

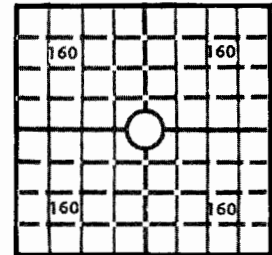
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 15 T. 8 R. 14 W

Loc. SW SE SE

County Osborne

640 Acres
N



Elev.: Gr. 1902'

DF 1904' KB 1907'

API No. 15 — 141 — 20,022
County Number

Operator Petroleum Management, Inc.		
Address 1515 Vickers KSB&I Building Wichita, Kansas		
Well No. #2	Lease Name Spears	
Footage Location 490' South feet from (N) (S) line		1150 East feet from (E) (W) line
Principal Contractor Red Tiger Drilling Co.		Geologist W. H. Petersen
Spud Date 8-10-73	Total Depth 2635'	P.B.T.D. --
Date Completed 9-26-73	Oil Purchaser KOCH	

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 Csg	12-1/4	8-5/8	28#	200	Quick Set HA-5	150	--
Production Csg	7-7/8	5-1/2	14#	2593	Common	50	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD				NONE	
Size	Setting depth	Packer set at			
2-3/8"	2595'	--			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal Mod 202	2586-89'
1500# 20-40 frac sand in 1500 gal oil	2604-06'

INITIAL PRODUCTION

Date of first production 10-15-73		Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 13.81 (Test Pumping) bbls.	Gas MCF	Water 43.00 bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 2626-2635'	

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.

#2

Lease Name

SPEARS

OIL

S 15 T 8 R 14 W

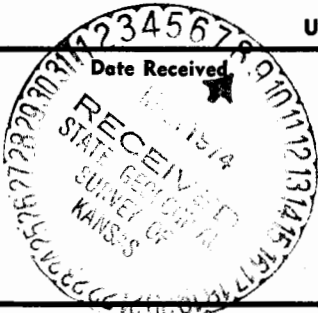
WELL LOG

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
Shale & Shells	0	220	Tarkio Sand	2626 -719
Shale	220	1116		
Anhydrite	1116	1149		
Shale	1149	1535		
Shale & Lime	1535	2395	R.T.D.	2635 -728
Lime	2395	2580		

USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.



Dale Silcott

Signature

Vice President

Title

2-18-74

Date