

# 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

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API NO. 15-199-20,096-00-00

County Wallace

NW SE NW Sec. 34 Twp. 15S Rge. 42 East  
West

3560 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Nickelson "A" Well # 1

Field Name wildcat

Producing Formation N/A

Elevation: Ground 3852' KB 3861'

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

Purchaser N/A

Operator Contact Person Brad Lehl  
Phone 316-267-7336

Contractor: License # 6033  
Name Murfin Drilling Company

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

Spud Date Old Total Depth

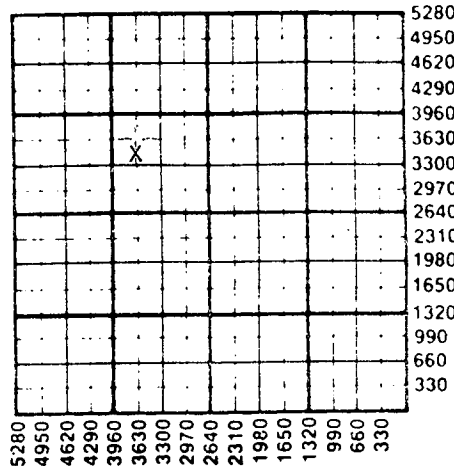
DEC 2 12-24-86  
CONSERVATION DIVISION  
Wichita, Kansas

### WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
11-28-86 12-6-86 N/A 12-6-86  
Spud Date Date Reached TD Completion Date  
5230' N/A  
Total Depth PBDT  
8-5/8" @ 490'

Amount of Surface Pipe Set and Cemented at...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  
Cement Company Name  
Invoice #

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: Hauled.  
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).....  
(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. Mace*  
Joseph D. Mace  
Title President Date 12-22-86

Subscribed and sworn to before me this 22nd day of December 1986  
Notary Public *Cheryl L. Idleman*

Date Commission Expires 1-30-89

CHERYL L. IDLEMAN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-30-89

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

Sec. 34 Twp. 15S. Rge. 42E

Operator Name ..... Energy Exploration, Inc. .... Lease Name..... Nickelson "A" ..... Well #.....

Sec..... 34 ..... Twp..... 15S ..... J. Rge..... 42 .....  East  West ..... County..... Wallace .....

15-199-20096-00-00

### 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

Name	Top	Bottom
Formation	Sample	Log
Anhydrite	2759 +1102	
Heebner	4106 -245	4112 -251
Lansing	4210 -349	4220 -359
Marmaton	4538 -677	4568 -707
Cherokee	4744 -883	4760 -899
Atoka	4846 -985	4877 -1016
Morrow Shale	5129 -1134	5032 -1171
Morrow Lm.	5129 -1268	5110 -1249
Mississippi	5168 -1307	5171 -1310
TD	5230	

RELEASED

JAN 13 1988

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used				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	12 1/2"	8-5/8"	24#	490	Class. A	295	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	
	N/A						
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
N/A							
Date of First Production	Producing Method						
N/A	<input 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		
	N/A						
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION N/A Production Interval

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