

TIGHT HOLE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-109-20,439-00

County Logan

E/2 SW NW Sec. 1 Twp. 11 Rge. 32 East West

3110 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 # 2

Field Name Campus North Pool #2

Producing Formation Lansing-Kansas City

Elevation: Ground 3033 KB 3038

Operator: License # 5063
Name Energy Exploration, Inc.
Address 1002 S. Braodway
City/State/Zip Wichita, KS 67211

Purchaser Koch Oil

Operator Contact Person Brad Lehl
Phone (316) 267-7336

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Kevin L. Howard
Phone 316/267-7336

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

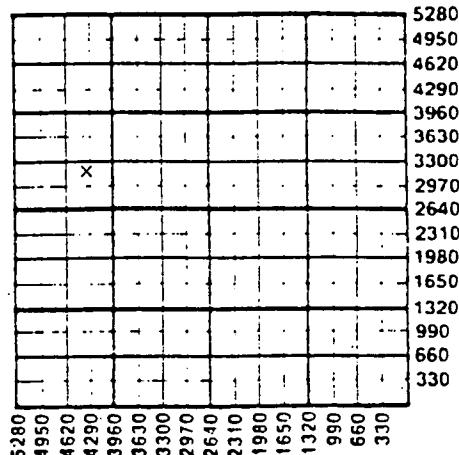
If OWWO: old well info as follows:
Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-10-87 5-20-87 6-12-87
Spud Date Date Reached TD Completion Date
4700' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 267 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2576 feet
If alternate 2 completion, cement circulated from 2576 feet depth to surface w/ 375 SX cmt
Cement Company Name B.J. Titan
Invoice # SS009

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 #

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, KS
(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 Joseph D. Place
Title President Date 6-24-87

Subscribed and sworn to before me this 24th day of June 1987...
Notary Public Cheryl L. Ideman

Date Commission Expires 1-30-89
CHERYL L. IDEMAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-30-89

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Revised NGPA
 KGS STATE COPY In Out Other
6-30-1987 (Specify)
JUN 30 1987
Form ACO-1 (5-86)

Sec. 1, Twp. 11, Rge. 32

Operator Name Energy Exploration, Inc. Lease Name Stoll Well # 2

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 4033-4050 (Lns. A) 30'-60'-60'-60, Rec. 30' M, 275' W, 50,000 chl., IHP 1978, IFP 40-71, ISIP 1263, FFP 81-162, FSIP 1263, FHP 1958, temp. 129°
 DST #2 4109-4124 (Lns. E) 30'-60'-60'-60, Rec. 180' GIP 250' O (35°), 60' OCM, (10% O, 90% M), IHP 2047, IFP 30-60, ISIP 1025, FFP 81-142, FSIP 946, FHP 2037, temp. 122°
 DST #3 4172-4256 (Lns. H,I,J) 30'-60'-60'-60, Rec. 90' GIP, 90' OCM (15% O), 10' OCM (10% O) IHP 2087, IFP 50-60, ISIP 1174, FFP 101-101, FSIP 1105, FHP 2069, temp. 124°
 DST #4 4254-4291 (Lns. K) 30'-60'-60'-60, Rec. 60' OCM, (10% O) IHP 2137, IFP 30-30, ISIP 223, FFP 40-40, FSIP 172, FHP 2117, temp. 124°
 DST #5 4295-4430 (L, Len, Alt.) 30'-60'-60'-60, Rec. 810' GIP, 250' O (34°) 100' OCM (10% O), IHP 2167, IFP 30-71, ISIP 1373, FFP 91-142, FSIP 1353, FHP 2147, temp. 126°
 DST #6 4436-4530 (Paw, My. Sta, Ft. Scott) 30'-60'-60'-60, Rec. 30' OCM (5% O), 30' OCGM (15% O), IHP 2237 IFP 40-50, ISIP 223, FFP --71, FSIP 132, FHP 2221, temp. 128°

Formation	Name	Top	Bottom
	Sample	Log	Log
Anhydrite	2554	+484	2554 +484
Heebner	4002	-964	4005 -967
Lansing	4040	-1002	4046 -1008
Stark	4260	-1222	4264 -1226
BKC	4319	-1281	4324 -1286
Marmaton	4352	-1314	4354 -1316
Pawnee	4444	-1406	4448 -1406
Myrick Station	4490	-1452	4496 -1458
Fort Scott	4515	-1477	4517 -1479
Cher. Shale	4543	-1505	4544 -1506
Cher. Jhn.	4582	-1544	4587 -1549
Cher. Sd.	4613	-1575	4614 -1576
Mississippi	4651	-1613	4652 -1614
T.D.	4700		4701

CASING RECORD New 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
2nd stage				257.6	Mix	375	
Surface	12-1/4	8-5/8	20	267	Common	175	2% gel, 3% ca. cl.
Production	7-7/8	4 1/2	10.5#	4667	50/50 pop surefill	50	2% gel, 7.5% gil. 4# gil.

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	4121-4126	250 gals. 15% mud acid	
		1250 gals. 15% NE acid	4121-26
2	4248-4254	250 gals. 15% mud acid	
	(continued on attached page)	1250 gals. 15% NE acid	4248-54

TUBING RECORD Size 2 3/8" Set At 4387' Packer at N/A Liner Run Yes No

Date of First Production June 17, 1987 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
		TSTM	N/A	N/A	40
	60 Bbls	MCF			

METHOD OF COMPLETION

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

7-13-1988
JUL 13 1988

4121-4318 overall
FROM CONFIDENTIAL

TIGHT HOLE

Shots per foot	interval	Acid, Fracture, Shot, Cement Squeeze Record	Depth
2	4314-4318	250 gals. 15% mud acid; 1250 gals. 15% NE	4314-18
2	4358-4363	250 gals. 15% mud acid; 500 gals. 15% NE	4358-4363

JUL 01 1987

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

STATE OF KANSAS
DEPARTMENT OF REVENUE

6-30-1987

JUN 30 1987

RELEASED

JUL 13 1988

7-13-1988

FROM CONFIDENTIAL