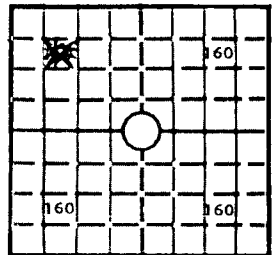


KANSAS DRILLERS LOG WICHITA BRANCH

API No. 15 — 189 — 20,353
County Number

Operator Mobil Oil Corporation		
Address P. O. Box 5444, Denver, Colorado 80217		
Well No. 2	Lease Name Carrie Winter Unit	
Footage Location 1250 feet from (N) (S) line 1250 feet from (X) (W) line		
Principal Contractor Mid-America Drilling Company	Geologist W. G. Werner	
Spud Date 6-18-77	Total Depth 3040'	P.B.T.D. 3014
Date Completed 8-12-77	Oil Purchaser Cities Service Gas Company	

S. 14 T. 31 R. 35 E
Loc. Approx C NW/4
County Stevens
640 Acres
N

Locate well correctly
Elev.: Gr. 2989'
DF KB 2996'

CASING RECORD

Report of oil 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
Conductor Pipe	20"	18"		39'			
Surface Casing	12-1/4	8-5/8"		598'	Regular Regular	200 100	12% GEL
Production Casing	7-7/8"	5-1/2"		3020'	65/35 Pozmix Regular	200 100	6% GEL 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	SDJ	2999-3008; 2959-62
					2940-54, 2927-30, 2919-22'
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8	seating nipple 2961'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gallons 15% NE Acid - set C.I.B.P. at 2980' & capped BP w/1 sack cement 2000 gallons 15% NE acid, reacidized w/3000 gallons 15% NE acid.	2999-3008'
85,000 gallons fresh water + 164,000 #20/40 sand	2919-62'

INITIAL PRODUCTION

Date of first production 12-19-77		Producing method (flowing, pumping, gas lift, etc.) Pumping	
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 720 MCF	Water bbls.
Disposition of gas (vented, used on lease or sold) Sold		Gas-oil ratio CFPB	

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. <u>2</u>	Lease Name Carrie Winter Unit		Gas	
S <u>14</u> T <u>31</u> S <u>R 35</u> ^{SEC} 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
Unconsolidated sands & clay	Surface	500	Cimarron	1733'
Redbeds	500	1118	Chase	2590'
Redbeds & Anhydrite	1118	1251	Council Grove	2907'
Sandstone, silty	1251	1450		
Redbeds	1450	1733		
Anhydrite & Salt	1733	1802		
Shale & Lime	1802	2248		
Shale, Lime & Anhydrite	2248	2590		
Lime & Shale	2590	3040		
RTD		3040		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	C. J. Park Production Accounting Supervisor 12-28-77 Date  Signature Title			