ORIGINAL SIDE ONE

33-2079/-

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION UELL COMPLETION FORM	API NO. 15- 171-20,416 FROM CONFIDENTIA
ACO-1 WELL MISTORY DESCRIPTION OF WELL AND LEASE	App East
Operator: License # 3667	4620 / Ft. North from Southeast Corner of Section
Name: Source Petroleum	2970 / Ft. West from Southeast Corner of Section
Address 200 W. Douglas, Ste. 820	(NOTE: Locate well in section plat below.)
	Lease Name Lousch "A" Welt # 1 Field Name Wildcat
city/state/Zip Wichita, KS 67202	Producing Formation Viola
Purchaser: Panda	Elevation: Ground 2085 KB 2097
Operator Contact Person: Charles Schmidt	
Phone ( <u>316</u> ) <u>262-7397</u>	Total Depth 6225 PBTD 6081
Contractor: Name: Allen Drilling Company	4950 4620
License: 5418 RECE	EIVED 4290 3000 3960
Vellsite Geologist: Randy Lilak	3300
Designate Type of Completion FFR	B 1991 22500 NI
X New Well Re-Entry Workover	1980 N 19
OilSWDTemp. Abd. \\ \tilde{\text{Violate}} \)	val Kansas
X Gas Inj Delayed Comp.  Dry Other (Core, Water Supply, etc.)	1 130
If OWWO: old well info as follows: Operator:	71/V 25.50 13.50 1
We(l Name:	Amount of Surface Pipe Set and Cemented at 641' Fee:
Comp. DateOld Total Depth	Multiple Stage Cementing Collar Used? YesX No
Drilling Method:	If yes, show depth set Feet
10/15/90 11/3/90 11/23/90	If Alternate II completion, cement circulated from N/A
Spud Date Date Reached TD Completion Date	feet depth to w/ sx cmt.
wireline logs and drillers time log shall be attached with	ys of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in 3-107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP 4 all temporarily abandoned wells. Any recompletion, workover or
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to a	ulgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Ohn D. Howard, Jr.  Title General Manager Date	K.C.C. OFFICE USE ONLY  F Letter of Confidentiality Attached C Wireline Log Received
Subscribed and sworn to before me this 4th day of Felix	C Drillers Timelog Received
30/	DistributionNGPA
Reach Palan Valuation Take	KGS Plug Other (Specify)
Date Commission ExpiresAugust 5, 199	



## SIDE TWO

Operator Name Sour	ce Petroleu	ım	Lease Name	Lousch	"A"	Well#				
,	Ī	East	County	Comanc	he					
Sec. 6 Twp. 33	S Rge. <u>18W</u> [	West		: '	· · · · · ·					
INSTRUCTIONS: Show interval tested, tim hydrostatic pressures if more space is need	me tool open ar s, bottom hole t	nd closed, flowing a emperature, fluid re	nd shut-in pres	sures, wheth	er shut-in pre	ssure read	hed static level,			
Drill Stem Tests Take (Attach Additiona		X Yes No		;	Formation Desc	ription				
Samples Sent to Geol	ogical Survey	Yes No		Log Sample						
Cores Taken	4	Yes X No	Name	Name Top Bottom						
Electric Log Run (Submit Copy.)		Yes No	Wabaunse Heebner	Anhydrite 1058 1073 Wabaunsee 3460 3776						
			Douglas Lansing- Marmaton		4356 4515 5016	4515 5001 5152	<u>.</u>			
•					Cherokee       5152       521         Mississippian       5219       581         Viola       5818       598					
	·	CASING RECORD		'Simpson 5982 6108 TD						
	Pezort al	l strings set-conduc	Arbuaki e							
	Kepoit at	T Sti ligs Set Coluct	Cor, Surface, II	itermediate,	production, etc	- <b>-</b>				
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	124"	8 5/8"	23#	641	Lite	260	3% cc			
	-				60/40 Poz	100	3% cc			
Production	7 7/8	5½"	15.5#	6106	common	275	cal seal/salt			
Shots Per Foot	PERFORATION Specify Footage	I <b>RECORD</b> ge of Each Interval P	Perforated	Acid, Fracture, Shot, Cement Squeeze Record rforated (Amount and Kind of Material Used) Depth						
4	5924-42			1200 gls 15% HCL w/FE squeezed						
	5866-5904	1		w/150 sx cement 2500 gls 15% HCL w/FE						
		<del></del>								
TUBING RECORD	Size 2 3/	8 Set At 5842	Packer At N/A	Liner Run	☐ Yes 🏻	No				
Date of First Produ	ection Producir	Other (Explain)								
Estimated Production Per 24 Hours	on Oil -0-	Bbls. Gas	Mcf Wate	<u> </u>	Gas-Oil		Gravity .75			
Disposition of Gas:			THOO OF COMPLET)	·		[	Production Interval			
Vented X Sold	Used on Lubmit ACO-18.)		Hole X Perfo	•		d i Comm	ingled 3866-5904			
••		□ Other	r (Specify)		<del></del>	-2	Send today			

## 15-033-20791-0000 ORIGINAL

DST DATA ATTACHED TO ACO-1

LOUSCH "A" #1 Appx E/2 NE NW, 6-33S-18W Comanche County, Kansas

DST #1 4735-4750' Drum On bottom w/DST #1 @ 9:45 A.M. 10/23/90 1st Open: Strong blow off BTM BCKT in 30 sec, GTS in 20 min 2nd Open: Gauge 153 MCF in 5 min, gauge 166 MCF in 10 min & stabilized Rec: 180' GCM (tool slid 4') 2352 FHP: IHP: 77-88 IFP: 111-100 FFP: FSIP: 1763 ISIP: 1763 BHT - None thermometer broke \* Charts indicate formation damage

DST #2 4840-4860' Swope 30-60 30-60 1st Open: Blow off bottom of bucket immediately, GTS in 5 min, gauge 153 MCF in 5 min, 10 min 153 MCF 2nd Open: Gauge 166 MCF in 5 min, gauge 200 MCF in 10 min, FECEIVED STATE CORPORATION COMMISSION stabilized Rec. 360' GCMW, 65,000 chlr 8 1991 IHP: 2430 FHP: 2430 CONSTRUATION DIVISION IFP: 88-111 FFP: 55-77 BHP 109<sup>0</sup> FSIP: 1763 Wichita, Kenses

DST #3 5233-5355' Mississippi 30-60 30-60 (began test @ 6:00 A.M.) 1st Open: Blow off Btm BCKT 30 sec, GTS in 5 min, GA 170 MCF, 166 MCF in 10 min, 153 MCF in 15 min, 148 MCF in 20 min, stabilized 2nd Open: Gauged 265 MCF in 5 min, " " 200 MCF " 15 min, not stabilized and pressure falling in 25 min, preparing to shut tool in Rec. 270' mud IHP: 2675 FHP: 2675 144-133 FFP: 133-111 ISIP: - 1542 FSIP: 1420 ВНТ 127<sup>о</sup>

CONFIDENTIAL 0 5 1000

FROM CONFIDEN ....L

DST #4 5828-5910' Viola 30-60 60-60 On bottom @ 3:45 P.M. 1st Open: Strong blow throughout, GTS in 3 min, gauge 1694 MCF in 15 min, stable 2nd Open: Strong blow throughout, GTS in 3 min, gauge 994 MCF in 10 min, stable Rec. 40' GCM, GTS in 3 min IHP: FHP: 2897 2897 IFP: 277-211 FFP: 222-188 BHT 119<sup>0</sup> FSIP: 2129

DST #5 5953-5970' Simpson Dolomite 15-30 15-30 1st Open: Weak blow died 2nd Open: No blow Rec. 65' mud IHP: 2953 FHP: 2953 IFP: 55-66 FFP: 2084 BHT 126 66-77 FSIP: 2062

15-30 15-30 1st Open: Very weak blow died in 2 min 2nd Open: Flushed tool, no help Rec. 150' mud IHP: 3020 FHP: 3020 IFP:

50-70 FFP: 70-70 ISIP: 2006 FSIP: 1796 BHT

DST #6 6107-6128' Arbuckle

DST #7 6131-6175' 30-60 60-60 1st Open: Very good blow off bottom in 1 min, good blow-back on SI 2nd Open: Very good blow off bottom in 1 min, good blow-back on SI REc. 3975' water IHP: 3042 FHP: 3042 IFP: 188-1079 FFP: 2017: 2174 BHT 142 1244-1929 FSIP: 2174



Militable

FORM 1908 R-7

The May 12

A Division of Halliburton Company

AND PRE-TREATMENT DATA

ATTACH TO	040905
INVOICE & TICKET NO.	

DISTRICT MRATT KS								
•	_ <del></del>		FRU	OM CO	VEATE LO	10-16	-90	
TO: HALLIBURTON SERVICES YOU ARE HEREBY.	REQUESTED TO E	URNISH FO	HIPMENT A	ND SERVIC	EMEN TO	DELIVER AL	ND OPERATE	
	المار المنظم الم	1.0	م الماريخ کا ال		ZEMIZIT 10	DELIVER A	ND OF ERRIE	
THE SAME AS AN INDEPENDENT CONTRACTOR TO:			(CUSTOM)		COUC	177 7 817	1 5 3	
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS	FOR THE PURPOS	E OF SERVIC	ING			lut III		
WELL NO. TE LEASE LOUSCH.	4	SEC		T\4/D		RAI	10E	
WELL NO.		SEW_	<del></del>	( VV F		RAI	NGE	
FIELDCOUNTY COMANCHE	_ STATE	<u> </u>	OWNED	3Y				
THE FOLLOWING INFORMATION V	WAS FURNISHE	D BY TH			IS AGEN	т		
FORMATION		NEW USED	WEIGHT	SIZE	FROM	то	MAX, ALLOW. P.S.I,	
NAME TYPE FORMATION	CASING	NEW	72	85/4	10	643		
THICKNESS FROM TO		ruces	<u> </u>	0/8	- C-1.27	1013	<del></del>	
PACKER: TYPE SET AT	LINER			<u> </u>				
793'	TUBING			1. 20218	CU COMMISSI	dica		
TOTAL DEPTH MUD WEIGHT	OPEN HOL		CTATE C	<u> </u>	1 inggrander	1	CHOTOUT	
BORE HOLE 12/4		<u>-</u>		7-8-	<b>1</b>	<del></del>	SHOTS/FT.	
INITIAL PROD: OILBPD, HeOBPD, GAS	MCF PERFORAT	IONS	F	FH B	1951			
5, 5, 120	PERFORAT	IONS		oroughting	DIVISION			
PRESENT PROD: OILBPD, H2OBPD, GAS	MCF.		<u>Gur</u>	SERVATION Wilstina, P.	រកនធន	<del> </del>	<del> </del>	
	PERFORAT	IONS		L		L		
PREVIOUS TREATMENT: DATE TYPE			_ MATERIALS	3				
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS C	ASING PHUBING/	NNULUS 🗆	HYDRAULIC	HORSEPOY	VER ORDER	D.		
CEMENT X " SURFACE ("	ASTUG W	1 26	- Carlo	5 L	- 75 E	Carl Market	The second second	
27 00	- 12 C/2		1		-		7777	
DIOCE FOLLOWED BY 100 2	13 40-6	OPE	× 600	THE	OF CE		سر و	
<del></del>								
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER COND	<del></del>			S, MATERIA	LS, AND SE	RVICES		
As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED								
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list, Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable,								
payment of Customer's account by the last day of the month following the month	in which the invoice is dat	ed, Customer a	grees to pay into	rest thereon aft	er default at the	e highest fawful o	ontract rate applicable	
	in which the invoice is dat	ed, Customer a	grees to pay into	rest thereon aft	er default at the	e highest fawful o	ontract rate applicable	
payment of Customer's account by the last day of the month following the month but never to exceed 18% per annum. In the event it becomes necessary to empli	in which the invoice is dat oy attorneys to enforce or ries, parent and affiliated	ed, Customer a offection of said	grees to pay inter account, Custon	rest thereon aft ner agrees to p	er detault at the ay all collection	highest lawful of costs and attor	ontract rate applicable ney fees in the amount	
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P.O. Box 4442 Houston, Texas 77210

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P.O. Box 4442 Houston, Texas 77210

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Drill Pipe: Size_	4/2"	Weight	16.6#	Collars		
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Casing:	Bbls/Lin. ft	.0233	) 'Lin. ft./∄	161 H2.0	)/ F	Float: Type NON AFU Depth 6082
Open Holes:	Bbls/Lin. ft	.0602				Centralizers: Quantity 20 Plugs Top Btm.
Drill Pipe:	·		·			Stage Collars SET 6 S375'
Annulus:	Bbls/Lin ft	.0309	Lin. ft./B			Special Equip. 40 RECIP. SCADTCHERS
						Disp. Fluid Type TAFSN 470 Amt. 134 Bbls. Weight 8 34 PPG
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