

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 # 5263
Name Jack Reese, dba. Midwestern Exploration
Address P.O. Box 1884
City/State/Zip Liberal, Ks. 67901

Purchaser: RA

Operator Contact Person Harold K. Frauli
Phone 316-624-8388

Contractor: License # 5842
Name Gabbart-Jones, Inc.

Wellsite Geologist Joe Blair
Phone 316-624-2804

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

Spud Date ..9-24-85.. Date Reached TD ..10-6-85.. Completion Date ..12-2-85..

Total Depth ..6340.. PBDT ..5778..

Amount of Surface Pipe Set and Cemented at 1544 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

API NO. 15-175-20-879-999

County Seward

Sec. S/2. Sec. 11 Twp. 33S Rge. 32. East West

1320 Ft North from Southeast Corner of Section
2640 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

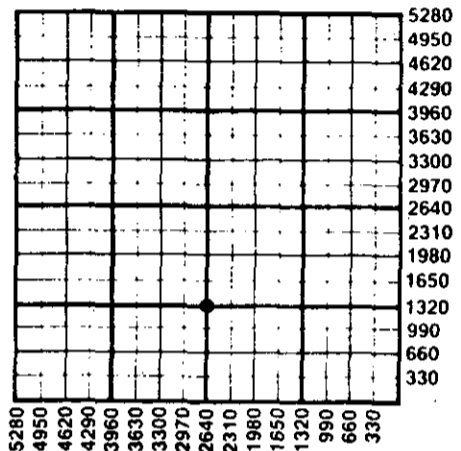
Lease Name CITY OF LIBERAL Well #1-11

Field Name Kismet West

Producing Formation Morrow

Elevation: Ground 2787 KB 2799

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Source of Water:
Division of Water Resources Permit # T-85-851

Groundwater 1370 Ft North from Southeast Corner
(Well) 2765 Ft West from Southeast Corner of
Sec 11 Twp 33S Rge 32 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 Harold K. Frauli

Title Manager Date 1-17-86

Subscribed and sworn to before me this 17th day of January 1986

Notary Public Elaine Long

Date Commission Expires
NOTARY PUBLIC
State of Kansas
My Appointment Expires:
10-4-86

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

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

JAN 23 1986
1-23-86
CONSERVATION DIVISION

Sec. 11, Twp. 33S, Rge. 32W

SIDE TWO

Operator Name Jack Reese dba. Midwestern Lease Name... CITY OF LIBERAL Well #... 1-11
Exploration Co.

Sec.... 11... Twp... 33S... Rge... 32..... East West County..... Seward.....

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

DST #1 Morrow 5713-5789 30-60-60-120
 IHH 2739
 IF 65-65, strong blow thru-out
 ISI 358
 FF 65-65, strong blow thru-out
 FSI 1761
 FHH 2723 T-126° Rec. 50' VSGCDM

DST #2 Morrow 5802-5856 30-60-60-120
 IHH 2755
 IF 179-114, strong blow - plugging
 ISI 1581
 FF 65-65 strong blow GTS in 35 min.
 40 min 5.32 mcf
 50 min 6.33 mcf
 60 min 6.33 mcf

FSI 1647
 FHH 2732 T-126° Rec. 70' SO cut & GCDM.

Formation Description		
Name	Top	Bottom
Heebner	4296	
Lansing	4436	
Marmaton	5100	
Cherokee	5282	
Morrow shale	5627	

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.....		8-5/8	24#	1544	LITE	490	2% cc 1/4" Flocle
Production.....		4 1/2	10.5#	16340	CLASS C 500 GAL SELF STRESS	150 CW-100 160 SX	2% cc
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.....	CHESTER 6015-19, 5889-90, 6035-36			(SQUEEZED)			
	5740-41, 5966-70, 5904-06, 5892-94			CLASS H + 10% SALT + 6/10 of 1% D-60			
	5828-33, 5795-98 (SQUEEZED)			Acid 2000 GAL 7% MSR-150, 1000 SA.F/84/W ₂			
2.....	5754-70 L. MORROW			FRAC. 12,000 GAL FL. 12,000# 20/40 (5754-70)			
				SAND + 90,000 SLP N ₂ + P.A. SAND			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8	5742				
Date of First Production		Producing Method					
na		<input checked="" 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	
na		0 Bbls	215 MCF	20 Bbls	CFPB	na	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5754-5770.....
 Used on Lease Dually Completed
 Commingled