

COPY

REPLACEMENT

TIGHT HOLE
RELEASED 9/12/90
OCT 1 8 1990

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 5063Name: Energy Exploration, Inc.Address 1002 S. BroadwayWichita, KansasCity/State/Zip 67211Purchaser: Coastal Derby Refining Co.Operator Contact Person: Brad D. LehlPhone (316) 267-7336Contractor: Name: Abercrombie Drilling, Inc.License: #5422Wellsite Geologist: Ron 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 ~~OMWO~~: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

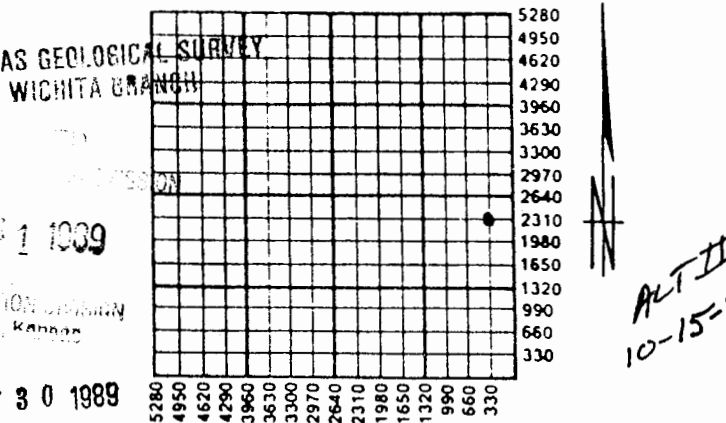
Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable7-17-89 7-25-89 8-17-89

Spud Date Date Reached TD Completion Date

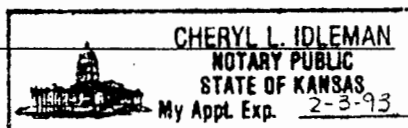
API NO. 15- 063-21,272

FROM CONFIDENTIAL

County GoveNE NE SE Sec. 28 Twp. 14S Rge. 28 ☒ East West2310 Ft. North from Southeast Corner of Section330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)Lease Name Briggs "A" Well # 1Field Name Missouri Flats Ext.Producing Formation LansingElevation: Ground 2574' KB 2579'Total Depth 4355' PBTD 4108'Amount of Surface Pipe Set and Cemented at 262.50 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2000 FeetIf Alternate II completion, cement circulated from 2000feet depth to surface w/ 300 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. MaceTitle President Date 10-19-89Subscribed and sworn to before me this 19th day of October, 19 89.Notary Public Cheryl L. IdlemanDate Commission Expires 2-3-93

K.C.C. OFFICE USE ONLY	
☒	Letter of Confidentiality Attached
☒	Wireline Log Received
☐	Drillers Timelog Received
Distribution	
☒ KCC	☐ SWD/Rep
☒ KGS	☐ Plug
☒ NGPA	
☐ Other (Specify)	
<u>106/50C</u>	

Form ACO-1 (7-89)

TIGHT HOLE

COPY

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name Briggs "A" Well # 1
 Sec. 28 Twp. 14S Rge. 28 ☐ East ☒ West County Gove

RELEASED

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.

FROM CONFIDENTIAL

Drill Stem Tests Taken ☒ Yes ☐ No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

Formation Description

☒ Log ☒ Sample

Name

Top

Bottom

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
surface	12 1/2"	8 5/8"	28#	262.50'	common	185	2% gel, 3% cc
production		4 1/2"	10 1/2#	4108'	50/50 poz	50	2% gel, 7 1/2# gil. per sk.
					surfill	200	5 1/2# gil. per sk.

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	3979 - 3982	250 gals. 15% mud acid retreated w/1250 gals. 15% N.E.	3979-82

TUBING RECORD

Size 2 3/8" Set At 4006' Packer At NALiner Run ☐ Yes ☒ NoDate of First Production
August 24, 1989Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)Estimated Production
Per 24 HoursOil 24 Bbls.

Gas TSTM Mcf

Water 30 Bbls.

Gas-Oil Ratio

NA

Gravity

39.6

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

3979-3982

Computer inventoried

COPY

TIGHT HOLE
RELEASED

Energy Exploration, Inc. - Briggs "A" #1

OCT 16 1990

FROM CONFIDENTIAL

DST #1 3871-3940 (Lns. H,I) weak blow died 20 mins., 30-30-30-30, Rec. 5' oil spotted mud, IHP 1901, IFP 20-20, ISIP 920, FFP 30-30, FSIP 810, FHP 1817.

DST #2 3965-3999 (Lns. K) initial flow strong blow in 2 mins., final flow strong blow immediately 30-60-60-60, Rec. 2250' GIP, 460' CGO, 80% O, 20% G, gravity 39°, Rec. 95' GMCWO, 50% G, 28% M, 20% O, 2% W, chl. 12,000, IHP 1961, IFP 40-101, ISIP 760, FFP 132-203, FSIP 719, FHP 1921.

DST #3 3994-4040, (Lns. L) weak blow died in 20 mins., 30-30-30-30, Rec. 3' oil spotted mud, IHP 1975, IFP 28-28, ISIP 269, FFP 28-28, FSIP 76, FHP 1911.

Formation	Sample	Log
Anhydrite	1987 +592	1986 +593
Heebner	3678 -1099	3681 -1102
Toronto	3700 -1121	3707 -1128
Lansing	3719 -1140	3721 -1142
Muncie Creek	3871 -1292	3874 -1295
Stark Shale	3966 -1387	3967 -1388
Hushpuckney	3994 -1415	3995 -1416
BKC	4027 -1448	4030 -1451
Marmaton	4064 -1485	4066 -1487
Pawnee	4131 -1552	4132 -1553
Fort Scott	4216 -1634	4217 -1638
Cherokee Shale	4241 -1662	4242 -1663
Cherokee Jhn.	4285 -1706	4386 -1707
Mississippi		4318 -1739
T.D.	4355	4357

28-14-28W

Lease: Briggs "A" #1

OCT 16 1990

28-14-28W