

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 6455
name Apache Drilling Co. Inc.
address Box 454

City/State/Zip Ness City, Kansas 67560

Operator Contact Person CLINT BASE
Phone 913 798 3995

Contractor: license # 9943
name Republic Drilling Inc.

Wellsite Geologist MATTHEW TOTTAN
Phone 316 264 0079

Designate Type of Completion
 New Well Re-Entry Workover

Oil 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

STATE CORPORATION COMMISSION
JUN 23 1986
CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

4-16-86 4-24-86 Dry 4-24-86
Spud Date Date Reached TD Completion Date

4390
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 259 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 135-23-023-0000
County Ness County
E/2 NW NW Sec 1 Twp 19 Rge 24 East West

4620 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

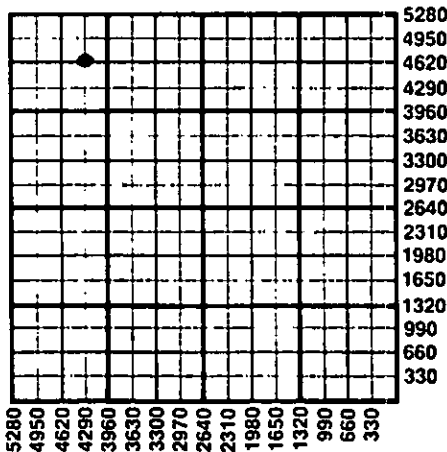
Lease Name F.O.O.S. Well# 1

Field Name

Producing Formation MISS

Elevation: Ground 2282 KB 2289

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 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 Clint Base

Title President Date 5-19-86

Subscribed and sworn to before me this 19th day of May 19 86.

Notary Public Connie J. Base
Date Commission Expires 5-5-90

CONNIE J. BASE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-5-90

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
(This form supercedes
previous forms
ACO-1 & C-10)

Sec. 1 Twp. 19 Rge. 24

Operator Name Apache Drilling Co. Inc. Lease Name Foos Well# 1 SEC. 1 TWP. 19 RGEAN East West

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

Ft Scott
4238 to 4258

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
<u>Surface</u>	<u>12 1/4</u>	<u>8 5/8</u>	<u>20*</u>	<u>259</u>	<u>60-40 Pos</u>	<u>160</u>	<u>22 gal 3% CC</u>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed
 Commingled

15-135-23023-0000

SUBSURFACE PRESSURE SURVEY

DATE : 4-22-86
CUSTOMER : APACHE DRILLING CO. INC.
WELL : #1 TEST: 1
ELEVATION : 2289
SECTION : 1
RANGE : 24W COUNTY : NESS
GAUGE SN# : 4376 RANGE : 4000

TICKET : 8994
LEASE : FOOS
GEOLOGIST : IVES
FORMATION : FT. SCOTT
TOWNSHIP : 19S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4238 TO : 4258 TOTAL DEPTH : 4258
DEPTH OF SELECTIVE ZONE :



**REPUBLIC
DRILLING**
INCORPORATED

DRILLERS' WELL LOG

Name : Apache Drilling, Inc.
Location : Foos #1
County : Ness
Commenced: 4/16/86
Completed: 4/24/86
API# : 135-23,023-0000
Operator : Republic Drilling, Inc.

DEPTH		FORMATION	REMARKS
From	To		
0	2000	Sand, Clay, Red Bed	4/16/86 M.I.R.T. Cut 269' of 12 1/4" hole.
2000	3000	Sand, Clay, Shale	Ran 6 jts. 20# 8 5/8" Csg. 251' Set @ 259' Cmt. w/160
3000	4000	Lime, Shale	sx 60/40 Poz. 2% gel 3% cc Cmt. did circ. Allied. Plug
4000	4390	Lime, Shale, Dolomite	down @ 4:45 p.m. 4/16/86 4/23/86 T.D. 4390' Plugged as follows: 50 sx @ 1570' 80 sx @ 780' 40 sx @ 289' 10 sx @ 0-40' 15 sx @ Rat hole. Cmt. w/195 sx 60/40 poz. 6% gel. Plug Down 3:15 a.m. 4/24/86 Allied.

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

RECEIVED
STATE CORPORATION COMMISSION

JUN 23 1986

REPUBLIC DRILLING, INC.

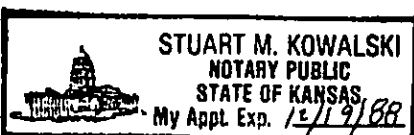
CONSERVATION DIVISION
Wichita, Kansas

Matthew W. Totten
Matthew W. Totten, Vice-President

The above and foregoing Drillers' Well Log was subscribed and sworn to before me, a Notary Public, for and in the State of Kansas on this 6 day of May, 1986.

My Commission Expires:

Stuart M. Kowalski



310 WEST CENTRAL
SUITE 214
WICHITA, KANSAS 67202
(316) 264-0079

15-135-23023-0000

SUBSURFACE PRESSURE SURVEY

DATE	: 4-22-86	TICKET	: 8994
CUSTOMER	: APACHE DRILLING CO. INC.	LEASE	: FOOS
WELL	: #1 TEST: 1	GEOLOGIST	: IVES
ELEVATION	: 2289	FORMATION	: FT. SCOTT
SECTION	: 1	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KANSAS
GAUGE SN#	: 4376 RANGE: 4000	CLOCK	: 12

INTERVAL FROM	: 4238	TO	: 4258	TOTAL DEPTH	: 4258
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4235	SIZE	: 6.63		
PACKER DEPTH	: 4238	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: REPUBLIC DRLG.		
MUD TYPE	: LOW SOLIDS	VISCOSITY	: 43
WEIGHT	: 9.3	WATER LOSS (CC)	: 14.6
CHLORIDES (PPM)	: 8500		
JARS-MAKE	: -	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 120 FT	I.D. inch	: 2.25
WEIGHT PIPE LENGTH	: 0 FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 4098 FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20 FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 20 FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75 IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875 IN	TOOL JOINT SIZE	: 4.5 FH

BLOW COMMENT #1 : VERY WEAK BLOW DYING OFF IN
 BLOW COMMENT #2 : 25 MINUTES ON THE INITIAL FLOW.
 BLOW COMMENT #3 : NO BLOW ON THE FINAL FLOW.
 BLOW COMMENT #4 :

RECOVERED	: 20 FT OF: DRILLING MUD.	0.10 Barrels
RECOVERED	: 0 FT OF: VERY SLT SHOW OF OIL	0.00 Barrels
RECOVERED	: 0 FT OF: IN TOP OF TOOL.	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
RECOVERED	: 0 FT OF:	0.00 Barrels
Total Barrels =	0.1	Total Production =
		2.4 Bpd

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STATE CORPORATION COMMISSION

JUN 23 1986

CONSERVATION DIVISION
Wichita, Kansas

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S)	: 8:15 PM	TIME STARTED OFF BOTTOM	: 10:45 PM
WELL TEMPERATURE	: 113		
INITIAL HYDROSTATIC PRESSURE		(A)	2072
INITIAL FLOW PERIOD	: MIN: 30	(B)	28 PSI TO (C) : 29
INITIAL CLOSED IN PERIOD	: MIN: 54	(D)	1040
FINAL FLOW PERIOD	: MIN: 30	(E)	42 PSI TO (F) : 42
FINAL CLOSED IN PERIOD	: MIN: 51	(G)	989
FINAL HYDROSTATIC PRESSURE		(H)	2060