

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

State Geological Survey (REV) ACO-1

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Sterling Oil & Exploration, Inc.API NO. 059-22,376ADDRESS 8080 Ward Parkway, Suite 440COUNTY FranklinKansas City, Missouri 64114FIELD Coughenour**CONTACT PERSON John Gramlich and/or Terrence Brown PROD. FORMATION SquirrelPHONE (816) 444-2353LEASE CoughenourPURCHASER McClaskey Vacuum TransportWELL NO. 12-81ADDRESS 111 West 3rd StreetWELL LOCATION E/2 NE/4 NE NW NEEureka, Kansas 6704549/8 FSLDRILLING C & R Drilling, Inc.165 Ft. from North Line andCONTRACTOR ADDRESS 8080 Ward Parkway, Suite 4401372 FEL 10901090 Ft. from East Line ofKansas City, Missouri 64114the 4 SEC. 16 TWP. 21 ERGE.

WELL PLAT

PLUGGING C & R Drilling, Inc.

CONTRACTOR

ADDRESS 8080 Ward Parkway, Suite 440Kansas City, Missouri 64114KCC
KGS ☒
(Office Use)TOTAL DEPTH 757 PBTDSPUD DATE 11-17-81 DATE COMPLETED 12-14-81

ELEV: GR DF KB

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

		X	

RECEIVED
STATE CORPORATION COMMISSION

DEC 21 1981

CONSERVATION DIVISION
Wichita KansasAmount of surface pipe set and cemented 50' DV Tool Used?

AFFIDAVIT

STATE OF Kansas, COUNTY OF Franklin ss, I, John J.Gramlich OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,DEPOSES THAT HE IS President (FOR) (OF) Sterling Oil & Exploration, Inc.OPERATOR OF THE Coughenour LEASE, AND IS DULY AUTHORIZED TO MAKETHIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 12-81 ONSAID LEASE HAS BEEN COMPLETED AS OF THE 16th DAY OF December 1981

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
See attached well report				
Size	Setting depth	Packer set at		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used			Depth interval treated
100 Bwls Gel Water			
60 Sacks Sand			709-719
Date of first production 12-14-81	Producing method (flowing, pumping, gas lift, etc.) Pumping		Gravity 30
RATE OF PRODUCTION PER 24 HOURS	Oil 1	Gas none	Water 10 %
Disposition of gas (vented, used on lease or sold) Vented			Gas-oil ratio none
Perforations			30

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	8 5/8	6 1/4	14 lbs.	50'	Portland	5	None
Production	5 1/4	2 3/8	3.75	757'	Portland	90	None

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			3 / ft	1 9/16 DML	709-719

WELL RECORD

4-16-21E

Well No. 12-81 Farm Coughenour Producer Coughenour Joint Venture

Location 165FNL 1000FEL Sec. 4 Twp. 16 Rg. 21E
20

Elevation State Kansas County Franklin

Kind (Oil, Gas, Water, Dry Hole) Contractor C & R Drilling, Inc.

Producing formation Squirrel Top Bottom

Shot with qts. from to

Packer Set at Kind Size

Liner from to Perforated from to

LOG

Thick- ness	Strata	Depth	Thick- ness	Strata	Depth
17	Clay	17	4	Lime	652
19	Sand	36	4	Shale	656
4	Lime	40	48	Lime and shale	704
5	Shale	45			
16	Lime	61		Sand 703	
7	Shale	68			
14	Lime	82			
3	Shale	85		TD 757	
19	Lime	104		SN 706	
40	Shale	144			
18	Lime	162			
76	Shale	238			
21	Lime	259			
29	Shale	288			
8	Lime	296			
38	Shale	334			
2	Lime	236			
16	Shale	352			
24	Lime	376			
6	Shale	382			
24	Lime	406			
3	Shale	409			
5	Lime	414			
2	Shale	416			
7	Lime	423			
173	Shale	596			
7	Lime	603			
8	Shale	611			
8	Lime	619			
29	Shale	648			

Total Depth

Open Hole

Casing at

Casing at

Casing at

Cement

Tubing

Rods

Additional Information

bottom 8½' 4 shots/ft

top 8' 1 shot/ft

Date Completed

O. K.

Superintendent