

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 039 — 20,516
County Number

Operator
Vera Cruz Petroleum

Address 6312 S. Helena, Spokane, WA 99203

Well No. AX 10 Lease Name Atherton

Footage Location
1320 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor Excell Geologist Green

Spud Date 10/31/80 Date Completed 11/13/80 Total Depth 3604 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser Koch

5-1-26w
5 WICHITA, KANSAS
T. 15 R. 20 W
Loc. C E2 SW4
County Decatur
640 Acres
N
[Grid with well location marked '5']
Locate well correctly
Elev.: Gr. 2489
DF KB

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	7.625	20	189.9	Common	145	2% Gel
Casing	6 3/4	4.5	9.5	3614	50/50 Poz 50/50 Poz	25 125	2% Gel 12.5% Gils 2% Gel 18% S-IT

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet	3436-3440
			4	Jet	3416-3420 3304-3308
			4	Jet	3290-3292 3262-3264

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
acid 1000 gal	each of the above intervals

INITIAL PRODUCTION

Date of first production 1-1-81	Producing method (flowing, pumping, gas lift, etc.) pump
RATE OF PRODUCTION PER 24 HOURS Oil 20 bbls. Gas — MCF Water 5 bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)

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 Vera Cruz

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
Oil

Well No. AX 10

Lease Name Atherton

S 5 T 1s R26 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
Limp	3262	3264	KC ↓	
"	3270	3292		
"	3304	3308		
"	3416	3420		
"	3436	3440		
Reagan Sand	3520	3578	Reagan sand	

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

Date Received	Signature
	Title
	Date 2/25/81