PI

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 163 (County) — 21174 (Number)

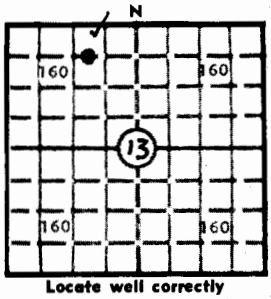
State Geological

S. 13 T. 9 R. 17 (W)

Loc. C W/2 - NE- NW

County Rooks

640 Acres N



Locate well correctly

Elev.: Gr. _____

DF _____ KB 2061

Operator: D. J. Markley	
Address: 211 W. 36th Hays, Kansas 67601	
Well No.: 3	Lease Name: Smith
Footage Location: 660' feet from (N) (S) line	990' feet from (E) (W) line
Principal Contractor: Pioneer Drlg Co	Geologist: Anthony J. Kruse
Spud Date: Dec 17 1980	Date Completed: Dec. 23 1980
Total Depth: 3479	P.B.T.D.: 0
Directional Deviation: 1 Degree	Oil and/or Gas Purchaser: CRA

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		8 5/8	28#	202.83	Common	85	8% Salt, 2% Gel 1/2% CFR2
Long String	7 7/8	5 1/2"	14#	3474'	Common	150	Same

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 1/2"	3472	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2pft		3227-3231, 3280-3283, 3288-3296, 3328-3332, 3370-3374, 3399-3401, 3' Open Hole Arb

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
7,250 Gal 15% Demulsion, 1000 Gal Per Zone. With 750 Gal In Open Hole Arbuckle.	See Above

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
1-30-81	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	6 bbls.	0 MCF	17 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Vented	

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No.	Lease Name	
S_____T_____R_____ 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

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

Date Received

D. J. Markley
Signature

OPERATOR-OWNER
Title

2-11-81
Date

017916

PI

13-9-17W

WELL LOG

OPERATOR: Don Markley

WELL NAME: Smith #3 LOCATION: W/2 NE NW 13-9S-17W

COUNTY: Rooks STATE: Kansas

WELL COMMENCED: December 17, 1980 WELL COMPLETED: December 23, 1980

ELEVATION: 2061' K.B. TOTAL DEPTH: 3479'

PRODUCTION: Oil RIG NO: #1

CASING - 8 5/8": 202.83' of used 28# cemented with 85 sxs common 2% gel 3% cc plugdown @ 5:30 P.M. cement circ

5 1/2": 3474' of new 14# cemented with 150 sxs common 8% salt 2% Gilsonite 1/2% CFR plugdown @ 1:15 P.M.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	193'			
193'	271'	sand and shale		
271'	1249'	sand and shale		
1249'	1304'	shale and sand		
1304'	1340'	Anhydrite		
1340'	1785'	shales and sand		
1785'	1961'	shale and lime		
1961'	1972'	shale and lime	1961' - 1 degree	
1972'	2189'	shale and lime		
2189'	2392'	shales and limes		
2392'	2633'	shale and lime		
2633'	2833'	lime and shale		
2833'	2970'	shales and limes		
2970'	2990'	shales and limes		
2990'	3113'	shale and lime		
3113'	3236'	limes and shales		
3236'	3260'	shales and limes		
3260'	3275'	shales and limes		
3275'	3290'			
3290'	3298'	shale and lime		
3298'	3338'	shale and lime	3338' - 1 degree	
3338'	3363'	lime and shale		
3363'	3395'	lime and shale		
3395'	3467'	lime and shale		
3467'	3479'	lime and shale		
3479'	RTD			

STATE OF KANSAS
COUNTY OF

The undersigned hereby certifies that to the best of his knowledge and belief, above facts are true and correct