

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

PT

State Geological Survey

WICHITA BRANCH

SIDE ONE

(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.

Letter requesting confidentiality attached.

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 # 8687 EXPIRATION DATE May 27, 1984

OPERATOR CALVERT DRILLING COMPANY API NO. 115-21,023

ADDRESS P. O. Box 54589 COUNTY Marion

Oklahoma City, OK 73154 FIELD Wildcat

** CONTACT PERSON Victor L. Cooper PROD. FORMATION -----
PHONE (405) 848-2222

PURCHASER None LEASE Pankratz

ADDRESS _____ WELL NO. 1

WELL LOCATION NE NE NE

DRILLING Blackstone Drilling Company 330 Ft. from North Line and

CONTRACTOR P. O. Box 1184 430 Ft. from East Line of (E)

ADDRESS McPherson, KS 67460 the NE (Qtr.) SEC 3 TWP 18S RGE 1 (W)

PLUGGING Blackstone Drilling Company WELL PLAT _____ (Office Use Only)

CONTRACTOR P. O. Box 1184 _____ KCC _____

ADDRESS McPherson, KS 67460 _____ KGS

TOTAL DEPTH 3335 PBTD _____ SWD/REP _____

SPUD DATE 6-18-83 DATE COMPLETED 6-26-83 PLG. _____

ELEV: GR 1434 DF ----- KB 1439 NGPA _____

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

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

Amount of surface pipe set and cemented 280 DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____ Gravity _____

Estimated Production -I.P. _____ Oil _____ Gas _____ Water % _____ Gas-oil ratio _____ bbls. MCF bbls. CFPB

Disposition of gas (vented, used on lease or sold)

Perforations

OPERATOR CALVERT DRILLING COMPANY LEASE Pankratz SEC. 3 TWP. 18S RGE. 1 (XX)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

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.				
<input checked="" type="checkbox"/> Check if samples sent to Geological Survey				
Shale and Sand	0	280	Topeka	1576 (- 137)
Sand and Shale	280	440	Heebner	1882 (- 443)
Lime	440	470	Lansing	2094 (- 655)
Shale and Lime	470	1575	Mississippian	2578 (-1239)
Lime	1575	1620	Kinderhook	2858 (-1419)
Shale and Lime	1620	1775	Hunton	3000 (-1561)
Lime	1775	1875	Sylvan	3048 (-1609)
Shale and Lime	1875	1905	Viola	3150 (-1712)
Sand	1905	2015	Simpson	3250 (-1815)
Shale	2015	2095	Arbuckle	3302 (-1863)
Lime and Shale	2095	2265		
Shale and Lime	2265	2510		
Sand	2510	2520		
Shale	2520	2680		
Lime and Chert	2680	2860		
Shale	2860	3000		
Dolomite	3000	3050		
Shale	3050	3150		
Lime and Dolomite	3150	3250		
Sand and Shale	3250	3300		
Dolomite	3300	3335		
Total Depth	3335			
DST #1, 3254'-3269'. No gas to surface. Recovered 70' muddy salt water and 1080' Clear salt water. IHP 1654#, IFP Not Reported, FFP 789#, ISIP 1039#, FSIP 1028#, FHP 1644#.				
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	12-1/2"	8-5/8"	23#	280'	60-40 Poz-Mix & Regular	160	3% Calcium Chloride

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

PI



3-18-1E

Blackstone Drilling, Inc.

Box 455 • 523 West Kansas • Phone (316) 241-1250
McPHERSON, KANSAS 67460

June 27, 1983

COMPANY: CALVERT DRILLING CO.

CONTRACTOR: BLACKSTONE DRILLING, INC.

FARM: PANKRATZ #1

LOCATION: 100' W Center of NE NE NE Section 3-18-1E,
Marion County, Kansas

COMMENCED: June 18, 1983

COMPLETED: June 26, 1983

ELEVATION:

Oil & Gas Division
Marion County Branch

0	to	50	Clay & Shale
50	to	65	Sand
65	to	285	Shale
285	to	540	Lime & Shale
540	to	1760	Shale & Lime
1760	to	1938	Lime
1938	to	2099	Shale
2099	to	2170	Lansing
2170	to	2557	Lime
2557	to	2650	Lime & Shale
2650	to	2685	Shale & Lime
2685	to	2789	Lime
2789	to	2837	Mississippi
2837	to	2872	Kinderhook
2872	to	2999	Shale
2999	to	3068	Lime & Shale
3068	to	3200	Viola
3200	to	3281	Simpson
3281	to	3340	Arbuckle
		3340	T. D.

Cut 12 1/4" hole to 280' and run 282' of 8 5/8" casing, cemented with 125 sacks of pozmix, 3% CC & 35 sacks of cement and 3% CC at 280'. Plug down at 3:30 P. M., June 18, 1983. Hole dry and abandoned. Set first plug at 340' with dry hole plug, 1/2 sack of hulls & cemented with 40 sacks. Filled hole to 40' & set plug with 1/2 sacks of hulls & 10 sacks of cement, 10 sacks in rathole. Plugging completed by State Plugger, Gilbert Toman, Holyrood, Kansas. Plugging completed at 9:00 P. M., June 26, 1983.

TOPS: LANSING - 2099' MISSISSIPPI - 2789' KINDERHOOK - 2837'
VIOLA - 3125' SIMPSON - 3200' ARBUCKLE - 3281'

Measurements taken from K. B.