29-13-13W

SIDE ONE

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

API NO. 15-167-22,825

County Russell

SE SW NE Sec. 29 Twp. 13 Rge. 13 __ East XX West

2970 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name THACKER Well # 1

Field Name Wildcat

Producing Formation Lansing/Kansas City

Elevation: Ground 1814' KB 1819'

Operator: License # 6588
Name Woodman-Iannitti Oil Company
Address P.O. Box 308
Great Bend
City/State/Zip Kansas 67530

Purchaser Unknown

Operator Contact Person D. J. Iannitti
Phone (316) 792-2921

Contractor: License # 5122
Name Woodman-Iannitti Drilling Co.

Wellsite Geologist Todd E. Morgenstern
Phone (303) 770-8472

Designate Type of Completion
XX New Well __ Re-Entry __ Workover

XX Oil Dual XX 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

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Wichita, Kansas

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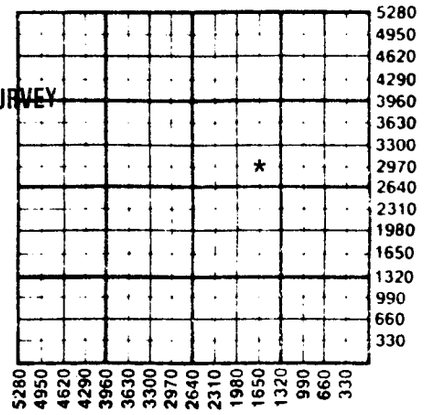
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Section Plat



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

WELL HISTORY

Drilling Method:
XX Mud Rotary __ Air Rotary __ Cable

11/26/88	12/02/88	12/22/88
Spud Date	Date Reached TD	Completion Date

3450'	
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 218 feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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 Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge __ East __ West

XX Other (explain) Purchased/City of Russell
(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 D. J. Iannitti
Title Partner Date 1/04/89

Subscribed and sworn to before me this 4th day of January 19 89
Notary Public Sharon K. Lingreen
Date Commission Expires 05/12/92

NOTARY PUBLIC - State of Kansas
SHARON K. LINGREEN
My Appt. Exp. 5/12/92

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. 29 Twp. 13 Rge. 13 W

Form ACO-1 (5-86)

SIDE TWO

Operator Name WOODMAN-IANNITTI OIL COMPANY Lease Name THACKER Well # 1

Sec. 29 Twp. 13s Rge. 13 [ ] East [XX] West County RUSSELL

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 [x] Yes [ ] No
Samples Sent to Geological Survey [x] Yes [ ] No
Cores Taken [ ] Yes [x] No

"DRILLERS LOG"

0 -	70'	Post Rock
70 -	221'	Blue Shale
221 -	795'	Shale & Red Bed w/sand stks.
795 -	798'	Red Bed
798 -	831'	Anhydrite
831 -	1435'	Shale
1435 -	1768'	Lime & Shale
1768 -	2022'	Shale & lime
2022 -	2445'	Lime & shale
2445 -	3327'	Lime
3327 -	3450'	Arbuckle
	3450'	RTD

DST #1 2985' to 3036'
DST #2 3050' to 3100' (ATTACHED)

Formation Description [X] Log [ ] Sample

1819'KB

Name	Top	Bottom
Anydrite	798'/835'	+1021'/+984'
Topeka	2692'	- 873'
Heebner Shale	2921'	-1102'
Toronto	2941'	-1122'
Douglas Shale	2956'	-1137'
Lansing/Kansas City	2987'	-1168'
Base/Kansas City	3257'	-1438'
Conglomerate	3303'	-1484'
Arbuckle	3326'	-1507'
RTD	3450'	-1631'
LTD	3454'	-1635'

Surf. Prod.

CASING RECORD [XX] New [XX] 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	12 1/4"	8 5/8"	23#	218'	60/40 Pozmix	140	3%CC+2% Gel
Production	7 7/8"	5 1/2"	14#	3382'	Common	125	10% Salt

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	4' 3180' to 3184'	Acid-1000 gal. NE 15% Reg.	3180'
3	3' 3077' to 3080'	Acid- 750 gal. NE 15% Reg.	3077'
3	4' 3024' to 3028'	Acid- 500 gal. NE 15% Reg.	3024'
3	3' 2990' to 2993'	Acid- 500 gal. NE 15% Reg	2990'

TUBING RECORD	Size	Set At	Packer at	Liner Run [ ] Yes [XX] No
	2 3/8"	3355'	3355'	

Date of First Production	Producing Method
N/A	[ ] Flowing [XX] Pumping [ ] Gas Lift [ ] Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	50. Bbls	-0- MCF	200. Bbls	N/A CFPB	38.

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease
N/A

[ ] Open Hole [XX] Perforation
[ ] Other (Specify) .....

[XX] Dually Completed
[ ] Commingled

Production Interval
3024'
3184'

 29-13-13w

ATTACHMENT TO ACO-1

WOODMAN-IANNITTI OIL COMPANY

THACKER #1

Sec. 29 Twp. 13 Rng. 13 W

County: RUSSELL

Drill Stem Test No. 1
2985-3036 30-45-30-45
1st Flow: Strong blow in 2 minutes
2nd Flow: Strong blow throughout

Recovered:	895'	Gas in pipe
	50'	Clean gassy oil (37 gravity)
	180'	Muddy gassy oil (61% oil, 24% gas, 9% mud, 6% water)
	195'	Slightly oil cut muddy water (1% oil, 6% mud, 93% water)
	425'	Total Fluid

63,000 PPM Chlorides
102 Temperature

IHP: 1475 psi
IFP: 62-125 psi
ISIP: 842 psi
FFP: 166-197 psi
FSIP: 811 psi
FHP: 1475 psi

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Drill Stem Test No. 2
3050-3100 30-45-30-45
1st Flow: Weak building to strong blow in 8 minutes
2nd Flow: Weak building to strong blow in 10 minutes

Recovered:	140'	Gas in pipe
	40'	Clean oil (30 gravity)
	60'	Oil and gas cut muddy water (4% oil, 3% gas, 45% mud, 48% water)
	120'	Slightly oil and gas cut muddy water (1% oil, 3% gas, 25% mud, 71% water)
	300'	Muddy water with show of oil throughout
	520'	Total Fluid

66,000 PPM Chlorides
104 Temperature

IHP: 1506 psi
IFP: 41-156 psi
ISIP: 966 psi
FFP: 197-250 psi
FSIP: 935 psi
FHP: 1506 psi