

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

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

Purchaser

Operator Contact Person Kent A. Johnson
Phone 303-790-7550

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Charles W. Cook
Phone 303-790-7550

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas SI Inj. Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONNO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

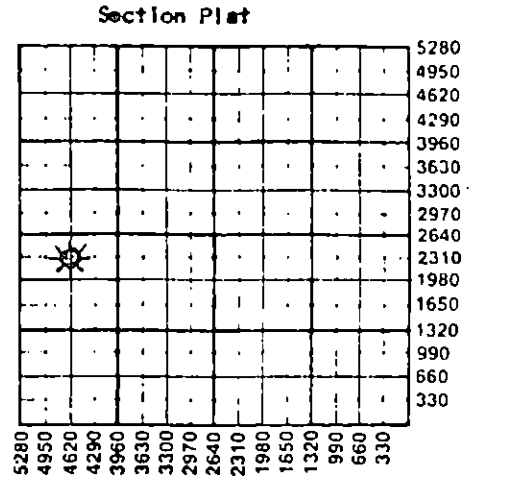
Drilling Method:
 Mud Rotary Air Rotary Cable
11/3/87 11/11/87 12/24/87
Spud Date Date Reached TD Completion Date
4,300' 2,536'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 452 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name BJ Titan
Invoice #

API NO. 15-145-21,269-0000
County Pawnee
C of N/2 NW/4SW/4 10 20S Rge 19W East
Sec Twp Rge East West

2310 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Hams Well # 10-12
Field Name ~~Wildcat~~ Ono
Producing Formation Chase Group
Elevation: Ground 2240 KB 2245



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water 4000 Ft North from Southeast Corner
(Stream, pond etc.) 1400 Ft West from Southeast Corner
Sec 10 Twp 20S Rge 19 East West
Anna Josefiak, Kinsley, KS 67547
Other (explain)
(purchased from city, R.W.D. #)

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. 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 July 25, 1988

Subscribed and sworn to before me this 25th day of January 1988
Notary Public Kris Ann Rosengren
Date Commission Expires Sept 10, 1988

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

Section 20 page 192

Operator Name Kodiak Petroleum, Inc. Lease Name Harms Well # 10-12
 Sec. 10 Twp. 20S Rge. 19W East West County Pawnee

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

DST #1 - 2270-2298' (Krider) - Times 10-30-60-120
 1st open: Strong blow to bottom of bucket.
 GTS 10 min.
 2nd open: GTS 5 min.
 Gauge 44 MCFD building to 112 MCFD at end of test. Rec 70' mud.
 IFP 54-54; ISIP 603; FFP 54-57; FSIP 607;
 HP 1253, 1214
 BTU 609

DST #2 - 2361-2416' (Towanda)
 Times 10-20-30-60
 1st open: Strong blow, GTS 6 min.
 2nd open: Strong blow. Gauge 627 MCFD in 5 min., building to 652 MCFD at end of test.
 Rec 285' WM.
 IFP 162-164; ISIP 628; FFP 198-198; FSIP 628;
 HP 1294, 1271
 BTU 769

Formation Description		Datum
Name	Top	Bottom
<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample		
Anhydrite	1378'	+867
Wellington	1796'	+449
Chase Group:		
Krider	2278'	-33
Winfield	2330'	-85
Towanda	2393'	-148
Wabaunsee Grp.	3009'	-764
Heebner	3654'	-1409
Lansing	3698'	-1453
Kansas City	3772'	-1527
B/Kansas City	4007'	-1762
Marmaton	4031'	-1786
Cherokee Shale	4140'	-1895
Cherokee Sand	4150'	-1905
Mississippian	4253'	-2008

RELEASED

CASING RECORD New & Used MAR 30 1989

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	Percent Additives
Surface	12 1/4"	8 5/8"	24#	456'	60/40 Poz	225	3%CC; 2% Gel
Production	7 7/8"	4 1/2"	10.5#	2,536'	Surefill	100	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2396-2400' x 2400-2410'	1000 gal. 15% HCl w/clay stab.	
2	2334-2340' x 2355-2361'	1000 gal. 15% HCl w/clay stab. and iron-sequestering agent	
2	2288-2296' x 2306-2312'	1000 gal. 15% HCl w/clay stab. and iron-sequestering agent	

TUBING RECORD

Size	Set At	Packer at	Liner Run
2 3/8"	2281'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production: SI
 Producing Method: Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
		1200			

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

Production Interval
 2288-2296',
 2306-2312',
 2334-2340',
 2355-2361',
 2396-2410'

Operator Name: Kodiak Petroleum, Inc. Lease Name: Harms Well # 10-12

Sec. 10 Twp 20S Rge 19W County: Pawnee

DST #3 - 4143-4163' (Upper Cherokee) Times 10-30-60-90

1st open: Built to bottom of bucket in 1 1/4 min.
2nd open: Bottom of bucket in 2 min. Remained in bottom throughout 60 min. open

Rec 240' GIP, 2162' fluid (1862' gassy MCO x 300' SW)
(Oil - 40% O, 45% M, 15% W)

Sample chamber: rec 2000 cc fluid (10% oil, 90% water)
IFP 497-497; ISIP 1052; FFP 572-686; FSIP 895;
HP 2219, 2167

DST #4 - 4213-4227' (Lower Cherokee) Times 15-30-60-120

1st open: Weak blow built to bottom of bucket in 5 min.
2nd open: Bottom of bucket in 7 min. Blew off bottom entire 60 min. open.

Rec 1543' MSW, v. sli gas cut.
Sample chamber: rec 2000 cc SW (125# in chamber)
IFP 180-317; ISIP 958' FFP 317-539' FSIP 895;
HP 2251, 2240

RELEASED

MAR 30 1969

FROM CONFIDENTIAL

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAR 29 1969

CONSERVATION DIVISION
Wichita, Kansas