

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 67905-0351

Purchaser N/A

Operator Contact Person M. J. PASEA
Phone (316) 624-6251

Contractor: License # 5842
Name Robert Jones, Inc

Wellsite Geologist N/A
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 OWMO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

3/10/87 Spud Date 3/14/87 Date Reached TD N/A Completion Date

2730 Total Depth 2720 PBID

Amount of Surface Pipe Set and Cemented at 485 feet
Multiple Stage Cementing Collar Used? Yes 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. 15-189-21,006-0000 FEB 1 8 1991
County Stevens FROM CONFIDENTIAL

S/2 NW NE Sec. 26 Twp. 32 Rge. 39 East West
4010 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

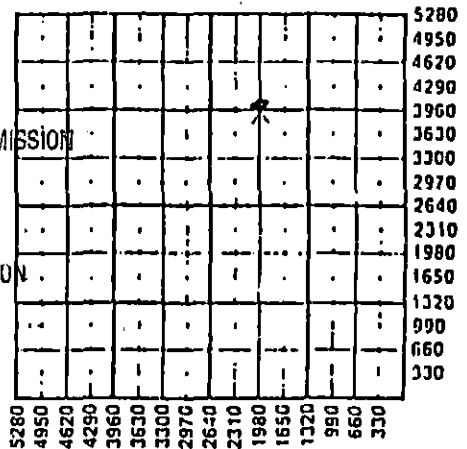
Lease Name Stecher "C" Well # 111

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3143 KB

Section Plat



RECEIVED
OCT 31 1989
10-31-89
CONSERVATION DIVISION
Wichita, Kansas

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) Contractor provided water, (purchased from city, R.H.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Dorby 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 9/27/87

Subscribed and sworn to before me this 20th day of Sept 1987
Notary Public Beverly J. Williams

NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 12/31/90

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

Operator Name Pan Eastern Exploration Co. Lease Name Stecher "C" Well # 111

Soc. 26 Twp. 32 Rge. 39 East West County Stevens

RELEASED

WELL LOG

FEB 18 1991

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all ~~from CONFIDENTIAL~~ 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
Sand	0	35
Sand-Shale	35	487
Shale-Sand	487	940
Shale	940	1183
Sand	1183	1233
Glorietta Sand	1233	1328
Shale	1328	1516
Sand-Lime	1516	1868
Shale-Lime	1868	2400
Lime	2400	2730
TD	2730	

CASING RECORD <input checked="" type="checkbox"/> Now <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	485	5/25 Poz Common	135	2%cc
Production	7 7/8	5 1/2	14	2729	20% DC-D 10% DC-D	150 190 40	3%cc + 1/4# col 2%cc + 1/4# col 2%cc + 1/4# col
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD							
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

ORIGINAL

RELEASED

FEB 18 1991

Attachment

FROM CONFIDENTIAL.

API NUMBER: 15-189-21,006
Stecher "C" No. 1H
Section 26-32S-39W
Stevens County, Kansas

FORMATION
Blaine
Cedar Hills
Stone Corral
Chase
Council Grove
TD

TOP
Not Logged
Not Logged
Not logged
2360
2684

BOTTOM

2684
NA
2730

RECEIVED
STATE CORPORATION COMMISSION

FEB 18 1991

CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT

ORIGINAL
DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-74412 DATE: 3/14/57
STAGE: DS DISTRICT: Ulysses

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. *Stecher C # 1-H* LOCATION (LEGAL) *Sec 26-32s-39w* RIG NAME: *Coabbert & Jones Rig # 11*
 FIELD-POOL _____ FORMATION _____ WELL DATA: BIT SIZE *7 7/8* CSG/Liner Size *5 1/2* TOP _____
 COUNTY/PARISH *Stevens* STATE *Ks* API. NO. **RELEASED** TOTAL DEPTH *2730* WEIGHT *14*
 NAME *Pan Eastern* **FEB 1 8 1991** ROT CABLE FOOTAGE *2743*
 AND _____ MUD TYPE _____ GRADE *K5*
 ADDRESS _____ **FROM CONFIDENTIAL** BHST THREAD *8R*
 _____ MUD DENSITY *11.3* LESS FOOTAGE SHOE JOINT(S) _____
 _____ MUD VISC. *44* Disp. Capacity *16.93*

SPECIAL INSTRUCTIONS: *Cement 5/8 Csg in 7/8 hole with 140 SK C + 20% D56 + 2% S1 + 1/4 # SK D29 tail in with 40 SKS C + 10% D56 + 2% S1 + 1/4 # D29/SK*

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE *1815* PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT _____ PSI BUMP PLUG TO _____ PSI

ROTATE RPM _____ RECIPROCATE _____ FT No. of Centralizers _____

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME: 1000 DATE: 3/14			ARRIVE ON LOCATION TIME: 1000 DATE: 3/14		LEFT LOCATION TIME: 1600 DATE: 3/14/57	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY				
1000											
1330											
1354		100	10	0	5	2% KI	9.5				
1357		100	30	10	5	CW7	8.7				
1403		100	10	40	5	2% KI	8.5				
1416		100	91	50	5	Lead	12.0				
1430		0		117	5	"	"				
1439		0	14	141	5	Tail	13.0				
1442		0		155							
1448		0		155	5	160	8.32				
1457		150		208	5	"	"				
1459		150		217	3						
1501		150/1200		222	3						
1502											

REMARKS: *PRE-JOB SAFETY MEETING Rig to Well*
Rig on Circulation
Start 10 bbl 2% KI
Start 30 bbl CW7
Start 10 bbl 2% KI
Start 190 SKS Lead
Lead Around Shoe
Start 40 SKS Tail
Shutdown - Wash Pump & Lines drop plug
Start displacement
Tail Around Shoe
Slow rate
Bump plug
Check Float
Rig down Equip

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	170	2.69	Class C + 20% D56 + 2% S1 + 1/4 # SK D29	70	91.8	12.0	
2.	40	1.97	Class C + 10% D56 + 2% S1 + 1/4 # SK D29	10	14.8	13.0	
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE MAX. _____ MIN. _____

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.

BREAKDOWN PSI FINAL _____ PSI DISPLACEMENT VOL. *67* Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT

Washed Thru Perfs YES NO TO _____ FT MEASURED DISPLACEMENT WIRELINE _____

PERFORATIONS _____ CUSTOMER REPRESENTATIVE *Jim Barlow* DS SUPERVISOR *A.J. Burdall*

ORIGINAL

TREATMENT NUMBER: 03-12-9429 DATE: 3-10-87
 STAGE: 7 DS DISTRICT: ULYSSES, KS.

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO.: STECHER "C" #1H
 LOCATION (LEGAL): SEC 26-32s-39w
 FIELD-POOL: FORMATION
 COUNTY/PARISH: STEVENS STATE: KS. API. NO.:

RIG NAME: GABBERT & JONES
 WELL DATA: BIT SIZE 12 1/4 CSG/Liner Size 8 5/8
 TOTAL 487 TH WEIGHT 24 #
 ROT CABLE FOOTAGE 483.36
 MUD TYPE SAND GRADE 555
 BHST BHCT THREAD 8RD
 MUD DEN 2.2 LESS FOOTAGE SHOE JOINT(S) 43.96
 MUD VISC 30 Disp. Capacity 28 TOTAL 28
 NOTE: Include Footage From Ground Level To Head In Disp. Capacity

NAME: PAN EASTERN
 AND: RELEASE
 ADDRESS: ZIP CODE: FEB 7 8 10

SPECIAL INSTRUCTIONS: SET 8 5/8 CSG 130SX TAIL-IN FROM CONFID 150SX PREMIUM

WELL DATA: TYPE BAKER DEPTH 439.40
 TYPE G+J DEPTH 483.36
 Head & Plugs: Double, Single, Swage, Knockoff, TBG, D.P., SIZE, WEIGHT, GRADE, THREAD
 SQUEEZE JOB: TUBING VOLUME, CASING VOL. BELOW TOOL, TOTAL, ANNUAL VOLUME

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 199 PSI CASING WEIGHT SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 1500 PSI BUMP PLUG TO 790 PSI
 ROTATE RPM RECIPROCATE FT No. of Centralizers 2

JOB SCHEDULED FOR TIME: 1800 DATE: 3-10-87 ARRIVE ON LOCATION TIME: 1800 DATE: 3-10-87 LEFT LOCATION TIME: 0500 DATE: 3-11-87

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT			SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM	RATE	FLUID TYPE	FLUID DENSITY	
0001 to 2400								
0330								PRE-JOB SAFETY MEETING
0350						MUD	9.2	START RIG PUMP TO BREAK CIRCULATION
0400								STOP RIG PUMP/HOOK TO TREATING LINE
0401	60		3		5	H ₂ O	8.3	START WATER SPACER
0401	110		26	3	4	Cnt	15.3	START LEAD CEMENT - 130SX
0408	170		29	28	4	Cnt	16.4	START TAIL CEMENT - 150SX
0415	180			58				STOP PUMP/DROP PLUG
0417	100		28		4	H ₂ O	8.3	START DISPLACEMENT
0422	190			20	2			SLOW PUMP RATE
0423	210			23				START CIRCULATING CEMENT TO PIT
0428	790							STOP PUMP/PLUG DOWN
								INSERT HELD

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	130	1.13	TAIL-IN CEMENT, 2% CACL, 1/4" D29			26	15.3
2.	150	1.08	PREMIUM, 3% CACL, 1/4" D29			29	16.4
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE: HESITATION SQ., RUNNING SQ., CIRCULATION LOST, DISPLACEMENT VOL. 28 Bbls, MEASURED DISPLACEMENT, WIRELINE
 PRESSURE: MAX. 790 MIN.: Cement Circulated To Surf. YES NO 5 Bbls
 TYPE OF WELL: OIL GAS, STORAGE INJECTION, BRINE WATER WILDCAT
 CUSTOMER REPRESENTATIVE: J. BARLOW SUPERVISOR: D. J. SHARP