

KANSAS

IMPORTANT

Kans. Geo. Survey request
samples on this well.

CONFIDENTIAL

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 025 — 20380
County Number

JUL 23 1980

S. 8 T. 30

Loc. C NW SW NE

State Geological Survey
WICHITA, KANSAS
BRANCH

County Clark

Operator

Ladd Petroleum Corporation

RELEASED

640 Acres
N

Address

P. O. Box 2848, Tulsa, Oklahoma

Date: 6/30/82

Well No.

1

Lease Name

Norton

FROM CONFIDENTIAL

Footage Location

1400

feet from (N)X(O)line

330 feet from (E) (W) line of NE/4

Principal Contractor

Raines and Williamson

Geologist

John Curtis

Start Date

7/28/80

Date Completed

Total Depth

5510

P.B.T.D.

5460'

Directional Deviation

None

Oil and/or Gas Purchaser

Elev.: Gr.

2567

DF 2573

KR 2575

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	12 1/4"	8-5/8"	24	641'	35/65 Poz + 6% gel + 10#/sk Kolite	250	1#/sk Cellotex + 3% CaCl ₂
			tailed by		Class "H"	200	3% CaCl ₂
production	7-7/8"	5 1/2"	14	5503'	50/50 Poz	200	18% salt
			tailed with		RFC	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		5280-84'
Size	Setting depth	Packer set at	2		5288-91'
2-3/8"		5215'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/1000 gals 7 1/2% spearhead acid & flush to perfs w/2% KCl wtr	5280-84 & 5288-91'
Acidized w/12 bbls 7 1/2% HCl spearhead acid w/7 ball sealers	" "
Frac well w/5000 gal 30# cross-link pad, 2000 gal w/1#/gal 20-40 sand, 4000 gals w/1#/gal 20-40 sand, 4000 gal w/1#/gal 20-40 sand, 6090 gal w/2#/gal 20-40 sand, flush w/32 gal 2% KCl water	" "

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
9/6/80		flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	157 bbls.	120 MCF	-- bbls.	764 CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
ST.			5280-84', 5288-91' (Morrow sand)		

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, 245 No. Water, Wichita, Kansas 67202. 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		Ladd Petroleum Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No.	1	Lease Name	Norton		
S 8 T 30 R 25 W					
WELL LOG				SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.					
FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH
DST #1 Morrow Sand		5280	5307	Stone Corral	1490
Top choke 5/8", Bottom Choke 3/4"				Cimarron	
Open 15" IH 2520.3				Anhydrite	1581
IF 410.6 to 533.5				Wellington	
ISIP 1604.9				Group	2029
Close 30"				Wellington	
Open 1 hr.				Salt	2107
FF 293.3 to 395.9				Hollenberger	2586
FSIP 1553.2				Herrington	2648
Close 2 hrs.				U. Krider	2684
Rec. 460' slightly mud-cut oil				L. Krider	2728
Sample chamber: 37 c.c. gas				Winfield	2786
Tr. oil				U. Ft. Riley	2839
No water				L. Ft. Riley	2874
48° API Gravity Oil				Florence	2918
				Wreford	3007
				Council Grove	3047
				Cottonwood LST	3126
				Neva	3188
				Wabaunsee	3677
				Topeka	3872
				Heebner Shale	4361
				Toronto	4381
				Lansing	4469
				Kansas City	4749
				Marmaton	5001
				Cherokee	5182
				Morrow Sand	5279
				Mississippian	
				St. Gen.	5302
				Mississippian	
				St. Louis	5360

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

Date Received	Signature Production Engineer Title 9/24/80 Date
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