

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

Operator: License # 5992  
Name Patton Oil Co.  
Address 5990 S. Syracuse Street  
# 225  
City/State/Zip Englewood, CO 80111

Purchaser Permian Corp.  
P.O. Box 1183, Houston, TX 77251-1183

Operator Contact Person John W. Smith  
Phone (303) 773-6016

Contractor: License # 5122  
Name Woodman-Iannitti Drlg. Co.

Wellsite Geologist Mack Armstrong  
Phone (316) 722-5141

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  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

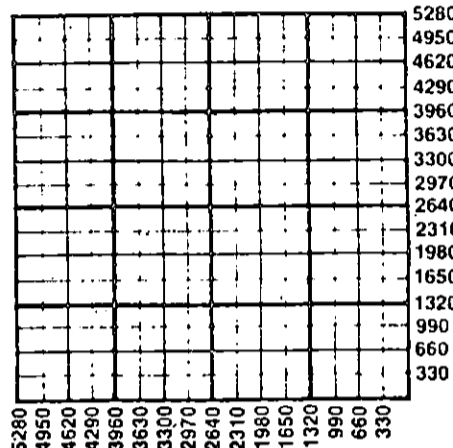
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-31-85 11-7-85 11-29-85  
Spud Date Date Reached TD Completion Date  
4500' 4474'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 486 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated N/A  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

API No. 15-047-21-259-0060  
County Edwards  
Irregular Sec. 3 Twp. 26 Rge. 16 East  
5120 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Stapleton Well # 2  
Field Name Wil  
Producing Formation Kinderhook Sand  
Elevation: Ground 2080! KB 2085!

Section Plat



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 #

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

Other (explain) Southwestern College...  
(purchased from city, R.W.D. #)  
c/o SAS, Box 3b, Bazine, KS 67156

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 John W. Smith  
Title President Date 1-8-86

Subscribed and sworn to before me this 8th day of January 1986  
Notary Public Martha Seidel

Date Commission Expires September 18, 1989

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rap NGPA  
KGS Plug Other  
(Specify)

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STATE CORPORATION COMMISSION Form ACO-1 (7-84)

APR 3 1986

SIDE TWO

Operator Name Patton Oil Co. Lease Name Stapleton Well # 2

Sec. 3 Twp. 26 Rge. 16  East  West County Edwards

WELL LOG

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		Formation Description		
	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Red Bed & Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Anhydrite	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale & Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale & Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Shale & Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
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Shale & Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Lime & Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Lime & Shale	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Sand, Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Lime	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

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"	8-5/8"	24#	486'	Common	275	3% CC 2% Gel
Production	7-7/8"	5-1/2"	15.5#	4498'	Common	150	10% Salt 10 Bbl. Flush

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4413-4426	Acidized w/750 gal of 15%MCA Frac w/21,000# of 20/40 sd & 15,000# of 10/20 sd w/620 bbls of 1% gel acid	PBTD 4474

TUBING RECORD Size 2 3/8" Set At 4400 Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 10/12/85 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	25 Bbls	MCF	50 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) ..... 4413-26  
 Dually Completed  Conningled

ATTACHED TO AND MADE A PART OF ACO-1  
 API# 15-047-21,259  
 Patton Oil Co.  
 Stapleton #2  
 5120 FSL & 2310 FEL  
 Sec. 3-26-16W  
 Edwards County, Kansas

DST NO. 1  
 4375-4390 feet

Open 30 minutes, weak blow slowly building to bottom of bucket in 23 minutes. Shut-in 60 minutes. Open 60 minutes, strong blow off bottom of bucket immediately, gas-to-surface in 23 minutes. Shut-in 120 minutes.

Recovery: 90 feet of drilling mud

Initial Hydrostatic Head	2329 psi
Initial Flow Pressure	64-54 psi
Initial Shut-in Pressure	183 psi
Final Flow Pressure	54-54 psi
Final Shut-in Pressure	183 psi
Final Hydrostatic Head	2301 psi
Temperature	112°

	<u>Time(Min.)</u>	<u>Choke</u>	<u>IOW</u>	<u>Rate(MCFD)</u>
Second Open	30	1/4"	21	7.18
	40	"	25	7.83
	50	"	28	8.28
	60	"	32	8.84

DST NO. 2  
 4417-4448 feet

Open 10 minutes, strong blow off bottom of bucket in 5 minutes. Shut-in 30 minutes. Open 60 minutes, strong blow immediately. Shut-in 180 minutes. Gas-to-surface 60 minutes into final shut-in period.

Recovery: 50 feet of drilling mud  
 60 feet of oil and gas cut watery mud  
 (2% oil, 3% gas, 45% wat, 50% mud)  
 60 feet of oil and gas cut salt water  
 (2% oil, 2% gas, 4% mud, 92% water  
 64,000 chl)

Initial Hydrostatic Head	2422 psi
Initial Flow Pressure	64-54 psi
Initial Shut-in Pressure	853 psi
Final Flow Pressure	64-64 psi
Final Shut-in Pressure	614 psi
Final Hydrostatic Head	2394 psi
Temperature	118°

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CONSERVATION DIVISION  
 Wichita, Kansas