

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 # 5242
name Petroleum Management, Inc.
address 400 N. Woodlawn, Suite 201
City/State/Zip Wichita, Ks. 67208

Operator Contact Person Dale Silcott
Phone 316-686-7287

Contractor: license # 5302
name Red Tiger Drilling Company

Wellsite Geologist R. D. Reber, Jr.
Phone 686-7287

PURCHASER Inland Crude Purchasing Corp.

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-13-84 6-21-84 8/2/84
Spud Date Date Reached TD Completion Date

3846'
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 359 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1892 feet

If alternate 2 completion, cement circulated
from 1892 feet depth to surface w/ 360' SX cmt

API NO. 15 - 065-22,002-0000

County Graham

SW/4 NW/4 NW/4 Sec. 15 Twp. 6S Rge. 21 East XX West
(location)

.4290!... Ft North from Southeast Corner of Section
.4950!... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

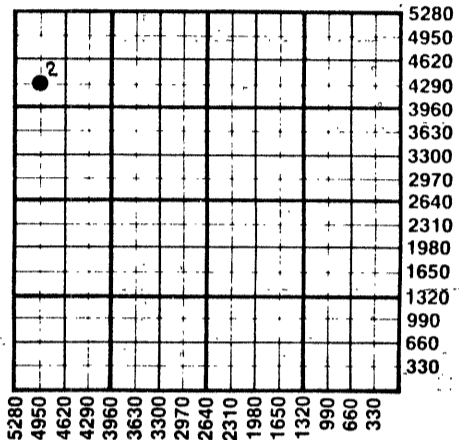
Lease Name Patterson Well# 2

Field Name PIONEER

Producing Formation Arbuckle

Elevation: Ground 2236' KB 2241'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and
(Well) ... Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water... Ft North From Southeast Corner and
(Stream, Pond etc.) ... Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) _____
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 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 Dale Silcott

Title Vice President Date 9/4/84

Subscribed and sworn to before me this 4th day of September 19 84

Notary Public Bonnie Brown
Date Commission Expires



REC'D
9-7-84

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)

Sec. 15 Twp. 6S Rge. 21W

SIDE TWO

Operator Name Petroleum Management, Inc. Case Name Patterson Well# 2 SEC 15 TWP. 6S RGE. 21 East West

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 3542-3568'
 Open 30 min., Closed 45 min. Open 30 min.,
 Closed 45 min. Recovered 1395' muddy water with
 slight oil scum.
 IFP 101-444 FFP 494-699
 ISIP 1238 FSIP 1248

DST #2 3568-3602'
 Open 45 min., Closed 45 min. Open 60 min with
 steady blow. Closed 45 min. Recovered 5' oil and
 290' muddy water.
 IFP 64-108 FFP 130-182
 ISIP 1011 FSIP 959

DST #3 3610-3632'
 Open 30 min. Closed 45 min. Open 30 min with
 no blow. Closed 45 min. Recovered 5' slightly
 oil-spotted mud.
 IFP 44-44 FFP 44-44
 ISIP 55 FSIP 55

DST #4 3631-3647'
 Open 45 min. Closed 45 min. Open 45 min. Closed
 45 min. Recovered 30' slightly mud and gas-cut oil
 and 30' slightly oil-cut mud.
 IFP 31-42 FFP 40-52
 ISIP 799 FSIP 640

Name	Formation Description	
	Top	Bottom
shale, sand, shale	0	365
shale, sand	365	1123
shale	1123	1420
sand	1420	1610
shale, redbed	1610	1878
anhydrite	1878	1917
shale	1917	3110
shale, lime	3110	3262
lime	3262	3846
RTD		3846

DST #5 3647-3662'
 Open 30 min. Closed 45 min. Open
 30 min. Closed 45 min. Recovered
 5' free oil and 10' slightly oil-cut mud.
 IFP 44-44 FFP 55-55
 ISIP 55 FSIP 66

DST #6 3660-3703'
 Open 45 min. Closed 45 min. Open
 45 min. Closed 45 min. Recovered
 40' slightly gas-cut oil and 60' oil-cut
 mud.
 IFP 55-66 FFP 77-92
 ISIP 1117 FSIP 1076

CASING RECORD <input checked="" 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 used	12 1/4"	8 5/8"	24#	359'	60/40 paz.	300	2% gel/3% cc
production new	7 7/8"	4 1/2"	10.5#	3841'	60/40 paz.	250	"
					H-1-C	360	7% gelsnite 1/4# flc gal. per sack

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
		500 gal MCA	3644-48'
		250 gal MCA; 3000 gal SGA	3672-76'
		3000 gal SGA w/TLC-80; 250 gal MCA	3685-88'

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
size	set at	packer at			
2"	3843'				

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	7.4		2.1		42
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION open hole perforation other (specify) _____

Disposition of gas: vented sold used on lease

Dually Completed. Commingled

RECEIVED
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 Wichita, Kansas
 SEP 07 1984
 9-7-84