

ORIGINAL

SIDE ONE

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

Operator: License # 5063

Name: Energy Exploration

Address 1002 S. Broadway

City/State/Zip Wichita, KS 67211

Purchaser: _____

Operator Contact Person: Brad Lehl

Phone (316) 267-7336

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: Ronald G. Dulos

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8-31-90 9-8-90 _____
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,558-00-00

County Lane Lane East

SE NW NE Sec. 1 Twp. 16S Rge. 27 West

4290' Ft. North from Southeast Corner of Section

4290' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

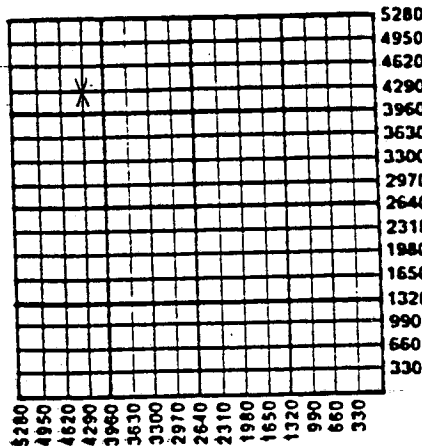
Lease Name Karilyn Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 2564 KB 2569

Total Depth 4500' P8TD _____



11-11-90

Amount of Surface Pipe Set and Cemented at 214.90 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Joseph D. Mace, President Date 9-26-90

Subscribed and sworn to before me this 26th day of September, 1990.

Notary Public Cheryl L. Kaufman

Date Commission Expires 2-3-93

CHERYL L. KAUFMAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt Exp. Feb. 3, 1993

K.C.C. OFFICE USE ONLY
F. Letter of Confidentiality Attached
C. Wireline Log Received
C. Drillers Time Log Received
STATE CORPORATION COMMISSION
10-05-1990
Distribution
KGS SD/Rep NGPA
KGS Plug Other
CONSERVATION DIVISION
Wichita, Kansas

SIDE TMD

Operator Name Energy Exploration Lease Name Karilyn Well # 1

Sec. 1 Twp. 16S Rge. 27 East West
 County Lane

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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%; border-bottom: 1px solid black;">Name</td> <td style="width:20%; border-bottom: 1px solid black;">Top</td> <td style="width:20%; border-bottom: 1px solid black;">Bottom</td> </tr> <tr> <td colspan="3" style="text-align: center; height: 100px; vertical-align: middle;">SEE ATTACHED</td> </tr> </table>	Name	Top	Bottom	SEE ATTACHED		
Name	Top	Bottom					
SEE ATTACHED							

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	12 1/2"	8 5/8"	20#	214.90	60-40pozmix	160	3%cc 2%gel	
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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

Energy Exploration, Inc. - Karilyn #1
 SE NW NE, Sec. 1-T16S-R27W
 Lane County, Kansas

15-101-21558-00-00
 ORIGINAL

Formation	Sample	Log
Anhydrite	1990 +579	1992 + 577
B/Anhydrite	2022 +547	2026 +543
Topeka	3592 -1023	3411 -842
Heebner	3812 -1243	3814 -1245
Lansing	3850 -1281	3855 -1286
Muncie Creek	4014 -1445	4014 -1445
Stark Shale	4106 -1537	4104 -1535
Hushpuckney	4140 -1571	4137 -1568
BKC	4172 -1603	4164 -1595
Marmaton	4204 -1635	4202 -1633
Pawnee	4260 -1691	4260 -1691
Fort Scott	4358 -1789	4360 -1791
Cherokee	4383 -1814	4385 -1816
Cher. Jhn.	4414 -1845	4426 -1857
Mississippi	4445 -1876	4466 -1897
T.D.	4500	4502

DST #1 4010-4073 (H & I) 30-30-30-30,
 Rec. 30' Sli. oil spkd mud, IHP 1962,
 IFP 58-62, ISIP 954, FFP 78-32, FSIP
 859, FHP 1934, temp. 121°.

DST #2 4105-4146 (K) 30-60-60-60,
 Rec. 150' MW (19,000 chl.) IHP 2040,
 IFP 40-60, ISIP 1176, FFP 69-104,
 FSIP 1121, FHP 2004, temp. 121°.

DST #3 4382-4478 (Miss) 30-60-60-30,
 Rec. 30' M (scum oil), IHP 2202,
 IFP 45-48, ISIP 1181, FFP 52-65,
 FSIP 970, FHP 2171, temp. 124°.

RECEIVED
 STATE CORPORATION COMMISSION

OCT 5 1990

CONSERVATION DIVISION
 Wichita, Kansas



PO. Box 4442
Houston, Texas 77210

CEMENTING LOG ORIGINAL

15-100-21558-00-00

Date 8-31-90 District Darkey Ticket No. 409603
 Company Energy Exploration Rig Abey #1
 Lease Karlton Well No. 1
 County Lane State Kansas
 Location Hwy. #4 + Quinter Rd. Field _____
4 N-2 W 1st

CEMENT DATA:
 Spacer Type: _____
 Amt. 1100 Skys Yield 1.24 ft³/sk Density 14.8 PPG
60/40 Ppg 37acc + 2.9 gal

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 2 7/8 Type used Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used BSU 2757 BSU 1454
 Bulk Equip. BSU 2750 BSU 6455

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer NONE
 Shoe: Type NONE Depth _____
 Float: Type NONE Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip: _____
 Disp. Fluid Type fresh water Amt. 13 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .9637 Lin. ft./Bbl. 2.797
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE DCI Moore

CEMENTER Kenneth D. Bodin

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
6:15 AM						On location Hold safety meeting set up tables Hook up to circulate mud Hook up to truck to run job. Run fresh water mix cement Release plug Displace with fresh water Cement to pit plug down Close valves on hold Wash up cells. Thank you Ken + Crew
6:20						
6:25						
6:38						
6:45						
6:55			5 bbls			
6:58			35 bbls			
7:09						
7:10			13 bbls			
7:15						

OCT 5 1990

OPERATION DIVISION
Wichita, Kansas



P.O. Box 4442
Houston, Texas 77210

SEP 14 1990

CEMENTING LOG ORIGINAL

15-101-21558-00-00

Date 9-8-90 District Oakley, Ks Ticket No. 610028
Company Energy Exploration Rig Aber #1
Lease Karolyn Well No. 1
County Don State Ks
Location Quarter 23S-1SW Field _____

CEMENT DATA:
Spacer Type: _____
Amt. _____ Sk's Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
Surface Intermediate Production Liner
Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type 60/40 Pos
62 gel Excess _____
Amt. 245 Sk's Yield 1.48 ft³/sk Density 13.7 PPG

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type _____
Excess _____
Amt. _____ Sk's Yield _____ ft³/sk Density _____ PPG
WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Drill Pipe: Size 4 1/2" Weight 16.60 Collars 1 hole
Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used BSU-2751 BSU-6454
Bulk Equip. BSU-2752 BSU-6457

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. 70.3
Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
Shoe: Type _____ Depth _____
Float: Type _____ Depth _____
Centralizers: Quantity _____ Plugs Top wood Btm. _____
Stage Collars _____
Special Equip. _____
Disp. Fluid Type Mud + #2 Amt. _____ Bbls. Weight _____ PPG
Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Wayne Shirley

CEMENTER Larry J.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls. Min.	
3:30						on loc & set up tub
4:15						hold pre-job safety meeting
7:30						1st plug 50 sk @ 2000'
8:15						2nd plug 80 sk @ 1300'
8:50						3rd plug 50 sk @ 700'
9:25						4th plug 40 sk @ 340'
10:20						5th plug 10 sk @ 40'
10:30						15 sk in R#
						245 sk 60/40 Pos 62 gel
						Thank you Larry & crew

RECEIVED
OCT 5 1990
DIVISION
Wichita, Kansas