

* Amended

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 # 3372
Name Morrison-Dixon Oil Operations
Address One Main Place-Suite 801
Wichita, Kansas 67202
City/State/Zip

Purchaser KOCH

Operator Contact Person Micheal W. Dixon
Phone (316) 264-9632

Contractor: License # 5104
Name Blue Goose Drilg. Co., Inc.

Wellsite Geologist Micheal W. Dixon
Phone (316) 264-9632

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

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-16-88 8-25-88 12-1-88
Spud Date Date Reached TD Completion Date
4590
10-12-88 4565
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 302 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1808-1812 feet
If alternate 2 completion, cement circulated
from 1812 feet depth to surface 359 SX cmt
Cement Company Name Allied
Invoice # 53309
2-28-89

API NO. 15-135-23,278-0000
County Ness
S/2 NE SW Sec. 12 Twp. 19 Rge. 26 East
X West

1650' Ft North from Southeast Corner of Section
3300' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

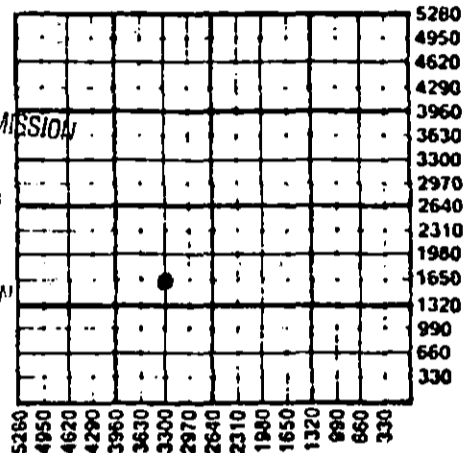
Lease Name Antenen Well # 1

Field Name WCV North WCV North

Producing Formation Mississippian

Elevation: Ground 2534' KB 2544'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
2-14-89
FEB 14 1989
CONSERVATION DIVISION
Wichita Kansas

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).....
(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 Micheal W. Dixon
Title Vice-President Date 2-3-89

Subscribed and sworn to before me this 17 day of February 1989
Notary Public
Date Commission Expires 5-9-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)
2-14-89

Sec. 12 Twp. 19 Rge. 26 East

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15. 135. 23278-0000
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No 3157

Home Office P. O. Box 31 Russell, Kansas 67665

Date	1-20-89	Sec.	12	Twp.	19	Range	26	Called Out	7:30 am	On Location	9:35 am	Job Start	10:00 am	Finish	1:30 pm
Lease	Antenna	Well No.	1			Location			B. 39 26 1/2 S 16 1/2 N			County	Flora	State	Kansas
Contractor	Hembree Well Service														
Type Job	Post Collar														
Hole Size	T.D.														
Csg.	5 1/2														
Tbg. Size	2 1/2														
Drill Pipe	Depth 3600'														
Tool	Depth 1808'														
Cement Left in Csg.	Shoe Joint														
Press Max.	1000#														
Meas Line	Displace														
Perf.															

Owner Sava

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Major Dixon

Street 606 One Main Place

City Wichita State Ks 67202

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.

Cement

CEMENT

Wichita **EQUIPMENT**

Pumptrk	No.	Cementer	<u>Ben</u>
	158	Helper	
Pumptrk	No.	Cementer	<u>Jayson</u>
		Helper	<u>Shugge</u>
Bulktrk		Driver	<u>Toby</u>
	199	Driver	

Amount Ordered	<u>450 sq yds wash - 357 yds</u>	
Consisting of	<u>2 sq yds sand on side</u>	
Common	<u>Lite 375</u>	<u>4.00 1500.00</u>
Poz. Mix		
Gel.	<u>2 sq on side</u>	<u>6.75 13.50</u>
Chloride	<u>SAND 2</u>	<u>4.75 9.50</u>
Quickset		
Sales Tax		
Handling	<u>450</u>	<u>.90 405.00</u>
Mileage	<u>15</u>	<u>202.50</u>
Sub Total		
Total <u>2130.50</u>		

DEPTH of Job

Reference:	<u>Post Collar Charge</u>	<u>450.00</u>
	<u>Mileage</u>	<u>15.00</u>
Sub Total		
Tax		
Total		<u>465.00</u>

Remarks:
 loaded hole press up on pump to 1000' + held spot and we 9 1/2 bbl fresh water press back side to 200' primed 20 bbl gel with white cement, dip 9 1/2 bbl press up to 1000' Re-pts in to 3650' washed sand off plug, cement did circulate.

Floating Equipment

\$ 2595.50

Less Disc 519.10

2076.40

RECEIVED
 CORPORATION COMMISSION

MAY 9 1989

Operator Name Morrison-Dixon Oil Co. Inc. Lease Name Antepen Well # 1

Sec. 12 Twp. 19 Rge. 26 East West County Ness

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 4401-4446, 30"-30"-30"-30", Rec. 5' mud
 IFP 53-53# FFP 53-53#
 ISIP 63# FSIP 63#

DST #2 4484-4517, 30"-30"-30"-30", Rec. 5' mud
 IFP 31-31# FFP 31-31#
 ISIP 42# FSIP 31#

DST #3 4484-4523, 30"-45"-60"-45", Rec. 155'
 G.I.P., 195' CO, 180' Mdy. Oil, 250' Mdy.
 Wtry. Oil (20-25% Wtr.), 180' Gsy. SOCMW
 IFP 85-202# FFP 223-361#
 ISIP 1257# FSIP 1246#

Name	Top	Bottom
Anhydrite	1814	+730
Base Anhydrite	1854	+690
Heebner	3856	-1312
Lansing	3898	-1354
Pawnee	4357	-1813
Ft. Scott	4418	-1874
Cherokee	4442	-1898
Mississippian	4512	-1968
Miss.Dolo.Porosity	4522	-1978

Pf: 4523-25 AC 250 gal.
 swb. 5 bbls. fluid/hr. (20% Oil)
 pop

CASING RECORD <input 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"	24.7#	302'	60-40noz	150	3%cc 2%gel
Production	7.7/8"	5.1/2"	14#	4584'	60-40noz	125	2%gel 1.8% salt Sat. 3/4 of
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2/ft	4533			Standard squeeze cement		4533	
2/ft	4521-22			250 gal. MCA		4521-22	
4/ft	4523			250 gal. MCA		4523	
4/ft	4523-25			250 gal. MCA		4523-25	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 7/8"	3500				
Date of First Production		Producing Method					
12-1-88		<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	Gas	Water	Gas-Oil Ratio	Gravity		
	17 Bbls	MCF	160 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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