

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ADD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5988
Name: Halliburton Oil Producing Co.
Address 525 Central Park Drive
Central Park I, Suite 210
City/State/Zip Oklahoma City, OK 73105
Purchaser: Total Petroleum, Inc. 06884
Operator Contact Person: Karol Claypool
Phone (316) 234-5304
Contractor: Name: Abercrombie Drilling, Inc.
License: 5422
Wellsite Geologist: William Sladek

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:
Operator: N/A
Well Name: -
Comp. Date - Old Total Depth -

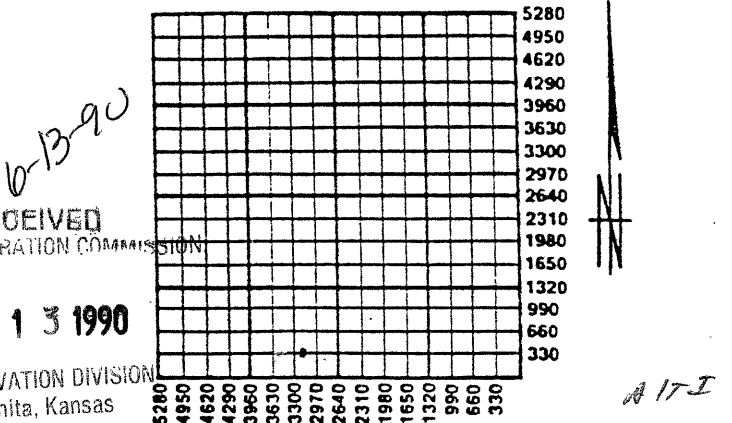
Drilling Method:
 Mud Rotary Air Rotary Cable
04-04-90 04-09-90 4/27/90
Spud Date Date Reached TD Completion Date

API NO. 15- 039-20,863-00-00
County Decatur
E/2 SW SE
SW 200' E Sec. 33 Twp. 3S Rge. 28 East West

330 Ft. North from Southeast Corner of Section
3265 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Vavroch Well # 16
Field Name Vavroch

Producing Formation Lansing A,B,C,D,G,H,J
Elevation: Ground 2720 KB 2725
Total Depth 3950' PBDT 3926'



Amount of Surface Pipe Set and Cemented at 269 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3948'
feet depth to Surface w/ 400 sx cm.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature James E. Richardson
Title Vice President Date 6/12/90
Subscribed and sworn to before me this 12th day of June,
19 90.
Notary Public Julie A. Washam
Julie A. Washam
Date Commission Expires 5-12-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

PI
X

SIDE TWO

Operator Name Halliburton Oil Producing Co. Lease Name Vavroch Well # 16
 Sec. 33 Twp. 3S Rge. 28 East West
 County Decatur

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Heebner Shale	3667	3673
Lansing	3711	3906
Base/Kansas City	3906	

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	20#	269'	60/40 poz	165	2% gel, 3% cc
Production	7-7/8"	5 1/2"	14#&15#	3948.94'	HDL	265	1/2# Flocel per sk
					EA-2	135	5% cal, 10% salt-
		400# Salt Flush-500 gal.		Super K	Flush		4% Halide 322 salt- 25% Deaire

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	'J' 3860-64, 3853-57	500 gal 15% MCA	
4	'H' 3820-30	500 gal 15% MCA	
4	'G' 3791-98	500 gal 15% MCA	
4	'C' & 'D' 3749-57	-----	
4	'B' 3738-42	-----	
4	'A' 3716-24	500 gal 15% MCA	

TUBING RECORD Size 2-7/8" Set At 3845' Packer At N/A Liner Run Yes No

Date of First Production 5-1-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4.5	Trace	500	N/A	37°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval 3716-3860 OA
 Other (Specify) _____