

State Geological Survey
WICHITA, BRANCH

18-35-33W

KANSAS DRILLERS LOG

S. 18 T. 35S R. 33 **W**

API No. 15 — 175 — 20,176
County Number

Loc. SE/4

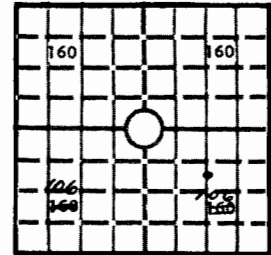
Operator
ASHLAND OIL, INC.

County Seward

Address
P. O. Box 18695, Oklahoma City, Oklahoma 73118

640 Acres
N

Well No. 1-18 Lease Name McDonald



Footage Location
909 feet from (S) line 1320 feet from (E) line

Principal Contractor Service Drilling Geologist

Spud Date 5-5-72 Total Depth 6902' P.B.T.D. 6408'

Elev.: Gr. _____

Date Completed 6-26-72 Oil Purchaser

DF 2856' KB _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

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 Pipe	12-1/4"	9-5/8"	32.3	167.5	Howco Lite Common	450 200	2% CC 3% CC
Prod. Pipe		4-1/2"	10.5	6445	Poz.	325	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 holes		6320-6340'

Size	Setting depth	Packer set at
2-3/8"	6295	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1700 gal. 15% HCL, w/50 ball sealers	6320-6340'
14000 gal. Westpad A, 22,000 gal. 15% Reactrol acid	
125 bbls. FW - w/10 gla/WK-1	

INITIAL PRODUCTION

Date of first production <u>Well Shut in</u>	Producing method (flowing, pumping, gas lift, etc.) <u>No market</u>
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Water Gas-oil ratio
	bbls. <u>1715</u> MCF bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>6320-6340'</u>

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Ashland Oil, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

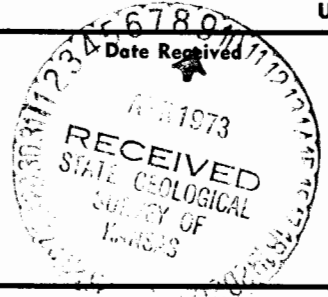
Well No. 1-18 Lease Name McDonald Shut in Gas Well

S 18 T 35S R 33 E W

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			Council Grove	3040'
			Lansing	4530'
			Chester Lime	6318
			Dual Induction laterolog & compensated neutron formation density logs run. These logs were submitted previously.	
			Log Tops	Depth
			Her	2636
			Kri	2706
			Win	2765
			U Ft. Ril.	2824
			L Ft. Ril.	2882
			Wref	2996
			Co Gr	3027
			Adm	3363
			Wab	3524
			Heeb	4380
		Lans	4530	
		Kc	4814	
		Marm	5240	
		Cher	5626	
		Mrw	5946	
		Keyes Sd	6246	
		B.P. Chest.	6268	
		Ste Gen	6625	
		St Louis	6780	
		Ltd	6902	
		Rtd	6905	

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.



George E. Girouard
 Signature

 Engineer
 Title

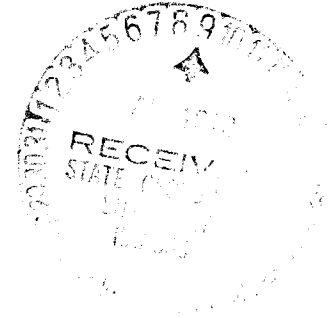
 March 7, 1973
 Date

23232

18-35-33w

ASHLAND EXPLORATION

McDonald #1-18 Well
Seward County, Kansas



COMMENCED OPERATIONS: 5-5-72

COMPLETED OPERATIONS: 5-29-72

DRILLERS LOG

5-5-72	0 - 993	Sand, Clay & Red Bed
5-6-72	993 - 1675	Sand & Anhydrite.
5-8-72	1675 - 2485	Shale, Shells, Red Bed & Lime.
5-9-72	2485 - 2742	Lime & Shale.
5-11-72	2742 - 3111	Lime & Shale.
5-12-72	3111 - 3483	Lime & Dolomite.
5-13-72	3483 - 3629	Lime & Dolomite.
5-14-72	3629 - 4031	Lime, Dolomite & Shale.
5-15-72	4031 - 4313	Lime, Dolomite & Shale.
5-16-72	4313 - 4648	Lime, Dolomite & Shale.
5-17-72	4648 - 4982	Lime & Shale.
5-18-72	4982 - 5200	Lime & Shale.
5-19-72	5200 - 5510	Lime & Shale.
5-20-72	5510 - 5659	Lime & Shale.
5-21-72	5659 - 5995	Lime & Shale.
5-22-72	5995 - 6276	Lime & Shale.
5-23-72	6276 - 6322	Lime & Shale.
5-24-72	6322 - 6347	Lime & Shale.
5-25-72	6347 - 6548	Lime & Shale.
5-26-72	6548 - 6680	Lime & Shale.
5-27-72	6680 - 6902	Lime & Shale.

CASING RECORD

- 5-6-72 Ran 54 Jts. (1676.34') of 9 5/8", 32.30# casing. Cemented with 450 sacks Halco, Lite w/2% c.c. and 200 sacks Common, 3% c.c.
- 5-29-72 Ran 198 Jts. of 4 1/2" casing. Cemented with 175 sacks, 18% salt and 150 sacks, 18% salt.