

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 # 5598  
Name Pan Eastern Exploration Co.  
Address P. O. Box 351  
City/State/Zip Liberal, KS 67901

Purchaser Panhandle Eastern Pipeline Co.  
Liberal, Kansas 67901

Operator Contact Person M. L. Pease  
Phone 316-624-6253

Contractor: License # NA  
Name

Wellsite Geologist NA  
Phone

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

If OWNED: old well info as follows:  
Operator BHP Petroleum (Americas) Inc.  
Well Name MINOR 1-31  
Comp. Date 3/18/58 Old Total Depth 3700

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
2/25/58 3/8/58 3/18/58  
Spud Date Date Reached TD Completion Date  
3700 3270  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1453 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

API NO. 15- NA 15-129-10457-00-00  
County Morton  
App. C W/2 Sec. 31 Twp. 33S Rge. 41 East  
X West

2740 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

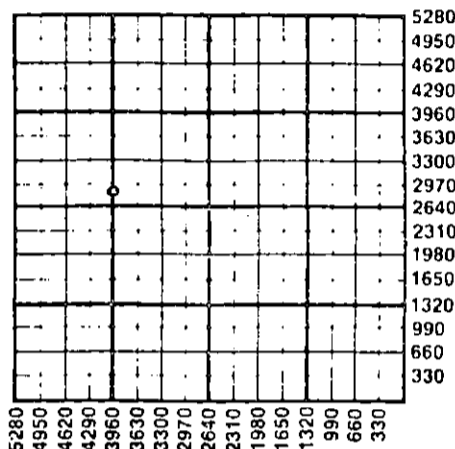
Lease Name MINOR Well # 1

Field Name Greenwood

Producing Formation Topeka

Elevation: Ground 3353 KB 3360

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: NA 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

X Other (explain) Not available (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 M. L. Pease

Title Division Production Manager Date 9/16/87

Subscribed and sworn to before me this 16th day of September 1987

Notary Public Beverly J. Williams

Date Commission Expires November 21, 1990

BEVERLY J. WILLIAMS  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 11-21-90

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
RECEIVED  
KCC STATE CORPORATION COMMISSION  
KGS  
9-21-87  
SEP 21 1987  
DISTRIBUTION  
SWD/PR NGPA  
Plug Other (Specify)  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (5-86)

Sec 31 Twp 33 Rge 41 W

SIDE TWO

Operator Name Pan Eastern Exploration Co. Lease Name MTNOR Well # 1-31

Sec. 31 Twp. 33S Rge. 41 East West County Morton

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Surface Sand/Shale	0'	305'
Redbed	305'	765'
Gyp-Shale	765'	915'
Shale-Gyp	915'	1115'
Sand-Shale	1115'	1295'
Gyp	1295'	1365'
Anhydrite-Shale	1365'	1435'
Anhydrite	1435'	1454'
Shale	1454'	1810'
Redbed, Shale	1810'	2055'
Shale	2055'	2185'
Shale-Lime	2185'	2335'
Shale	2335'	2365'
Lime-Shale	2365'	2535'
Lime	2535'	3455'
Lime-Shale	3455'	3615'
Shale-Lime	3615'	3700'

CASING RECORD <input 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		8 5/8"	24	1454	Pozmix	800	2% CaCl <sub>2</sub> , 4% Gel
Production		4 1/2"	9.5	3270	Pozmix	250	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
6	3014-17, 3035-38, 3108-10, 3118-22			A/5000 gal 15% retarded acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2 3/8"		3000					
Date of First Production	Producing Method						
3/17/58	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Open Flow Potential Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	0 Bbls	5100 MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) ..... 3014-3122' O.A.  
 Dually Completed  Commingled

**PAN EASTERN EXPLORATION COMPANY**

An Anadarko Petroleum Corporation Subsidiary

P. O. Box 351  
Liberal, KS 67901-0351  
(316) 624-6253

September 16, 1987

Kansas Corporation Commission  
Conservation Division  
200 Colorado Derby Building  
Wichita, Kansas 67202-1286

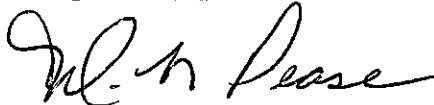
Re: Change of Operator  
MINOR No. 1-31  
Section 31-33S-41W  
Morton County, Kansas

Gentlemen:

Enclosed is an ACO-1 to record a change of operatorship. Pan East Exploration Company took over operatorship of the referenced well on August 1, 1987 from BHP Petroleum.

If any additional information is needed, please contact Pan East Exploration Company at the above address.

Very truly yours,



M. L. Pease  
Division Production Manager  
TRR/bw

Enclosure

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 21 1987.  
CONSERVATION DIVISION  
Wichita, Kansas