

State Geological Survey

WICHITA BRANCH
KANSAS DRILLERS LOG

15-191-20656

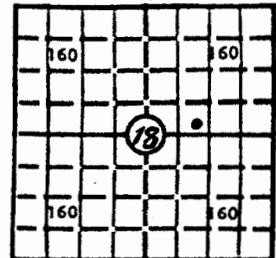
API No. 15 — 191 — 20,656
County Number

S. 18 T. 35 R. 1 ^E_{NE}

Loc. SE SW NE

County Sumner

640 Acres
N



Locate well correctly

Elev.: Gr. 1099'

DF 1102.5 KB 1104'

Operator
Wheatland Oil & Gas, Inc.

Address
8210 Limerick Lane, Wichita, Kansas 67206

Well No. # 1 Lease Name Esther E. Brown

Footage Location
350 feet from (S) line 350 feet from (E) (W) line

Principal Contractor B & N Drilling Company Geologist Michael D. Spain

Spud Date 3/08/77 Total Depth 3048' P.B.T.D.

Date Completed 3/16/77 Oil Purchaser

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	Socks	Type and percent additives
Surface	9 5/8"	7"		247'	100 SX - PORTLAND 3 SX. CALORIDE		
Production	6 1/2"	4 1/2"	9.50	3048'	REG. PORTLAND POZMIX "A"	66 SX 440 FT.	HALL GEL 2% SALT BLENDED 10%

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			LAYTON 2/FT	3 1/2 STRIP JET	2998-3000
NO PROD. - PLUGGED BACK TO LOWER HOOVER SET PLUG AT 2314					
			LOW HOOVER 2/FT	3 1/2 STRIP JET	2267-2271 NO PRODUCTION

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8" EVE 8 R.	3000	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

PERFED LAYTON 2998-3000 - SHOW OIL & GAS - LOTS SALT WATER - SQUEEZED LAYTON W/ 325 SX - LEFT 30' IN CASING - DRILLED OUT & REPERED 2998-3000 - ACIDIZED LAYTON 50 GAL NE ACID - SQUEEZE UNSUCCESSFUL - PLUGGED BACK LAYTON - PERF LOW HOOVER 2267-2271 - ACIDIZED TWICE - NO SHOW MINI FRAC 50 SX 20/40 SAND & 50# GEL - GOT NO PRODUCTION FROM LOW HOOVER WELL SHUT IN - MAY USE AS SW WELL OR SAVAGE & ABANDON

INITIAL PRODUCTION

Date of first production NONE Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	<u>NONE</u> bbls.	<u>NONE</u> MCF		

Disposition of gas (vented, used on lease or sold) Producing interval (s) NONE

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

Wheatland Oil & Gas, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

Esther E. Brown

S 18 T 35 R 1 E

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
soil	0	3		
clay	3	5		
shale	5	7		
lime	7	10		
shale	10	60		
lime	60	61		
shale	61	154		
lime	154	162		
shale	162	184		
lime	184	191		
shale/lime streaks	191	250		
lime	250	254		
shale	254	256		
lime	256	261		
shale	261	262		
lime	262	267		
shale	267	269		
lime	269	274		
shale	274	276		
lime	276	283		
shale	283	287		
lime	287	291		
shale	291	293		
lime	293	296		
shale	296	303		
lime	303	307		
shale	307	309		
lime	309	314		
shale	314	315		
lime	315	317		
shale	317	320		
lime	320	330		
shale	330	338		
lime/shale streaks	338	369		
shale	369	382		
lime	382	385		
shale	385	425		
lime	425	431		
shale/lime streaks	431	679		
lime	679	685		

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

Date Received

Wm. J. Calow

Signature

Pres - Wheatland Oil & Gas

Title

6/8/77

Date

Wheatland Oil & Gas, Inc.

1 Esther E. Brown

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Cont.

shale	685	703
lime	703	710
shale	710	725
lime	725	735
shale	735	772
shale/lime streaks	772	926
shale	926	1002
shale/lime streaks	1002	1039
lime	1039	1047
shale/lime streaks	1047	1066
lime	1066	1078
shale/lime	1078	1094
lime	1094	1097
shale/lime	1097	1102
lime	1102	1116
shale/lime	1116	1121
lime	1121	1124
shale/lime	1124	1127
lime	1127	1131
shale/lime	1131	1141
shale/lime	1141	1146
lime	1146	1150
shale/lime	1150	1156
lime	1156	1172
shale/lime	1172	1177
lime	1177	1178
shale/lime	1178	1194
lime	1194	1196
shale/lime	1196	1210
lime	1210	1217
shale/lime	1217	1226
lime	1226	1227
shale/lime	1227	1261
lime	1261	1262
shale/lime	1262	1267
lime	1267	1273
shale/lime	1273	1290
lime	1290	1301
shale/lime	1301	1305
lime	1305	1307
shale/lime	1307	1311
lime	1311	1313
shale/lime	1313	1445
lime	1445	1450
shale	1450	1474
lime	1474	1480
shale/lime streaks	1480	1496
lime/shale streaks	1496	1521
shale/lime streaks	1521	1548
lime/shale streaks	1548	1608
shale/lime streaks	1608	1662
lime	1662	1672
sand/shale	1672	1697
lime	1697	1711
shale/lime streaks	1711	1777

Wheatland Oil & Gas, Inc.

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cont.

shale	1777	1839
lime	1839	1843
shale	1843	1846
lime	1846	1852
shale/lime	1852	1857
lime	1857	1869'
shale/lime	1869	1886
lime	1886	1921
shale/lime streaks	1921	1936
lime/shale streaks	1936	1963
shale/lime	1963	1978
lime	1978	2013
shale/lime streaks	2013	2021
lime/shale streaks	2021	2066
shale/lime	2066	2079
lime/shale	2079	2082
shale/lime	2082	2087
lime/shale	2087	2122
sand	2122	2200
shale/sand	2200	2224
lime	2224	2229
shale/lime streaks	2229	2300
sand/shale	2300	2532
lime	2532	2537
shale	2537	2599
sand	2599	2784
shale/sand	2784	3003
sand	3003	3027
sand/shale	3027	2048

LEASE ESTHER E. BROWN	WELL NO. 1
AREA NAME HUNNEWELL FIELD DEVELOPMENT	PROJECT NO.

INDIVIDUAL WELL RECORD

LOCATION SECTION SE SW NE 18	TWP/BLK 35S	RNG/SURVEY 1E	COUNTY SUMNER	STATE KANSAS
FIELD HUNNEWELL	TYPE COMPLETION <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER		ELEVATION G.L. 1089' KB 1104'	
DRILLING CONTRACTOR B. & N. DRILLING		COMPLETION CONTRACTOR		PERMANENT DATUM FT. ABOVE G.L. 1102.5
TOOLS	DATE COMMENCED	DATE COMPLETED	DEPTH	
DUG PITS	3/5/77		FROM	TO
ROTARY B&N	3-9-77	3-15-77	250	3048
COMPLETION		CONTRACT PRICE PER FOOT \$5.25 DAY WORK W/D.P. \$ 85.00 WO/D.P. \$ 85.00		

HOLE			CASING				CEMENT		
SIZE	DEPTH	SET AT	SIZE	WEIGHT	GRADE	COND	#SX	TYPE	CMT. TOP
SURFACE	250	250	7"		used		100	PORTLAND+3sxCHL	SURF.
6 1/2"	3050	3048	4 1/2"	9.50	ERW, NEW	40'JT.	66	PORT+POZMIX"A"	2000'

INTERVAL	FORMATION	RECOVERY AND DESCRIPTION (Full analysis submitted separately)

INTERVAL	FORMATION	TIME OPEN	RECOVERY & PRESSURE DATA (Full analysis submitted separately)
1) 2128' - 2150'	UPPER HOOVER	30/30	240' SMSW ITP 35, ICIP 860, FFP 120, FCIP 860
2) 2227' - 2300'	LOWER HOOVER	30/30	30' VSGCM, 60' MUD, ITP21, ICIP 672, FCIP 672
3) 3004' - 3048'	LAYTON ZONE	30/30	GTS 70min, REC 2280', 140'SOGCM, 240'W, 1900'SW ITP 262, ICIP1164, FFP 990, FCIP 1198

TYPE LOG	LOGGING COMPANY	INTERVAL LOGGED	REMARKS
INDUCTION ELECTRIC	PETRO-LOG	3050' TO 1500'	ANALYSIS OF ALL LOGS SHOW NO POSSIBLE PRODUCTION IN UPPER HOOVER. IN LOWER HOOVER POSSIBLE FROM 2268' TO 2273'. (17% TRUE POROSITY, 60% GAS, 72% WATER) LAYTON POSSIBLE 2998' TO 3003' -- NO LOWER
COMPENSATED DENSITY	PETRO-LOG	3050' TO 1500'	
GAMMA RAY NEUTRON	PETRO-LOG	3050' TO 1500'	

PERFORATED INTERVALS:

PERFORATING COMPANY	TYPE GUN	NO. SHOTS PER FOOT
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PRODUCING FORMATION(S) _____ DEPTH, TOP OF FORMATION _____

ZONES TO BE TESTED BEFORE ABANDONMENT:

DATE FIRST PROD.	ZONE	BOPD	OIL GVTY.	BWPD	GAS MCFD.	GOR	BHP

FLOWING PRESSURE	CHOKE SIZE	SHUT IN PRESSURE
TUBING: _____	CASING: _____	TUBING: _____
PUMPING: _____	STROKE LENGTH _____	

ROSS-MARTIN CO. 74101 TULSA 315