

WELL COMPLETION REPORT AND DRILLER'S LOG

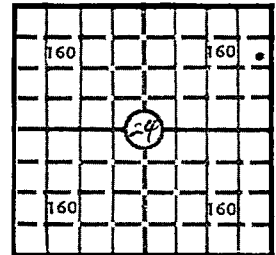
State Geological Survey

S. 24 ~~WICHSR. 18~~ ^E ~~W~~

Loc. 16SWEL 16SNL NE4

County Neosho

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

API No. 15 — 133 — 21,746
County Number

Operator Vera Cruz Petroleum

Address 6312 S. Helena, Spokane WA.

Well No. T-13 Lease Name Cheney

Footage Location 165 feet from (S) line 165 feet from (E) line

Principal Contractor Washburn Drilling Geologist _____

Spud Date 7-5-80 Date Completed 7-11-80 Total Depth 788 P.B.T.D. _____

Directional Deviation _____ Oil and/or Gas Purchaser Sq Deal

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
<u>Casing</u>	<u>5 7/8</u>	<u>2 7/8"</u>	<u>6.5</u>	<u>788</u>	<u>Port</u>	<u>85</u>	<u>1% calc.</u>
<u>Surface</u>	<u>8</u>	<u>6</u>	<u>15</u>	<u>60</u>	<u>"</u>	<u>15</u>	<u>"</u>

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			<u>4</u>	<u>2 7/8 Glass</u>	<u>732-746</u>

Size	Setting depth	Packer set at
<u>1"</u>	<u>725</u>	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>Water + Sand 9,000#</u>	<u>732-746</u>

INITIAL PRODUCTION

Date of first production <u>8-5-80</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pump</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>1/2</u> bbls. Gas <u>—</u> MCF Water <u>9</u> bbls. Gas-oil ratio _____ CFPB
Disposition of gas <u>vented</u> used on lease or sold)	Producing interval(s) <u>.732-746</u>

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 Uera Cruz DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil

Well No. t-13 Lease Name Cherkey

S 24 T 28 R 18 E 1/2

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 + lime	0 -	732		
oil sand	732	746	Bartlesville	
shale	746	70		

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

Date Received	<u>W. Throop</u> Signature
	<u>Sec.</u> Title
	<u>8-25-80</u> Date