ \$2.25	202.50	
Chloride	7	sks @ \$21.00	<u>147.00</u>	\$1,058.25
Handling	225	sks @ \$1.00	225.00	
Mileage	(35)	@ \$.04¢ per sk per mi	315.00	
Surface			380.00	
Mi		@ \$2.00 pmp trk chg	70.00	
	157'	@ \$.39¢ over 300'	61.23	
	1	plug	<u>42.00</u>	<u>1,093.23</u>

*#31008
30007
71730*

11/12/91

APPROVED FOR PAYMENT

By: *[Signature]*
Thank you!

If account CURRENT 15% discount will be allowed ONLY if paid within 30 days from date of invoice.

Total \$2,151.48
(322.72) 15%
1828.76

POSTED

POSTED
12/9/91

Cement circulated ✓

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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ORIGINAL

NOV 12 1991

15.145.21300.0000

ORIGINAL

INVOICE DATE

10/30/91

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	INVOICE NO.
1	057633

AUTHORIZED BY
057633

PURCH. ORDER REF. NO.

KODIAK PETROLEUM, INC.

44 INVERNESS DR
BLDG D, SUITE B
ENGLEWOOD CO 80112
WELL NUMBER : 71-119

CUSTOMER NUMBER : 10105 - 0

LEASE NAME AND NUMBER SMITH	STATE 14	COUNTY/PARISH 1409	CITY	DISTRICT NAME Great Bend	DISTR. NO. 582
JOB LOCATION/FIELD LEL TURNER	MTA DISTRICT	DATE OF JOB 10/30/91	TYPE OF SERVICE LAND-CEMENTING MATERIAL		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10409600	1.00	4 1/2 INSERT	168.00	GAL	168.00
10409600	1.00	SHOE	109.00	GAL	109.00
10409600	4.00	CENT	43.55	GAL	174.20
10409600	4.00	SCRATCHERS	16.65	GAL	66.60
SUBTOTAL					517.80
DISCOUNT					103.56
ACCOUNT		1.0000% BARTON	414.24		4.13
		4.2500% KS-NEW WELL	414.24		17.60
TAX EXEMPTION STATUS:					435.97

W# 302 20
3100 7

71730

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MAIL TO JIM

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WICHITA, KS

POSTED
10/9/91

APPROVED FOR PAYMENT
By: [Signature]

PAY THIS AMOUNT