

TYPE

State Geological Survey AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

WICHITA BRANCH

28-28-22E

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run_____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 7231

EXPIRATION DATE 6-30-84

OPERATOR Stephens Oil Co.

API NO. 15-037-20958

ADDRESS Box 140

COUNTY Crawford

Walnut, Kansas 66780

FIELD Fair Oak

** CONTACT PERSON Morris Stephens
PHONE 316-354-6528

PROD. FORMATION Bartlesville
Tucker

PURCHASER Square Deal

LEASE Engel

ADDRESS Chanute, Kansas Box 333 R. R. 3
66780

WELL NO. N-13

WELL LOCATION

DRILLING Bishop Exploration

690 Ft. from North Line and

CONTRACTOR

ADDRESS Walnut, Kansas 66780

305 Ft. from East Line of (E)
the (Qtr.) SE 28 TW 28S RG 22E (E).

PLUGGING

WELL PLAT

(Office Use Only)

CONTRACTOR

ADDRESS

KCC

KCS

SWD/REP

PLG.

NGPA

TOTAL DEPTH 518

PBTB

SPUD DATE 10-10-83 DATE COMPLETED 11-16-83

ELEV: GR 931 DF X KB

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING
USED TO DISPOSE OF WATER FROM THIS LEASE 43-44759

Amount of surface pipe set and cemented 20'

DV Tool Used?

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
Acid 15%	50 Gals. Frac. 35 S. K. Sand	497-506
Acid 15%	50 Gals. Frac. 25 SK. Sand	454-465
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
11-20-83	Pump	28
Estimated Production -I.P.	Oil	Gas
-I.P. 2	bbbls.	bbbls.
Disposition of gas (vented, used on lease or sold)		Perforations

SIDE TWO

OPERATOR Stephens Oil Co.LEASE EngelACO-1 WELL HISTORY (E)
SEC. 28 TWP. 28S RGE. 22E (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. N- 13

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
☒ Check if no Drill Stem Tests Run.				
☐ Check if samples sent to Geological Survey				
	0	2	Soil	2
	2	10	Clay	12
	12	41	Shale	41
	41	47	Lime	47
	47	55	Shale	55
	55	74	40' Lime	74
	74	75	Shale	75
	75	86	Lime	86
	86	149	Shale	149
	149	150	Lime	150
	150	151	Shale	151
	151	170	20' Lime	170
	170	176	Shale	176
	176	182	Lime	182
	182	187	Shale	187
	187	283	Shale	283
	283	322	Shale & Shells	322
	322	346	Shale	346
	346	347	Oil Sand	347
	347	357	Broken Sand	357
	357	367	Oil Sand	367
	367	369	Broken Sand	369
	369	396	Shale	396
	396	448	Shale	448
	448	453	White Sand	453
	453	479	Shale	479
	479	497	Oil Sand	-----
	479	497	Shale	497
	497	506	Oil Sand	506
	506	514	Broken Sand	514 T. D.

If additional space is needed use Page 2,

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	Socks	Type and percent additives
Surface	8 $\frac{1}{2}$	6 $\frac{1}{2}$	9	20' 208	Regular	6	None
Tubing	5 $\frac{1}{2}$	23/8	4.70	513	Regular	46	1 SK. Premium Gel
Pump String		1 "		497			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2	1 11/16	497-506
			2	1 11/16	354-365
TUBING RECORD					
Size	Setting depth	Packer set at			