

**KANSAS DRILLERS LOG**

S. 3 T. 10 R. 33W <sup>E</sup>/<sub>W</sub>

API No. 15 — \_\_\_\_\_  
County \_\_\_\_\_ Number \_\_\_\_\_

Loc. \_\_\_\_\_ C NE

County \_\_\_\_\_ Thomas

Operator  
Donald C. Slawson & Bruce Anderson

Address  
408 One Twenty Building, Wichita, Kansas 67202

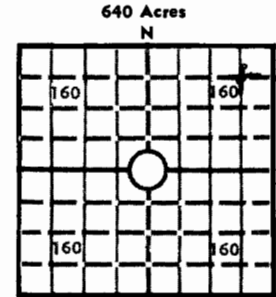
Well No. #1 Lease Name Berardo 'A'

Footage Location  
1300 feet from (N) ~~line~~ 1320 feet from (E) ~~line~~

Principal Contractor Slawson Drilling Company, Inc. Geologist Ralph Ruwwe

Spud Date February 9, 1977 Total Depth 4745' P.B.T.D. 4679

Date Completed March 1, 1977 Oil Purchaser Koch



Locate well correctly  
Elev.: Gr. 3121

DF 3123 KB 3126

**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	12½"	8 5/8"	28#	337'	60/40 poz	225	2% gel, 3% cc
Production	7 7/8"	4½"	12½#	4725'	50/50 poz	225	18% salt, 75% CFR-2 500 gal mud flush 10 lb sugar

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3/8" bullet	4590-93 & 4597-4600
<b>TUBING RECORD</b>			2	golden jets	4252-58, 4231-39 4202-04
			1	3/8" bullet	4254, 4237, 4232 4203

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
3000 gal MOD-202	4590-93 & 4597-4600
3000 gal NE-28	4254, 4237, 4232, 4203

**INITIAL PRODUCTION**

Date of first production March 16, 1977		Producing method (flowing, pumping, gas lift, etc.) pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 180 BOPD	Gas none	Water Trace	Gas-oil ratio N/A	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) 4590-93, 4597-4600		

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 and Bruce Anderson DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil


Well No. #1 Lease Name Berardo 'A'

S 3 T 10 R 33 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
0 - 340 Surface hole			LOG TOPS	
340 - 2635 Shale and Shells			ANH 2635 (+491)	
2635 - 2670 Anhydrite			B/ANH 2664 (+462)	
2670 - 2701 Shale and Shells			WAB 3668 (-542)	
2701 - 3100 Shale			HEEB 4008 (-882)	
3100 - 3715 Shale and Lime			TORO 4031 (-905)	
3715 - 3740 Shale			LANS 4053 (-927)	
3740 - 4046 Shale and Lime			STK 4263 (-1137)	
4046 - 4570 Lime			PAWN 4456 (-1330)	
4570 - 4615 Lime and Shale			L/CK 4540 (-1414)	
4615 - 4632 Lime			JH ZN 4586 (-1460)	
4632 - 4745 Lime and Shale			MISS 4630 (-1504)	
4745 RTD			LTD 4744 (-1618)	
DST #1 4015-4046, TORO, 30-45-45-60, WBTO, Rec. 6' O, 70' VSOCM, IFP 36-52#, ISIP 1239#, FFP 52-60#, FSIP 1231# DST #2 4072-4111 (35&50' zns), GB on init, WB on final, 30-45-45-60, Rec. 1' Oil, 145' OCM (10% O), NW, IFP 35-69#, ISIP 1170#, FFP 69-86#, FSIP 1119# DST #3 4134-4152, 70&90' zns, SBTO, 30-45-45-60, Rec. 5' Oil, 80' VSOCM, 715' SW, IFP 52-189#, ISIP 1308#, FFP 189-363#, FSIP 1308# DST #4 4187-4220 (120-140' zns), 30-45-45-60, SBTO, Rec. 820' CGO 31° (99% O, 1% M&W), IFP 52-172#, ISIP 1291#, FFP 207-293#, FSIP 1274# DST #5 4217-4250 (160' zn), 30-45-45-60, SBTO, Rec. 750' GIP, 2410' CGO 41°, IFP 103-499#, ISIP 1308#, FFP 499-861#, FSIP 1290# DST #6 4240-4272 (180' zn) Pkr failed. DST #7 4257-4272 (180' zn), 30-45-45-60, W-SB, Rec. 150' GIP, 50' FO 40°, 30' HOCM (40% O) IFP 26-36#, ISIP 1351#, FFP 36-52#, FSIP 1343# (charts show damage) DST #8 4288-4330, (220' zn), 30-45-45-60, SBTO, Rec. 430' GIP, 640' CGO 42° 50% O, 50% M), IFP 224-258#, ISIP 284#, 275-275#, FSIP 284#, HP 2122-2070# DST #9 4288-4330 (Re-test 220' zn), 30-45-45-60, SBTO, Rec. 2450' GIP, 440' CGO 42°, 160' MO (80% O, 20% M), IFP 86-207#, ISIP 258#, FFP 207-241# FSIP 250# DST #10 4446-75 (PAWN) 30-45-30-60, WB died/50", Rec. 10' M w/scum oil, IFP 26-26#, ISIP 172#, FFP 26-26#, FSIP 86# DST #11 4536-4615 (JH ZN) 30-45-45-60, SBTO, Rec. 1700' CGO 26° corr, (bgo 60% O, 40% M), IFP 69-396#, ISIP 1170#, FFP 405-689#, FSIP 1162#				

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

Date Received	
	R.J. Thatcher
	Signature
	Title
	May 3, 1977
	Date

EG96L

WELL LOG

OPERATOR: Donald C. Slawson & Bruce Anderson  
408 120 Building  
Wichita, Kansas 67202

LEASE: #1 Berardo 'A'  
C NE Sec. 3-10-33W  
Thomas County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.

COMMENCED: February 9, 1977

COMPLETED: March 1, 1977

CASING: Surface - 8 5/8" @ 337' w/225 sx 60/40 poz  
Production - 4 1/2" @ 4725' w/225 sx 50/50 poz

0 - 340	Surface hole
340 - 2635	Shale and Shells
2635 - 2670	Anhydrite
2670 - 2701	Shale and Shells
2701 - 3100	Shale
3100 - 3715	Shale and Lime
3715 - 3740	Shale
3740 - 4046	Shale and Lime
4046 - 4570	Lime
4570 - 4615	Lime and Shale
4615 - 4632	Lime
4632 - 4745	Lime and Shale
4745	RTD

STATE OF KANSAS            )  
                                  )        SS.  
COUNTY OF SEDGWICK        )

I, R.J. Thatcher, of the Slawson Drilling Company, Inc. upon oath state that the above and foregoing is a true and correct copy of the log of the #1 Berardo 'A' well.