FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE	
Operator: License #4549	Feet from/S/X (circle one) Line of Section
Name: ANADARKO PETROLEUM CORPORATION	3960Feet from(E)X (circle one) Line of Section
Address P. Q. BOX 351	Footages Calculated from Nearest Outside Section Corner: NE, (SE), NW or SW (circle one)
City/State/Zip LIBERAL, KANSAS 67905-0351	Lease Name <u>SAUNDERS "A"</u> Well # <u>1</u>
Purchaser: NA	Field Name <u>MASSONI</u>
Openator Contest Borson, SUALIN D. VOLING	Producing Formation <u>Lansing, Kansas City</u>
Phone (316) 624-6253	Elevation: Ground2776KB
is AT	Total Depth 6078 PBTD 4650
Contractor: Name: NA STO	Amount of Surface Pipe Set and Cemented atFeet
License: NA SV 13 S	Multiple Stage Cementing Collar Used? X Yes No
Wellsite Geologist: NA 0	If yes, show depth setFeet
Designate Type of CompletionNew WellRe-EntryX_Workover	If Alternate II completion, cement circulated from
OilX_SWDSIOWTemp. Abd.	feet depth to w/ sx cmt.
GasENHRSIGWOther (Core, WSW, Expl., Cathodic, etc) If Workover:	Drilling Fluid Management Plan DWWO /-2/-99 V.C. (Data must be collected from the Reserve Pit) NOT APPLICABLE
Operator:ANADARKO_PETROLEUM_CORPORATION	Chloride contentbbls
Well Name: SAUNDERS A-1	Dewatering method used
Comp. Date <u>NA</u> Old Total Depth <u>6078</u>	Location of fluid disposal if hauled offsite:
DeepeningX Re-perf Conv. to Inj/SWD Plug Back 4650 PBTD PBTD Commingled Docket No	Operator Name
Dual Completion Docket No	Lease NameLicense No
the second secon	Quarter SecTwpS RngE/W
	County Docket No.
spud bate bate reached to completion bate	Country Docker No.
- Room 2078, Wichita, Kansas 67202, within 120 days of the	all be filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well.

API NO. 15- _____ NA (5500)

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SIDE ONE

County

ion, 130 S. Market on of a well. 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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. 150 110 00011/1 01 00

Signature Many 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ı
SHAWN D. YOUNG	, F_
Title DIVISION PRODUCTION ENGINEER Date 1/9/99	_ C _
Subscribed and sworn to before me this Anday of Annuary	_ C _
Subscribed and sworn to before me this day of	1
	1
Notary Public Miller Childre	_
/ //	1
Date Commission Expires NOTARY PUBLIC - State of Kansas	
SHIRLEY J. CHILDERS	
Lly Appl. Exp. 4/19/02	

F Lette C Wirel	C. OFFICE USE ONL' r of Confidential ine Log Received gist Report Received	ity Attached
KCC KGS	Distribution SWD/Rep Plug	NGPA Other (Specify)

Form ACO-1 (7-91)

Operator Name AN	ADARKO PETI	ROLEUM CO	RPORATION		Leas	e Name .	SAUNDER	S "A"	Wel	L #	_1
•		. Е] East		Coun	ty	SEWARD				
Sec. <u>35</u> Twp. <u>3</u>	2 <u>S</u> _ Rge	<u>31 </u>	☑ West								
INSTRUCTIONS: Sh interval tested, hydrostatic pressu if more space is n	time tool res, botto	open and n hole te	closed, fl mpërature,	owing a	and shut-in	pressure	es, wheth	er shut-in p	ressure read	ched st	atic level,
Drill Stem Tests T (Attach Additio		.)	Yes 🛚	No	⊠	Log	Formati	on (Top), Dept	h and Datums		Sample
Samples Sent to Ge	nt to Geological Survey 🗌 Yes 🛛			No	Name	ame Top Datum					
Cores Taken			Yes 🛛	No							
Electric Log Run (Submit Copy.)			Yes ⊠	No		 SI	EE ATTACHE	D DRILL STIM	TESTS SHEET		
List All E.Logs Ru	n:		•			٠					
** Origina	•		CASING		⊠ New		Used				
	<u> </u>	1		1				production, e	1	Τ	
Purpose of Strin		Hole lled	Size Casing Set (In O.D.		Weight Lbs./Ft.		Setting <u>Depth</u>	Type of Cement	# Sacks Used		and Percent ditives
** SURFACE	12-	1/4" -	8-5/8"		24.0	ř 24	437		850		
** PRODUCTION	7-1	7/8"	4-1/2	•	10.0	. 4	425	į	250		
						f					
	ADDITI	ONAL CEME	NTING/SQUEE	ZE RECO	ORD					_	
Purpose:		oth Bottom	Type of Co	ement	#Sacks Use	d	Т	ype and Perce	nt Additives		
Perforate Protect Cas Plug Back T Plug Off Zo					_						
Ptdg off 20	ne										
Shots Per Foot			CORD - Bric f Each Inte		gs Set/Type erforated	(1		cture, Shot, (d epth
	CIBP 4	550				AC	ID: W/ 400	00 GAL 15% HCL	*	44	84-4510
4	PERF: 448	4-4510									
											<u> </u>
TUBING RECORD	Size 2-3/8		Set At 4447		Packer A	t	Liner Run	☐ Yes 🏻	No		
Date of First, R UPON	: esumed Pro APPROVAL	duction,	SWD or Inj.	. Prodi	ucing Method		owing 🔲	Pumping	Gas Lift [Othe	(Explain)
Estimated Produc Per 24 Hours	tion	Oil	Bbls.	Gas	Mcf 0	Water	Bbls 0	Gas-	Oil Ratio		Gravity
Disposition of Ga	s:		_		METHOD	OF COMP	 LETION			Product	ion Interval
☐ Vented ☒ So		ed on Lea	ase	☐ 0pe	en Hole 🛭	Perf.	· 🔲 Dual	.ly Comp. ,] Commingled	448	4-4510
(If vented,	submit ACO	10.)		☐ Oth	er (Specify)						

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<u>N</u>	FROM 4310 4416 5045	4340 4430 5075	249#-804# 15#-53#	SIBHP 1320#-1242# 1018#/30 min. 1653#-1605#		RECOVERY GTS in 10 min. Est. 50 MCF Rec. 140' MSW & 1530' salt water. T.O. 1-1/2 hrs. Rec. 2' mud 90' muddy oily salt water. GTS - 5 min. 197MCF. Rec.
	4416	4430	15#-53#	1018#/30 min.		Rec. 140' MSW & 1530' salt water. T.O. 1-1/2 hrs. Rec. 2' mud 90' muddy oily salt water.
		- '	-			90' muddy oily salt water.
:	5045	5075	102#-141#	1653#-1605#		GTS - 5 min 197MCF Pag
				• • •		10' mud, 320' SWCM, 400' hgcmsw.
	5091	5130	590#-1077#	1603#/30 min.		GTS - 20 min. Gauged 47 MCF. Rec. 1470' free oil, 810'
		ta T	1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ho & gcm, 450 o & gcm.
ND	5500	5555	228#-228#		ingen er en en	GTS - 3min. Gauged 280 MCF. Rec. 190' salty mud. 450'
	Cr.35		(3, 3 ·	9.01		gc muddy salt water. with we
VIEVE	5775	5840	54#-170#	54#-296#		Recovered 15' mud.
S	5904	5968	54#~441#	1789#-1634#		Rec. 55' mud, 680' salt wtr. 120' hwcm. HECKIVELI STATE GORPORATION COMMISSION
3	AND SVIEVE	0.00 COLUMN STATE	5500 5555 EVIEVE 5775 5840	AND 5500 5555 228#-228#. EVIEVE 5775 5840 54#-170# ES 5904 5968 54#-441#	AND 5500 5555 228#-228# 1880#-1802# EVIEVE 5775 5840 54#-170# 54#-296# IS 5904 5968 54#-441# 1789#-1634#	AND 5500 5555 228#-228# 1880#-1802# EVIEVE 5775 5840 54#-170# 54#-296# ES 5904 5968 54#-441# 1789#-1634#

Spatial to the state of the

WLT #1, 5748-5750.5' - Tool open 2 hrs. Recovered 1.73 CF shot gas, hit. & GE gas, 50 cc water (7% formation water). Sampling pressure less than 50#, ISIP less than 50#, FSIP 80#/20 minutes.

WLT #2 and #3 - Mis-runs

WLT #4, 5551-5553.5 - Tool open 1 hour. Recovered 1.08 CF shot gas. Pressure less than 50#.

WLT #5, 5516-5517 - Tool open 1 hour. Recovered 6.2 CF free gas, 450 cc free oil, 37° gravity, 13,570 cc water (25% formation water) and Flow gravity pressure less than 50#, ISIP 1920#/2 min. and 45 seconds, FSIP 1920#/7 min. and 45 seconds.

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CONSERVATION DIVISION Wichita, Kansas

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Oil 120.89 BOPD						
Vir 87						
Perforations and Stimulations						
Description and Results						
Ran Schlumberger Dual Induction Laterolog and Sonic Log	<u> </u>					
Cemented 4-1/2" casing. Lost circ. while cementing & found top of cmt. @	5175 <u>'/</u>					
Perf 4 holes @ 5155' & recemented w/100 sx pos. w/ 1/4# Flocele per sx aft	er set	ting_				
Ran 2" the w/pkr & perf. 5100-5105' w/4holes per foot. Set packer @ 5084'						
Set pumping unit & ran rods & pump & placed well on pumping status.	<u> </u>	<u> </u>				
ize of Pumping Equipment American T-14C-D114 S.H. D1141016 w/F & M 7C346 Er lled November 10, 1964	ngine S	N960342				
THURST THE TOTAL PROPERTY OF THE TOTAL PROPE	_					
	Perforations and Stimulations Description and Results Ran Schlumherger Dual Induction Laterolog and Sonic Log Cemented 4-1/2" casing. Lost circ. while rementing & found top of cmt. @ Perf 4 holes @ 5155' & recemented w/100 sx pos. w/ 1/4# Flocele per sx aft cement retainer at 5139' Ran 2" the w/pkr & perf. 5100-5105' w/4holes per foot. Set packer @ 5084' Swabbed vell off. Flowed 4-5 BOPH on 3/4" ck. w/FTP 50#. Syabbed 70.14 BNO in 7 hrs. Well would not flow. Set pumping unit & ran rods & pump & placed well on pumping status.	Wir				