

ORIGINAL

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

API NO. 15- 119-20,952-00-00

Operator: License # 04570

County Meade
Approx. NE - SW - NE Sec. 6 Twp. 33S Rge. 29W W

Name: Samedan Oil Corporation

1440' Feet from S (circle one) Line of Section
1368' Feet from E (circle one) Line of Section

Address 3817 N.W. Expressway

Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)

Suite 1020

Lease Name ANGELL UNIT Well # 3

City/State/Zip Oklahoma City, OK. 73112

Field Name Angell Field

Purchaser: Texaco & Panhandle Eastern

Producing Formation Morrow

Operator Contact Person: Debbie Kerr

Elevation: Ground 2708' KB 2713'

Phone (405) 942-8707

Total Depth 5832' PBDT 5770

Contractor: Name: Abercrombie RTD, Inc.

Amount of Surface Pipe Set and Cemented at 1510' Feet

License: 30684

Multiple Stage Cementing Collar Used? Yes No

Wellsite Geologist: Art Bushman

If yes, show depth set _____ Feet

Designate Type of Completion

If Alternate II completion, cement circulated from _____

New Well Re-Entry Workover

feet depth to _____ w/ _____ sx cmt.

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT I 4-20-96
(Data must be collected from the Reserve Pit) LU

If Workover:

Chloride content 10,000 ppm Fluid volume 2570 bbls

Operator: _____

Dewatering method used Evaporation

Well Name: _____

Location of fluid disposal if hauled offsite: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

10-21-95 10-29-95 11-9-95

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

Spud Date _____ Date Reached TD _____ Completion Date _____

County _____ Docket No. _____

Angell Unit Docket #E27163

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 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.

Signature Debbie Kerr 1-16-96
WICHITA, KANSAS

Title Division Production Clerk Date 1-11-96

Subscribed and sworn to before me this 11th day of January, 1996.

Notary Public Karen Lennox

Date Commission Expires March 16, 1999

K.C.C. OFFICE USE ONLY			
F	<input type="checkbox"/>	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/>	Wireline Log Received	
C	<input type="checkbox"/>	Geologist Report Received	
Distribution			
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

Operator Name Samedan Oil Corporation Lease Name ANGELL UNIT Well # 3

Sec. 6 Twp. 33S Rge. 29W East County Meade West

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 Log Formation (Top), Depth and Datums Sample
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No Name Top Datum
 Cores Taken Yes No 13 Finger 5639' (2926')
 Electric Log Run Yes No Morrow Shale 5692' (2979')
 (Submit Copy.) Morrow Sand 5704' (2991')

List All E.Logs Run: Compensated Neutron Lithodensity/
 ML/GG, Array Induction Micro-Resistivity/SP/GR
 and Cement Bond Log.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	24#	1510'	65/35 pos Common	600 sks 150 sks	6%gel, 3%CC, 4#g 3%CC, 2% gel, 1/2#f
Production String	7 7/8"	5 1/2"	15.5#	5829'	MIDCO 2 Premium	230 sks 90 sks	1/2#floseal, 1%CC, 10%caiseal, 1%CC, 1/2#flos eal/sk, .8% Halad 322, 5% KCL water.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	5702'-5714'	NA	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8	5640	5640	
Date of First, Resumed Production, SWD or Inj.			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
WO PL					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	275 MCF	0	NA	NA

Disposition of Gas: Vented Will be Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 5702-5714' Production Interval Other (Specify) _____

ALLIED CEMENTING CO., INC.

2920

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Wesley City

DATE <u>10-21-95</u>	SEC <u>6</u>	TWP. <u>33</u>	RANGE <u>29</u>	CALLED OUT <u>5:30PM</u>	ON LOCATION <u>8:30PM</u>	JOB START	JOB FINISH
LEASE <u>Unit</u>	WELL # <u>03</u>	LOCATION <u>Meade 9W-54S-2W-10</u>		COUNTY <u>Meade</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR Overcomline R.T.O.
 TYPE OF JOB Surface
 HOLE SIZE 12 1/2" TD: 1512'
 CASING SIZE 2 3/4" 24" DEPTH 1512'
 TUBING SIZE 9" DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42'
 CEMENT LEFT IN CSG.
 PERFS.

OWNER Somedan Oil
 CEMENT
 AMOUNT ORDERED 600 65/35 670 gal 37.00
4# Pol Seal 47.10
150 Common 37.00 270 gal
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 HANDLING @
 MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER Mike - Mat
 # 224 HELPER Bob
 BULK TRUCK
 # 199 DRIVER Bill
 BULK TRUCK
 # 257 DRIVER Tim

TOTAL

REMARKS:

SERVICE

Run 1510' of 24" casing, 24" casing
circulation, with 1/2" cemented with
600 65/35 670 gal 37.00 - 4# Pol Seal - 47.10
150 Common 37.00 - 270 gal 37.00
H.O. 47.10 - 47.10
Diol Held.

DEPTH OF JOB 1510'
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG 1 8 1/2" - Rubber @

Shim the iron. Allied Cementing
to Mike & Bob Bill
Max 2 1/2 hrs

TOTAL

CHARGE TO: Overcomline R.T.O.
 STREET
 CITY STATE ZIP

TOTAL

FLOAT EQUIPMENT

1 8 1/2" - Insert @
2 8 1/2" - Centrifuge @
3 8 1/2" - Baskets @

TOTAL

TAX

TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or
 contractor to do work as is listed. The above work was
 done to satisfaction and supervision of owner agent or
 contractor. I have read & understand the "TERMS AND
 CONDITIONS" listed on the reverse side.

SIGNATURE W. P. Gray



CHARGE TO:
SAMEDAN OIL CORPORATION
 ADDRESS:
 CITY, STATE, ZIP CODE:

ORIGINAL

TICKET

No. **881406 - 9**

PAGE 1 OF 2

HAL-1906-N

SERVICE LOCATIONS
 1. **0255 40 LIBERAL**
 2. **0255 35 HUGOTON**
 3.
 4.

WELL/PROJECT NO. **3**

LEASE **ANGELL**

COUNTY/PARISH **MEADE**

STATE **KS**

CITY/OFFSHORE LOCATION

DATE **10-28-95**

OWNER **SAME**

TICKET TYPE
 SERVICE
 SALES

NITROGEN JOB? YES NO

CONTRACTOR **ABERCROMBIE DRIG**

RIG NAME/NO. **#5**

SHIPPED VIA **C.T**

DELIVERED TO **(WELL SITE)**

ORDER NO.

WELL TYPE **01 OIL**

WELL CATEGORY **01 DEVELOPMENT**

JOB PURPOSE **035' 5 1/2' LONG STRING**

WELL PERMIT NO.

WELL LOCATION **LAND**

REFERRAL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE	35	mi	2	EA	283 50
000-119		1			CREW MILEAGE	35	mi	2	EA	150 00
001-016		1			Pump CHARGE	5847	FT			2000 00
030-016		1			5 1/2" TOP PLUG	1	EA	5 1/2	IN	60 00
4A	836-07100	1			SSIT FLOAT COLLAR	1	EA	5 1/2	IN	253 00
5A	837-07100	1			SSIT FLOAT SHOE	1	EA	5 1/2	IN	225 00
50	806-60122	1			FLUID MASTER CENTRALIZERS	21	EA	5 1/2	IN	75 00
350	890-10802	1			HALCO WELD A	1	EA	1	KB	16 75
66	806-72030	1			FASGEIP	1	EA	5 1/2	IN	11 00
001-018		1			ADDITIONAL HRS	1	HR			235 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x *Steve Kester*
 DATE SIGNED **10-28-95** TIME SIGNED **1800**
 A.M. P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

SURVEY

AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	4680 25
FROM CONTINUATION PAGE(S)	8444 64
	13,124 89
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	8531 73

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) **Steve Kester** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) **x Steve Kester** HALLIBURTON OPERATOR/ENGINEER EMP # **John Woodrow 62573** HALLIBURTON APPROVAL **John Woodrow 358**



TICKET CONTINUATION

ORIGINAL

TICKET No. 881406

HALLIBURTON ENERGY SERVICES

CUSTOMER
SANDAN OIL CO.

WELL
Angel #3

DATE
10 29 95

PAGE OF

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M			
504-043	516.00272				Premium Cement	90	sk			11.55	1039	50
504-281					Midcon Premium Cement	295	sk			15.68	4625	60
507-285	70.15250					555	lb					
508-127	516.00335					6	sk					
507-210	890.50071				Flocele 1/2" / 785	96	lb			1.65	15840	
507-970	70.15764				D-Air .25" / 90	21	lb			3.25	68	25
507-286	516.00041				FWCA .1" / 90	9	lb			11.80	106	20
507-775	516.00144				Halad-322 .8" / 90	68	lb			7.00	476	00
506-127	516.00335				Calc Seal 10" / 90	9	sk			25.90	233	10
508-002	70.16320				Potassium Chloride 5" / 90	211	lb			.27	56	97
509-406	890.50812				Calcium Chloride 1" / 785	48	ks			36.75	1770	00
ORIGINAL												
500-207					SERVICE CHARGE							
500-306					MILEAGE CHARGE							
					TOTAL WEIGHT	48,804						
					LOADED MILES		35					
					CUBIC FEET		535			1.35	722	25
					TON MILES		854.07			.95	811	37

No. B 211890

CONTINUATION TOTAL 8444.64

FIELD *Angell* SEC *6* TWP *33* RANG *29* COUNTY *MEADE* STATE *KS*

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. *9.3*

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

WELL DATA

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>U</i>	<i>15 1/2</i>	<i>2 1/2</i>	<i>21 1/2</i>	<i>20</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>SST II 5 1/2</i>	<i>1</i>	<i>Halco</i>
FLOAT SHOE <i>SST II</i>	<i>1</i>	
GUIDE SHOE		
CENTRALIZERS <i>Fluidmaster</i>	<i>21</i>	
BOTTOM PLUG		
TOP PLUG <i>Su</i>	<i>1</i>	
HEAD		
PACKER <i>Engain clamp</i>	<i>1</i>	
OTHER <i>Wild H</i>	<i>1</i>	

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>10-29-95</i>	DATE <i>10-25-95</i>	DATE <i>10-29-95</i>	DATE <i>10-29-95</i>
TIME <i>1530</i>	TIME <i>1800</i>	TIME <i>0132</i>	TIME <i>0235</i>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API

DISPL. FLUID _____ DENSITY _____ LB./GAL. API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>J. Woodrow #62572</i>	<i>420048</i>	<i>pick-up Liberal, KS</i>
<i>T. Payer #48120</i>	<i>16905</i>	<i>" "</i>
<i>D. Carpenter #62728</i>	<i>15237</i>	<i>Bulk Hugoton, KS</i>
<i>J. Wilson #12442</i>	<i>17031</i>	<i>" "</i>

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>30</i>	<i>Midcon 2 H</i>		<i>B</i>	<i>1/4% Flacels, 1% CC,</i>	<i>3.15</i>	<i>11.1</i>
	<i>240</i>	<i>Midcon 2 H</i>		<i>B</i>	<i>1/4% Flacels, 1% CC</i>	<i>2.26</i>	<i>12.2</i>
	<i>80</i>	<i>PREMIUM</i>		<i>B</i>	<i>10% Calseal, 1% CC, 1/4% D-Aux, 1/4% Flacels, 1% Hald-322, 1/4% Fwccf, 5% kd.</i>	<i>1.33</i>	<i>15.6</i>

DEPARTMENT *CEMENT Production*

DESCRIPTION OF JOB *Plug Rat & mouse hole, set production string, Displace to Brave water*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE *X Steve Leck*

HALLIBURTON OPERATOR *J. Woodrow* COPIES REQUESTED _____

360 PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET *42* REASON *Shoe Joint*

VOLUMES

PRESLUSH *116.8* BBL.-GAL. TYPE *SCAVENGER*

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. *138.15*

CEMENT SLURRY *96.6 + 21.3* BBL.-GAL.

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER *SAMEDAN O.I. Co*

LEASE *Angell*

WELL NO. *573*

JOB TYPE *OAS (Long string)*

DATE *10-29-95*



JOB LOG HAL-2013-C

DATE: 10-28-95 PAGE NO: 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
SAMUDAN OIL CORP		3		ANGELL		575-2006-STARTING		881406	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1900							JOB READY	
	1530							CALLED OUT FOR JOB	
	1800							PUMP TRUCK ON LOCATION - RIG HAS DRILL PIPE LAYED DOWN - SET UP	
	1855							START RUNNING 5/8" CSG + FLT EQUIP	
	2245							CASING ON BOTTOM 5850'	
	2300							HOOK UP 5 1/2" P/C + CIRCULATING IRON	
	2300							START CIRCULATING WITH RIG PUMP	
								HOLD SAFETY MEETING	
	0120							THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK	
								JOB PROCEDURE	
	0132		3.0		✓			PLUG R+H WITH 15 SKS	
	0136		2.0		✓			PLUG M+H WITH 10 SKS	
								HOOK UP TO 5 1/2" CSG	
	0140	6.0	16.8		✓		0-250'	START MIXING 30SKS SCAVENGER CMT AT 11.1 ^{LB} /GAL	
	0145	6.0	96.0		✓		0-250'	START MIXING LEAD CMT AT 12.2 ^{LB} /GAL	
	0155	6.0	21.0		✓		0-300'	START MIXING TAIL CMT AT 15.6 ^{LB} /GAL	
							0'	THROUGH MIXING CMT / SHUT DOWN	
								WASH OUT PUMP + LINES / RELEASE PLUG	
	0208	7.5					0-250'	START DISPACING WITH 9.3 ^{LB} BRINE WATER	
	0218	6.0	800		✓		0-250'	HAVE 80 BBLs DISPLACED - START LIFTING CMT	
							0-100'	SLOW RATE DOWN TO 6 BPM	
	0235		140.5		✓		1200'	PLUG DOWN	
								MAY LIFT PRESSURE BEFORE LANDING PLUG	
							650'	WAS 650'	
								HAD GOOD MUD CIRCULATION THROUGH OUT JOB	
	0330							OFF LOCATION	
								THANK YOU!	
								CALL AGAIN	
								WOODY + TOM	
								8.45	
								ON LOCATION TIME - 8 HRS 57 MIN	
								PUMPING TIME - 1 HR 3 MIN	
								1.05	

ORIGINAL