

15-6-21W

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONALL 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.

Design Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

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

If OWNED: 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 PBTD

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

County Graham

SW/4 NW/4 NW/4 Sec 15 Twp 6S Rge 21 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)

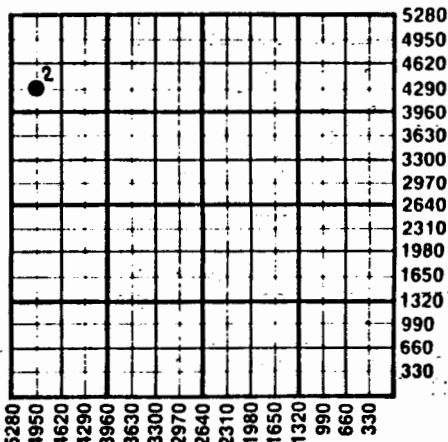
Lease Name Patterson Well# 2

Field Name

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, 260 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 confidentiality in excess of 12 months.

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-11 form with permanently abandoned wells.

Requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements are complete and correct to the best of my knowledge.

Vice President Date 9/4/84

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

ublic SEP 12 1984

Commission Expires



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

Form ACO-1 (7-84)

State Geological Survey
 WICHITA BRANCH

Sec. 15 Twp. 6S Rge. 21W

SIDE TWO

Operator Name Petroleum Management, Inc. Lease 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
Samples Sent to Geological Survey
Cores Taken☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ NoFormation Description
☒ Log ☐ Sample

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	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

☒ new ☒ 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 poz.	300	2% gel/3% cc
production new	7 7/8"	4 1/2"	10.5#	3841'	60/40 poz.	250	"
					Hi-C	360	7% gelsnite
							fls sal. per sack

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(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

size 2" set at 3843' packer at -----

Liner Run ☐ Yes ☒ No

Date of First Production

Producing method

☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	7.4	---	2.1	---	42
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented
☐ sold
☐ used on lease☐ open hole ☒ perforation
☐ other (specify)☐ Dually Completed.
☐ Commingled