

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.

F _____ Letter requesting confidentiality attached.
 C X 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 # 5734 EXPIRATION DATE 6-30-84
 OPERATOR Culver & Grounds Dil Prop. API NO. 15-113-20,985-00-00
 ADDRESS 1432 Ranch Rd. COUNTY McPherson
McPherson, Ks. 67460 FIELD Ritz - Canton
 ** CONTACT PERSON V. C. Culver PROD. FORMATION Mississippian
 PHONE 316-241-1179
 PURCHASER N.C.R.A. LEASE MASTRE
 ADDRESS McPherson, Ks. WELL NO. 12
 DRILLING CONTRACTOR Blackstone Drilling Co. WELL LOCATION SE SW NE
 ADDRESS McPherson, Ks. Ft. from _____ Line and _____
 Ft. from _____ Line of _____
 the _____ (Qtr.) SEC 14 TWP 19 RGE 2 (W).

PLUGGING CONTRACTOR ADDRESS _____

WELL PLAT (Office Use Only)
 KCC _____
 KGS _____
 SWD/REP _____
 PLG. _____
 NGPA RECEIVED
 CORPORATION
 OCT 3 1983
 CONSERVATION DIVISION
 Wichita, Kansas

SEBS	WATER	PRODUCTION	INJECTION

TOTAL DEPTH 3003 PBD _____
 SPUD DATE 4-14-82 DATE COMPLETED 4-19-82
 ELEV: GR _____ DF _____ KB 1554
 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 206' DV Tool Used? _____
 TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____ Other completion _____ NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

AFFIDAVIT

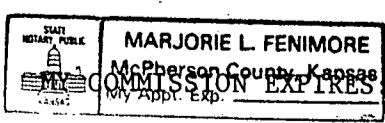
V. C. Culver, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

V. C. Culver
 (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 30th day of September, 1983.

Marjorie L. Fenimore
 (NOTARY PUBLIC)



** The person who can be reached by phone regarding any questions concerning this information.

OPERATOR Culver & Grounds Oil Prop. LEASE MASTEE

SEC. 14 TWP. 19 RGE. 2 (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 2

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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent to Geological Survey				
Clay	0	15		
SAND	15	55		
Shale	55	210		
Shale + Lime	210	745		
Lime + Shale	745	1085		
Shale + Lime	1085	2045		
Lime + Shale	2045	2235		
Shale + Lime	2235	2560		
Lime	2560	2749		
Lime + Shale	2749	2860		
Shale + Lime	2860	2878		
Mississippi	2878	3003		
<p>Formation Tops.</p> <p>LANISING 2282 (-728)</p> <p>MISSISSIPPIAN 2878 (-1324)</p> <p>RTD 3003 (-1449)</p>				

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	Sacks	Type and percent additives
Surface	12 1/4	8 5/8"		204'	COMMON	125	
Long		5 1/2		3006.37	60/40 Pozmix	75	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			7-Shots		2942-48-55-58-63-66-72

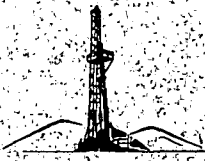
TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 Gal - Acid - HCl 5% - NE.	2942 - 72

Date of first production	Producing method (flowing, pumping, gas lift, etc.) <u>Reda Pump</u>	Gravity
Estimated Production -I.P. Oil <u>15</u> bbls.	Gas <u>98</u> % MCF	Water <u>98</u> % bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio
		CFPB
Perforations <u>2942-48-55-58-63-66-72</u>		



Blackstone Drilling, Inc.

Box 1184 • 523 West Kansas • Phone (316) 241-1250
McPHERSON, KANSAS 67460
April 20, 1982

COMPANY: CULVER & GROUNDS OIL PROPERTIES, INC.
 CONTRACTOR: BLACKSTONE DRILLING, INC.
 FARM: MASTRE #2
 LOCATION: SE SW NE Section 4-19-2W,
 McPherson County, Kansas
 COMMENCED: April 14, 1982
 COMPLETED: April 19, 1982
 ELEVATION:

Cut 12 1/2" hole to 204' and run 206' of 8 5/8" casing, cemented with 125 sacks of cement at 204'. Plug down at 12:30 P. M., April 14, 1982. Run 3006.37' of 5 1/2" casing, cemented with 75 sacks of cement at 3001.5', 1 1/2" off bottom. Plug down at 2:50 A. M., April 19, 1982.

TOPS: LANSING - 2282' MISSISSIPPI - 2878'


Measurements taken from K. B.

0	to	15	Clay
15	to	55	Sand
55	to	210	Shale
210	to	745	Shale & Lime
745	to	1085	Lime & Shale
1085	to	2045	Shale & Lime
2045	to	2235	Lime & Shale
2235	to	2560	Shale & Lime
2560	to	2749	Lime
2749	to	2860	Lime & Shale
2860	to	2878	Shale & Lime
2878	to	3003	Mississippi
		3003	T. D.

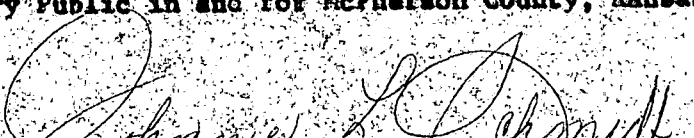
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 STATE CORPORATION COMMISSION
 OCT 3 1983
 CONSERVATION DIVISION
 Wichita, Kansas

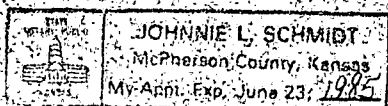
CERTIFICATE

I, P. E. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a correct copy of log on your Mastro #2, located SE SW NE Section 4-19-2W, McPherson County, Kansas as reflected by the files of Blackstone Drilling, Inc.


 P. E. Plouffe, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 20th day of April, 1982.


 Johnnie L. Schmidt - Notary Public



OPERATOR Culvert Grounds Oil Prod. LEASE NAME MaStree

SEC. 14 TWP. 19 RGE. 2 (W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 2

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
LANSING Lime	2282			
Mississippian Chert	2878			

RECEIVED
STATE CORPORATION COMMISSION

OCT 3 1983

CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS FOR FILING ACO-1 WELL HISTORY FORMS

When to File - Number of Copies

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

ACO-1 Well history forms are required on all wells, regardless of how completed. (Rule 82-3-130)

PRODUCING AND TEMPORARILY ABANDONED WELLS:
(File 2 copies)

OIL WELLS: An oil well shall be considered completed when the first new oil is produced through well head equipment into lease tanks from the producing interval after the production string has been run. For information regarding oil wells, contact Tom Leiker or Elisabeth Wannow.

GAS WELLS: A gas well shall be considered completed when the well is capable of producing gas through well head equipment from the producing zone after the production string has been run. Shut-in gas wells also require 2 copies. For information regarding gas wells, contact Richard Smith or Jim Hemmen.

TEMPORARILY ABANDONED WELLS: For information, contact Duane Rankin.

ACO-1 WELL HISTORY FORMS WITH APPLICATIONS:

PLUGGING: File 3 (THREE) copies. A dry hole shall be considered completed when all provisions of plugging are complied with. ACO-1 should be filed with one copy each of form CP-1 and CP-4. For information regarding plugging, contact Allaweas Winfrey (western range) or Diana Crockett (eastern range).

SALT WATER DISPOSAL and INJECTION: File 4 (FOUR) copies. These should be sent with two copies of form U-1. For information regarding SWD or injection wells, contact Lu VonFeldt.

NGPA: File 4 (FOUR) copies. These should be filed with one original and two copies of NGPA application forms. For information, contact Becky Norris or Bob Tilton.

REQUESTING CONFIDENTIALITY:

Only 1 (ONE) copy of the ACO-1 should be filed with a letter attached for each well on which information is to be held confidential. ALL of the information should be completed on the form. Only information on Side One will be of public record. Side Two will be held confidential. On wells which are Docketed, confidentiality is waived. Plugging forms CP-1 and CP-4 cannot be held confidential.

To order additional forms or request information, call (316) 263-3238.

PLEASE KEEP THIS SHEET FOR REFERENCE.