

TIGHT HOLE

SIDE ONE

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 # 5063
 Name Energy Exploration, Inc.
 Address 1002 South Broadway
 City/State/Zip Wichita, KS 67211

Purchaser Koch Oil Co.

Operator Contact Person Brad D. Lehl
 Phone 316-267-7336

Contractor: License # 5422
 Name Abercrombie Drilling, Inc.

Wellsite Geologist Ralph White
 Phone 316-263-3081

Designate Type of Completion

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

If OWNO: old well info as follows:

Operator
 Well Name N/A
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

..2-10-86... ..2-21-86... ...2-21-86...
 Spud Date Date Reached TD Completion Date

....4690'... ...N/A...
 Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 306 feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2548 feet
 If alternate 2 completion, cement circulated
 from 2548 feet depth to surface / 600 SX cmt

API NO. 15-109-20,412-00-00

County Logan

SE.. NW.. NW.... Sec.. 1.. Twp.. 11S.. Rge.. 32.. East West

...4290... Ft North from Southeast Corner of Section
 ...4290... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name Stoll Well # 1

Field Name Wildcat Campus North

Producing Formation Cherokee

Elevation: Ground 3034' KB 3039'

Section Plat

										5280					
										4950					
										4620					
		X								4290					
										3960					
										3630					
										3300					
										2970					
										2640					
										2310					
										1980					
										1650					
										1320					
										990					
										660					
										330					
5280	4950	4620	4290	3960	3630	3300	2970	2640	2310	1980	1650	1320	990	660	330

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) City of Oakley
 (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 Joseph D. Mace
 Title President Date 5-9-86

Subscribed and sworn to before me this 9th day of May 1986
 Notary Public Cheryl L. Idleman
 Commission Expires 1-30-89

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time log Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)



WAY 12 1986
 5-12-1986
 CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION
 KANSAS

Sec. 11, Twp. 11, Rge. 32

TIGHT HOLE

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name Stall Well # J...

Sec. 1 Twp. 11S Rge. 32 East West County Logan

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

DST #1 4107-4129 (E/F) 30-60-60-60, Rec. 360' GIP, 135' CGO, 45' OCM, IHP 2081, IFP 55-55, ISIP 1132, FFP 111-111, FSIP 1100, FHP 2059, BHT 116°
 DST #2 4170-4235 (H/I) 30-60-60-60, Rec. 70' OCM, IHP 2158, IFP 100-100, ISIP 1002, FFP 122-122, FSIP 849, FHP 2114, BHT 117°
 DST #3 4230-4290 (J/K) 30-60-60-60, Rec. 810' GIP, 110' CGO, 60' OCM, IHP 2180, IFP 100-100, ISIP 1349, FFP 122-122, FSIP 1327, FHP 2125, BHT 120°
 DST #4 4318-4430 (Len/Alt) 30-60-60-60, Rec. 540' GIP, 70' MCO (55% O), IHP 2257, IFP 100-100, ISIP 1013, FFP 111-111, FSIP 1046, FHP 2235, BHT 124°
 DST #5 4433-4505 (Paw/My Sta) 30-60-30-30, Rec. 30' SOCM (5% O) IHP 2333, IFP 89-89, ISIP 420, FFP 100-100, FSIP 133, FHP 2311, Temp. 120°
 DST #6 4557-4595 (Cher Jhn) 30-60-60-60, Rec. 630' GIP, 120' SMCO (95% O), 90' MCGO (40% O), 90' MCGO (25% O), IHP 2355, IFP 89-89, ISIP 1132, FFP 144-155, FSIP 1078, FHP 2333, Temp. 124°

Formation	Sample	Top	Bottom
Anhydrite	2554 +485	2557	
Heebner	3999 -960	4002	-963
Lansing	4039 -1000	4040	-1001
Stark	4260 -1221	4260	-1221
BKC	4321 -1282	4320	-1281
Lenapah	4351 -1312	4350	-1311
Pawnee	4443 -1404	4443	-1404
Myrick St.	4491 -1452	4489	-1450
Ft. Scott	4510 -1471	4511	-1472
Cher. Shale	4538 -1499	4538	-1499
Cher. Jhn.	4578 -1539	4578	-1539
Mississippi	4637 -1598	4639	-1600
T.D.	4690	4690	

RELEASED
 6-8-1988
 JUN 08 1988

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Use FROM CONFIDENTIAL 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 (new)	12 1/4"	8 5/8"	20#	306'	Common	200	2% gel, 3% ct
Production	7 7/8"	4 1/2"	10.5#	4689'	50/50 port	50	7 1/2% gel, 2% gel
(used)					surefill	200	
2nd stage				2548'	BJ light	600	
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
2				4582-4592			
				500 gals. of INS. 15% acid			
				3000 gals. 15% NE acid and			
				18 perf. balls			
				4582-92			
TUBING RECORD Size 2 3/8" Set At 4610' Packer at N/A		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Date of First Production 4-11-86		Producing Method <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 20 Bbls	Gas TSTM MCF	water trace (1%)	Gas-Oil Ratio N/A	Gravity 25	Production Interval 4582-92

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