

3

API NO. 15-...15-185-22-559.....

County.....Stafford.....

..SE. .SE.. NE... Sec.12.. Twp.22..Rge.12... — East
West

..2970.... Ft North from Southeast Corner of Section
 ...330.... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name.....Willinger "A".....Well #...1.....

Field Name.....MAX.....

Producing Formation... Simpson

Elevation: Ground.....1783.....KB.....1788.....

Section Plat

RECEIVED

CORPORATION COMMISSION

402 - 5 1009

CONSERVATION DIVISION

Wichita, Kansas

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

APR 03 1989

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 #.....T 88-592.....

X Groundwater...2970...Ft North from Southeast Corner
(Well) ...330...Ft West from Southeast Corner of
Sec 12 Twp 22 Rge 12 East X West

_____ Surface Water.....Ft North from Southeast Corner
 (Stream, pond etc).....Ft West from Southeast Corner
 Sec Twp Rge East West

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

(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 *Valle J. Ortiz*

Title.....Controller..... Date 3/30/89

Subscribed and sworn to before me this 30th day of March 1989.

Notary Public.....*Louise R. Kahler*.....

Date Commission Expires.....August 26, 1989.....

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C ☒ Wireline Log Received

C Drillers Timelog Received

Distribution

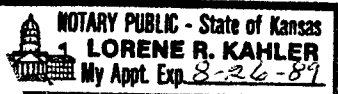
KCC SWD/Rep NGPA

☒ KGS ☐ Plug ☐ Other

(Specify)

Form ACO-1 (5-86)

Sec. 12 Typ 229 qd. 22 b)



Operator Name SMITH OIL OPERATIONS Lease Name Willinger "A" Well # 1Sec. 12 Twp. 22 Rge. 12 ☐ East ☒ West County Stafford

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	Formation Description ☒ Log ☐ Sample
Samples Sent to Geological Survey ☒ Yes ☐ No	
Cores Taken ☐ Yes ☒ No	

DST #1 - 3252-3299 LKC, 30/45/60/45, IHP 1635, IFP 58-58, ISIP 1094, FFP 70-82, FSIP 1036, FHP 1635. Recovered 135' Gas, 105' VSO&GCM. Weak building to strong blow thru test.	<table border="0"> <tr> <th>Name</th> <th>Top</th> <th>DATUM</th> </tr> <tr> <td>Anhydrite</td> <td>534</td> <td>(+1254)</td> </tr> <tr> <td>Base Anhydrite</td> <td>553</td> <td>(+1235)</td> </tr> <tr> <td>Howard</td> <td>2672</td> <td>(- 884)</td> </tr> <tr> <td>Severy</td> <td>2726</td> <td>(- 938)</td> </tr> <tr> <td>Topeka</td> <td>2767</td> <td>(- 979)</td> </tr> <tr> <td>Heebner Shale</td> <td>3066</td> <td>(-1278)</td> </tr> <tr> <td>Toronto Limestone</td> <td>3083</td> <td>(-1295)</td> </tr> <tr> <td>Douglas Shale</td> <td>3098</td> <td>(-1310)</td> </tr> <tr> <td>Brown Limestone</td> <td>3198</td> <td>(-1410)</td> </tr> <tr> <td>Lansing-KS City</td> <td>3223</td> <td>(-1435)</td> </tr> <tr> <td>Base Kansas City</td> <td>3489</td> <td>(-1701)</td> </tr> <tr> <td>Viola</td> <td>3499</td> <td>(-1711)</td> </tr> <tr> <td>Simpson Shale</td> <td>3549</td> <td>(-1761)</td> </tr> <tr> <td>Simpson Sand</td> <td>3576</td> <td>(-1788)</td> </tr> <tr> <td>ROTARY TOTAL</td> <td></td> <td></td> </tr> <tr> <td>DEPTH</td> <td>3625</td> <td>(-1837)</td> </tr> </table>	Name	Top	DATUM	Anhydrite	534	(+1254)	Base Anhydrite	553	(+1235)	Howard	2672	(- 884)	Severy	2726	(- 938)	Topeka	2767	(- 979)	Heebner Shale	3066	(-1278)	Toronto Limestone	3083	(-1295)	Douglas Shale	3098	(-1310)	Brown Limestone	3198	(-1410)	Lansing-KS City	3223	(-1435)	Base Kansas City	3489	(-1701)	Viola	3499	(-1711)	Simpson Shale	3549	(-1761)	Simpson Sand	3576	(-1788)	ROTARY TOTAL			DEPTH	3625	(-1837)
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DST #2 - 3410-3481 LKC, 30/30/30/30, IHP 1727, IFP 82-82, ISIP 105, FFP 82-82, FSIP 94, FHP 1727. Recovered 20' mud with spots of oil on top. Very weak blow dead in 15 min.																																																				
DST #3 - 3518-3608 Simpson, 30/45/60/60, IHP 1854, IFP 105-235, ISIP 1151, FFP 282-424, FSIP 1059, FHP 1854. Recovered 1160 clean gassy oil. Strong blow thru test. Gas to surface in 45 min. on second opening, TSTM.																																																				

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.....	12 1/4"	8 5/8"	20#	303'	60/40 no. 1	175	2% gel. 3% cc.
..Production...	7 7/8"	5 1/2"	14 & 15.5#	3620'	Surfill.	165	5# Gilsomite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
4	3577-3581			300 GAL. 7 1/2% mud acid			3581
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size	Set At	Packer at					
2 7/8	3591	None					
Date of First Production	Producing Method						
01/11/89	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	28 Bbls	-0- MCF	-0- Bbls	-0- CFPB	44°		

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify) 3577-3581....
☒ Used on Lease
☐ Dually Completed
☐ Commingled

12-22-12W

DRILLER'S WELL LOG

DATE COMMENCED: December 2, 1988
DATE COMPLETED: December 8, 1988

SMITH OIL OPERATIONS
WILLINGER "A" #1
SE SE NE
Sec. 12, T22S, R12W
Stafford County, Ks.

ELEVATION: 1788 K.B.

0 - 535' Surface Soil, Red Bed, Sand
535 - 557' Anhydrite
557 - 1400' Shale
1400 - 2672' Lime & Shale
2672 - 2748' Lime
2748 - 2763' Shale & Sand
2763 - 3063' Lime
3063 - 3083' Shale & Lime
3083 - 3097' Lime
3097 - 3195' Shale
3195 - 3219' Lime & Shale
3219 - 3473' Lime
3473 - 3502' Shale, Lime
3502 - 3548' Chert
3548 - 3625' Sand
3625' RTD

RECEIVED
STATE CORPORATION COMMISSION

APR - 5 1989

CONSERVATION DIVISION
Wichita, Kansas

Surface Pipe: Set new
8-5/8", 20# pipe @ 303'
w/175 sacks 60/40 pozmix
2% gel 3% cc.

Production Pipe: Set used
5 1/2", 14 & 15.5# @ 3620'
w/165 sacks Surfill, w/5#
Gilsonite per sacks, w/500
gal. Mud Flush.

A F F I D A V I T

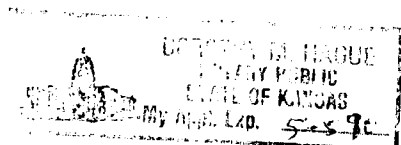
STATE OF KANSAS
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and
statements herein are true and correct to the best of his knowledge.

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Leonard Williamson

Subscribed and sworn to before me this 12 day of December 1988.



Laurie M. Hogue
Notary Public