

WELL FILE
CO OF KANSAS

SIDE ONE

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

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

ORIGINAL

County Seward

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

4950 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Hitch Well # 3-36

Field Name Hitch

Producing Formation Morrow Upper

Elevation: Ground 2883 KB

Operator: License # 03122
Name Vintage Petroleum, Inc.
Address 4200 One Williams Center
City/State/Zip Tulsa, OK 74172

Purchaser Vintage Pipeline, Inc.

Operator Contact Person Leann Ogee
Phone 918 592-0101

Contractor: License # 5842
Name Gabbert Jones

Wellsite Geologist L. Marc Harvey
Phone

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

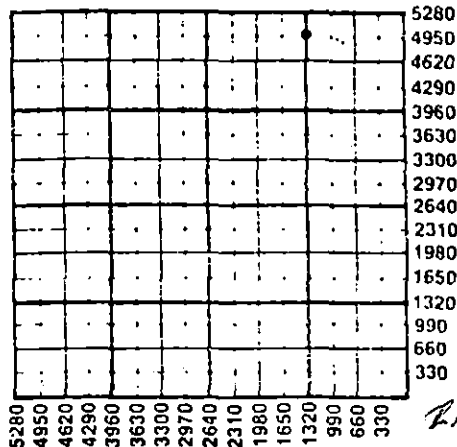
If ONWO: old well info as follows:
Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3-31-90 4-9-90 5-7-90
Spud Date Date Reached TD Completion Date
5930' 5863'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1650 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2787' feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name Halliburton
Invoice # 918200

Section Plat



Info only

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # N/A

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West
Hitch Farms, Inc.

Other (explain) P.O. Box 1308, Guymon, OK 73942
(purchased from city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Leann Ogee
Title Supervisor, Regulatory Affairs Date 6/7/90

Subscribed and sworn to before me this 12th day of June 1994
Notary Public Joyce M. Cochran
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
RECEIVED
STATE CORPORATION COMMISSION
AUG 4 1992

Form ACO-1 (5-86)
8-4-92 CONSERVATION DIVISION
Wichita, Kansas

PHONE
318 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67801

SEC. 36
TWP. 32S
RDE. 34W
COUNTY Seward
STATE Kansas
TICKET NO. 2885

Vintage Petroleum, Inc.
OPERATOR
Hitch #3-36
WELL NAME & NO.
TEST #
5642' - 5740'
TEST INTERVAL

Formation Morrow Type Test Tailpipe Straddle Date April 11, 1990
Anchor Length and Size 98'; 61' X 6" OD-D.C., 37' X 4 1/2" OD-Perf. Total Depth 5927'
Packer Depths 5637' & 5642' Below Straddle 5740' Choke Size Bottom 5/8" Surface 1"
Equipment Run 3 Packers, Jars, Sample Chamber, Straddle Assembly, Sfty. jnt., Circ. sub.

Lengths: Tool 318' D. P. 5255' ID 3.8" Wt. P. _____ ID _____ D. C. 389' ID 2.25"
Mud Type Chemical Vls. 46 Wt. 9.0 Wtr. Loss 10.0 Cl. 2100 ppm
Recorders:
Depth 5659' Make Kuster Cap. 6500 Ser. No. 10269 Inside
Depth 5667' Make Kuster Cap. 6800 Ser. No. 10217 Outside
Depth 5747' Make Kuster Cap. 6450 Ser. No. 10268 Below Straddle

Pressures:
Tool on Bottom @ 6:30 A.M. Initial Hydrostatic 2752 psi
Initial Flow 30 Min. IFP 116 psi to 132 psi
Initial Shut-In 60 Min. ISIP 1684 psi
Final Flow 70 Min. FFP 122 psi to 148 psi
Final Shut-In 118 Min. FSIP 1662 psi
Tool off Bottom @ 11:10 A.M. Final Hydrostatic 2745 psi Temp. 129

Blow: Strong. Gas to surface in 17 min.

Recovery: 180' Gas Cut Mud. Top sample- 6,000 PPM Cl.
Bottom Sample- 23,000 PPM Cl.

Gas Flow: 177 MCF/D @ end of final flow. (see attached sheet)

Sampler Data:
Pressure 95 PSI
Gas 0.375 cu. ft.
Total Fluid 700 cc
Oil -- cc
Water -- cc
Mud 700 23,000 PPM Cl. cc
Oil Gravity _____ @ _____ °F.
Gas/Oil Ratio _____

Remarks:
Clock stopped in below straddle recorder but there is enough time to determine the below straddle packer did hold.

RECEIVED
STATE CORPORATION COMMISSION

Tester Butch Young Witnessed by: Gregory Deavers **AUG 4 1992**

CONSERVATION DIVISION
Wichita, Kansas



P.O. Box 1182

Liberal, Kansas 67901

Company Vintage Petroleum, Inc. Well Hitch #3-36

Test # 1 Interval 5642' - 5740'

Method of Gauge Merla 2'' Quick-Change Orifice Well Tester

Time	Gauge	Orifice Size	Gas Volume MCF/D
Initial Flow			
20 min.	3.5 PSI	1/4"	17.1 MCF/D
30 "	13 "	"	35.9 "
Final Flow			
10 min.	11 PSI	1/2"	121 MCF/D
20 "	12 "	"	129 "
30 "	14 "	"	141 "
40 "	15 "	"	147 "
50 "	17 "	"	159 "
60 "	18 "	"	166 "
70 "	20 "	"	177 "

Surface Choke 1" Bottom Choke 5/8"

Remarks: Gas to surface in 17 min.

Pressure Break Down

Test ticket no. 2885 Recorder no. 10269 Capacity 6500 Rec. Depth. 5659'

	Time	Given 30	Computed 30
Initial Flow pressure <u>116</u> to <u>132</u>			
Initial Closed in pressure <u>1684</u>		<u>60</u>	<u>60</u>
Final Flow pressure <u>122</u> to <u>148</u>		<u>70</u>	<u>70</u>
Final Closed-in pressure <u>1662</u>		<u>120</u>	<u>118</u>
Initial Hydrostatic pressure <u>2752</u>	Final Hydrostatic press. <u>2745</u>		Temp <u>129</u>

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	--	0	132	0	--	0	148
5	116	3	1009	5	122	3	1196
10	119	6	1363	10	122	6	1469
15	122	9	1533	15	125	9	1565
20	122	12	1601	20	132	12	1604
25	125	15	1643	25	135	15	1623
30	132	18	1659	30	138	18	1633
35		21	1668	35	138	21	1639
40		24	1675	40	141	24	1643
45		27	1678	45	141	27	1646
50		30	1681	50	141	30	1649
55		33	1684	55	145	33	1649
60		36	1684	60	145	36	1652
65		39	1684	65	145	39	1652
70		42	1684	70	148	42	1652
75		45	1684	75		45	1655
80		48	1684	80		48	1655
85		51	1684	85		51	1655
90		54	1684	90		54	1655
95		57	1684	95		57	1655
100		60	1684	100		60	1659
105		63		105		63	
110		66		110		66	1659
115		69		115		69	
120		72		120		72	1659
		75		125		75	
		78		130		78	1659
		81		135		81	
		84		140		84	1659
		87		145		87	
		90		150		90	1662
		93		155		93	
		96		160		96	1662
		99		165		99	
		102		170		102	1662
		105		175		105	
		108		180		108	1662
		111				111	
		114				114	1662
		117				117	
		120				118x20K	1662

XX

Sample Number: 90- 55
0.

DEAN'S TESTERS, INC.
NATURAL GAS ANALYSIS REPORT
316-624-7340

Operator: VINTAGE PETROLEUM IN
Well Name: HITCH #3-36
Location: sec 36 twp 32 rse 34
County: SEWARD
State: KANSAS

Analysis Date: 4-12-90
Sample Date: 4-11-90
Sample Pressure: psia
Sample Temperature:

Sample Source: DST #1
Formation: MORROW

Perfs from: 5642 TO 5740

Requested by: VINTAGE PETRO.
Sampled by: BUTCH YOUNG

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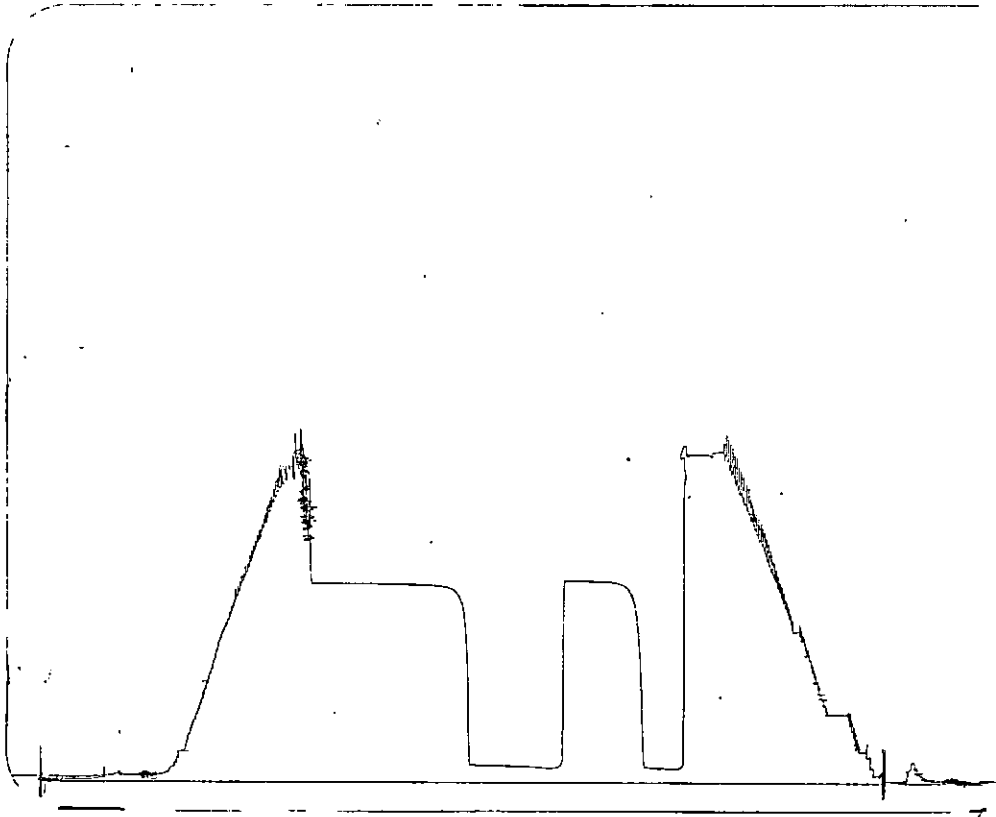
NATURAL GAS ANALYSIS

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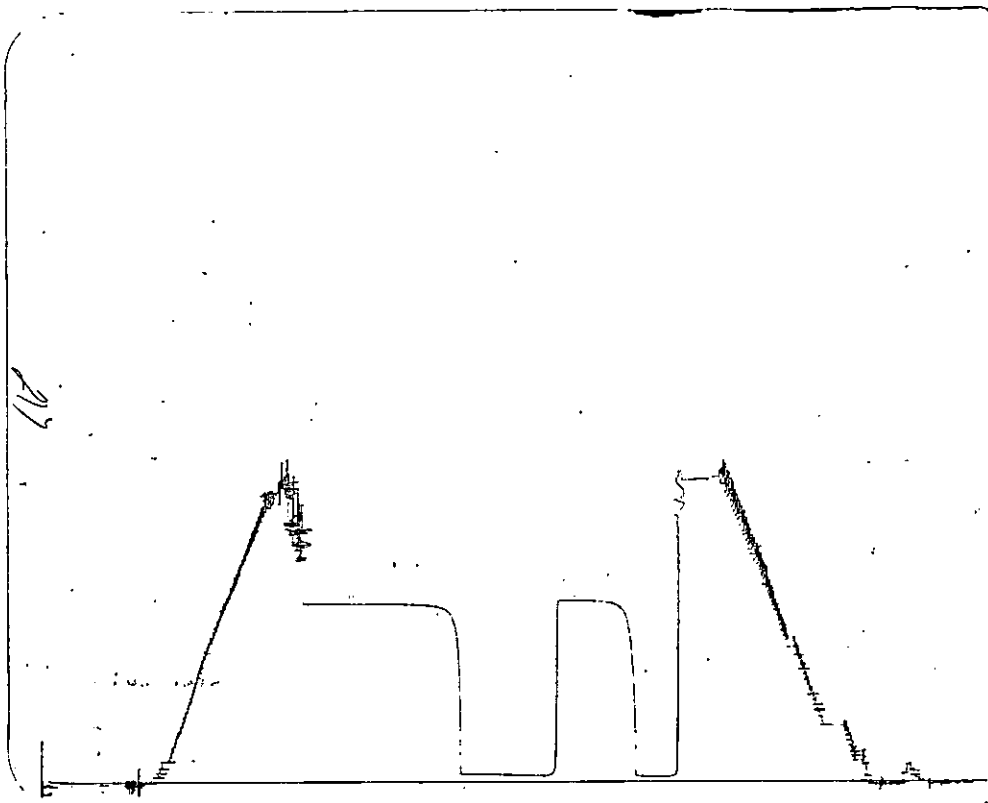
NAME	MOLEX	B. T. U.	COMP	SP. GR.	GPM
HELIUM	0.162	0.	0.	0.0002	0.
HYDROGEN	0.	0.	0.	0.	0.
OXYGEN	0.	0.	0.	0.	0.
HEXANES+	0.166	8.386	0.0015	0.0053	0.0724
NITROGEN	0.584	0.	0.0058	0.003	0.
METHANE	83.579	831.4439	0.0342	0.4629	0.
CO2	0.21	0.	0.0021	0.0032	0.
ETHANE	4.327	75.4153	0.0429	0.0449	0.
PROPANE	2.068	51.2471	0.0204	0.0315	0.5698
ISOBUTANE	0.194	6.2134	0.0019	0.0039	0.0635
N-BUTANE	0.45	14.4576	0.0043	0.009	0.1419
ISOPENTANE	0.115	4.5316	0.0011	0.0029	0.0421
N-PENTANE	0.145	5.7253	0.0014	0.0036	0.0525
TOTALS:	100.	997.42	0.996	0.6505	0.9422

BTU/Cu. Ft. (saturated, 60F, 14.73 psia): 997.42
BTU/Cu. Ft. (dry, 60F, 14.73 psia): 1015.07

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Initial Hydrostatic _____ 2752 _____ psi
 IFP _____ 116 _____ psi to _____ 132 _____ psi
 ISIP _____ 1684 _____ psi
 FFP _____ 122 _____ psi to _____ 148 _____ psi
 FSIP _____ 1662 _____ psi
 Final Hydrostatic _____ 2745 _____ psi



892

Below Straddle

