

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 Company
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 Macklin M. 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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-21-85 10-29-85 19 Nov...85
Spud Date Date Reached TD Completion Date
4515' 4474'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 50.5 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. 15-047-21-260-0000
County Edwards
IRREGULAR SECTION
NW Sec 3 Twp 26 Rge 16 East
X West

5560 Ft North from Southeast Corner of Section
3020 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

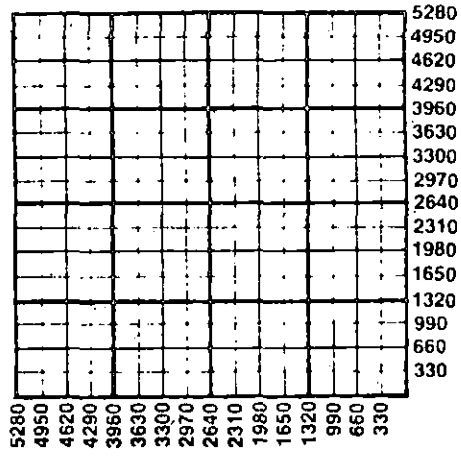
Lease Name Southwest College Well # 12

Field Name Wil

Producing Formation Kinderhook Sand

Elevation: Ground 2072 KB 2077

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 # Applied For

Groundwater...Ft North from Southeast Corner
(Well) ...Ft West from Southeast Corner of
Sec 3 Twp 26 Rge 16 East West

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

Other (explain)
(purchased from city, R.W.D. #)

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 John W. Smith
Title President Date 1-8-86
Date 4-17-86

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

Subscribed and sworn to before me this 17th day of April 1986
Notary Public Audrey Nakata
Date Commission Expires 8/22/89

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Sec 3 Twp 26 Rge 16 East

SIDE TWO

Operator Name Patton Oil Company Lease Name Southwest College Well # 12

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description		
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Bottom
Sand	0	225	Topeka	3313	
Shale	225	260	Heebner	3757	
Shale	260	290	Toronto	3776	
Sand	290	360	Douglas	3795	
Shale	360	509	Brown Lime	3902	
Red Bed & Sand	509	990	Lansing	3921	
Red Bed	990	1038	Base/Kansas City	4178	
Anhydrite	1038	1053	Pawnee	4332	
Shale	1053	1950	Fort Scott	4364	
Shale	1950	2182	Cherokee Sand	4373	
Shale & Lime	2182	2482	Conglomerate	4404	
Shale	2482	2630	Kinderhook Sand	4442	
Shale	2630	2915	Viola	4497	
Lime	2915	3175	Total Depth	4517	
Lime	3175	3390			
Lime	3390	3576			
Lime & Shale	3576	3680			
Lime & Shale	3680	3880			
Lime & Shale	3880	4008			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	505'	Common	300	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	4513'	Common	150	10% Salt, 10% Bbl. Salt Flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	4442-4452			500 gal 15% MCA, 20,000# of 20/40 & 10,000# of 10/20 and w/738 bbls 15% gel acid.		RBTD 4474	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8"	4430				
Date of First Production	Producing Method						
31-Dec-85	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	25 Bbls	0 MCF	25 Bbls	CFPB			

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



Attached to and Made a
 Part of ACO-1
 API #15-047-21,260
 Patton Oil Company
 Southwest College #12
 5560 FSL & 3020 FEL
 Sec. 3-26-16W
 Edwards County, Kansas

WELL LOG CONT'D

Lime & Shale	4008	4136
Lime	4136	4245
Lime & Shale	4245	4343
Lime & Shale	4343	4435
Lime	4435	4470
Lime	4470	4500
Lime	4500	4515

DST NO. 1
 4410-4435 feet

Open 30 minutes, weak blow building to 3 inches. Shut-in 45 minutes. Open 30 minutes, very weak blow, died in 27 minutes. Shut-in 60 minutes.

Recovery: 45 feet of drilling mud

Initial Hydrostatic Head	2340 psi
Initial Flow Pressure	66-55 psi
Initial Shut-in Pressure	143 psi
Final Flow Pressure	55-44 psi
Final Shut-in Pressure	187 psi
Final Hydrostatic Head	2275 psi
Temperature	146°

DST NO. 2
 4443-4470 feet

Open 30 minutes, fair blow building to 10½ inches in bucket. Shut-in 60 minutes. Open 45 minutes, fair blow building to 8 inches in bucket. Shut-in 90 minutes.

Recovery: 240 feet of gas in pipe
 240 feet of gas and oil cut mud
 (62% gas, 10% oil, 28% wat)

Initial Hydrostatic Head	2362 psi
Initial Flow Pressure	77-66 psi
Initial Shut-in Pressure	364 psi
Final Flow Pressure	99-88 psi
Final Shut-in Pressure	475 psi
Final Hydrostatic Head	2307 psi
Temperature	153°

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APR 21 1986

CONSERVATION DIVISION
 Wichita, Kansas

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 STATE CORPORATION COMMISSION

APR - 3 1986

CONSERVATION DIVISION
 Wichita, Kansas