

ORIGINAL

SIDE ONE

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

API NO. 15- 175-21,136-0000

County Seward

N/2 NE Sec. 36 Twp. 32 Rge. 34 X East West

Operator: License # 03122

4950 Ft. North from Southeast Corner of Section

Name: Vintage Petroleum, Inc.

1320 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 4200 One Williams Center

Lease Name Hitch Well # 3-36

City/State/Zip Tulsa, OK 74172

Field Name Hitch

Purchaser: Vintage Pipeline, Inc.

Producing Formation Morrow Upper

Operator Contact Person: Cindy Helms

Elevation: Ground 2883 KB

Phone (918) 592-0101

Total Depth 5930' PBDT 5863'

Contractor: Name: Gabbert Jones

License: 5842

Wellsite Geologist: L. Marc Harvey

Designate Type of Completion

X New Well Re-Entry Workover

 Oil SWD Temp. Abd.

X Gas Inj Delayed Comp.

 Dry Other (Core, Water Supply, etc.)

If **OWHO**: old well info as follows:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

3/31/90 4/9/90 5/7/90

Spud Date Date Reached TD Completion Date

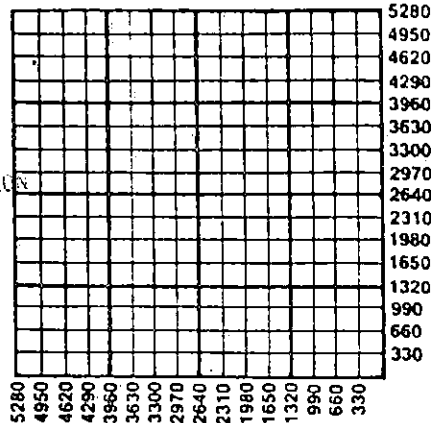
Amount of Surface Pipe Set and Cemented at 1650 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2787 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.



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STATE CORPORATION COMMISSION
7-12-90
JUL 2 1990
CONSERVATION DIVISION
Wichita, Kansas

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 G. A. Helms

Title Manager, Regulatory Affairs Date 7/10/90

Subscribed and sworn to before me this 10 day of July 19 90.

Notary Public Jaya M. Cohnie

Date Commission Expires 1-19-94

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)

X. P1

ORIGINAL

SIDE TWO

Operator Name Vintage Petroleum, Inc. Lease Name Hitch Well # 3-36

Sec. 36 Twp. 32 Rge. 34 East West County Seward

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.)

SEE ATTACHED...

Formation Description		
Name	Top	Bottom
Toronto	4225	
Lansing	4345	
Morrow Shale	5594	
Morrow Sand	5612	

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	12-1/4"	38 its 8-5/8"	24#	1650'	HLC	670	2% CaCl ₂
Production	7-7/8"	141 its 4-1/2"	10.5#J-55	5927'	Thixset	500	5% KCL
2nd Stage	7-7/8"	4-1/2"	10.5#J-55	2787'	Class "H"	275	3% KCL

(Stage Tool)

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5640-49'	750 Gal 7-1/2 HCL 10,500 Gal 700 N ₂ Foam & 27,000 # 20/40 ² Sd	

TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8"	5581	5581'	

Date of First Production 5/14/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		0		238		0	238,000/1	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 5641 - 49'

DST #1 - 5642' - 5740'

Initial Hydrostatic 2784 psi, Initial flow (30 min.) 129-145 psi, Initial shut in (60 min.) 1707 psi, Final Flow (70 min.) 129-161 psi, Final shut in (120 min.) 1691 psi, Final Hydrostatic 2768 psi. Had gas to surface in 17 min. with a flow rate of 177 MCFD @ 20 psi. Drill pipe recovery was 180' of gas cut mud. BHT was 129^oF. Final shut in pressure did not reach static level.

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