

KANSAS DRILLERS LOG

API No. 15 — County — Number —

Operator

Donald C. Slawson and Bruce Anderson

Address

408 One Twenty Building, Wichita, Kansas 67202

Well No.

3

Lease Name

#3 Berardo 'A'

Footage Location

2330' feet from (N) line 1000 feet from (E) line

Principal Contractor

Slawson Drilling Co., Inc.

Geologist

George Mueller

Spud Date

April 13, 1977

Total Depth

4746

P.B.T.D.

4679

Date Completed

April 26, 1977

Oil Purchaser

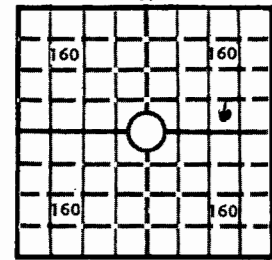
Koch

S. 3 T. 10 R. 33W E W

Loc. SW SE NE

County Thomas

640 Acres
N



Locate well correctly

Elev.: Gr. 3113

DF 3116 KB 3118

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#	415'	60/40 poz	250	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	4727'	50/50 poz	225	15% salt, 3/4 of 1% CFR-2, 5# per sx gilsonite, 500 gal mud flush, 10# sugar

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3/8" bullet	4587-90, 4598-4600
			1	3/8" bullet	4236, 4230, 4121, 4099
			2	golden jets	4231-38, 4128-30, 4096-4102

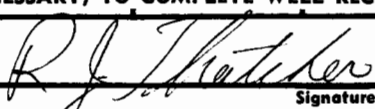
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3000 gal MOD-202	4587-90, 4598-4600
3000 gal NE-28	4236, 4230, 4121, 4099
250 gal 15% NE Acid	4231-38

INITIAL PRODUCTION

Date of first production	5/17/77	Producing method (flowing, pumping, gas lift, etc.)	pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 150 bbls.	Gas TSTM MCF	Water trace bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio N/A	CFPB
		Producing interval(s)	4587-4600

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 Donald C. Slawson		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil	
Well No. #3	Lease Name Berardo 'A'		
S 3 T 10 R 33W E 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
0 - 418 Surface hole			LOG TOPS
418 - 1666 Shale and Shells			ANH 2628 (+490)
1666 - 2199 Shale, Shells and Sand			B/ANH 2656 (+462)
2199 - 2638 Shale and Shells			HEEB 4007 (-889)
2638 - 2701 Anhydrite			TO'O 4029 (-911)
2701 - 2845 Shale and Shells			LANS 4048 (-930)
2845 - 3983 Lime and Shale			STK 4264 (-1146)
3983 - 4048 Lime			B/KC 4323 (-1205)
4048 - 4110 Lime and Shale			MARM 4352 (-1234)
4110 - 4533 Lime			PAWN 4454 (-1336)
4533 - 4615 Lime and Shale			L/CK 4540 (-1422)
4615 - 4746 Lime			JH ZN 4585 (-1467)
4746 RTD			B/SD 4626 (-1508)
			MISS 4640 (-1522) or
			4646 (-1528)
			LTD 4730 (-1612)
DST #1 4015-4048 (TORO), 30-45-45-60, Rec. 110' MSW, 40' M w/spts oil, IFP 37-75#, ISIP 1100# FFP 75-131#, FSIP 1025#, 120° DST #2 4070-4110 (Prk failed) DST #3 4068-4110 (35&50' zn), 30-45-45-60, FB Rec. 375' TF, 123' CO 29°, 126' MO (50% O), 126' OCM (10% O, NW), IFP 37-84#, ISIP 1306#, FFP 93-177#, FSIP 1306# DST #4 4125-4135 (70' zn), 30-45-45-60, F-WBTO, Rec. 45' CO 31°, 63' MO (68% O) IFP 28-37#, ISIP 1268#, FFP 56-56#, FSIP 1250# Drlg @ 4212' DST #5 4176-4220 (140' zn) 30-45-45-60, SBTO Rec. 1330' SW w/scum oil on top, IFP 47-307#, ISIP 1294#, FFP 317-605#, FSIP 1294# DST #6 4219-4250 (160' zn) 30-45-45-60, SB/OB/2", Rec. 1450' GIP, 1950' CGO, IFP 56- 373#, ISIP 1250#, FFP 392-690#, FSIP 1250# DST #7 4258-4277 (180' zn), 30-30-30-30, Rec. 10' Wtry mud, IFP 19-19#, ISIP 37# FFP 28-28#, FSIP 37# DST #8 4538-4615 (JH ZN) 30-45-45-60, SB, Rec. 625' MO, IFP 37-186#, ISIP 745#, FFP 186-261#, FSIP 540# & rising			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature R.J. Thatcher Title July 19, 1977 Date		

5576L