

ORIGINAL

SIDE ONE

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

API NO. 15- 007-22,376 -0000

County Barber
300' N. _____ East
SE SE SE Sec. 20 Twp. 31 Rge. 11 X West

Operator: License # 3372

630' Ft. North from Southeast Corner of Section

Name: Morrison-Dixon Oil Operations, Inc.

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

Address 155 N. Market, Suite #950
Wichita, Kansas 67202

Lease Name Watkins Well # 1

City/State/Zip _____

Field Name W.C.

Producing Formation D&A

Purchaser: N/A

Elevation: Ground 1678 KB 1683

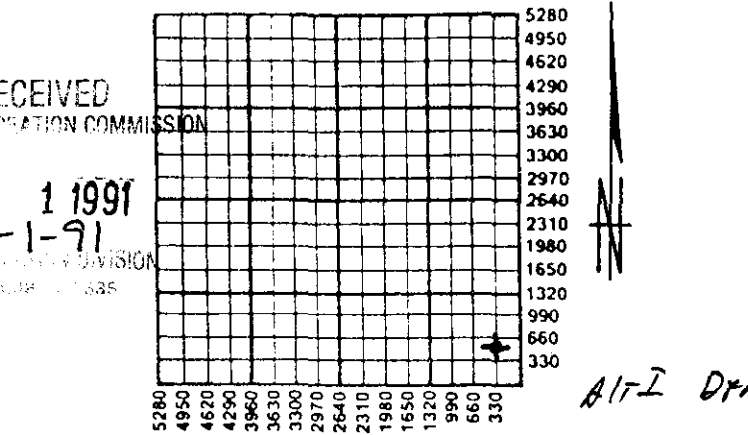
Operator Contact Person: Micheal W. Dixon

Total Depth 3900' PBDT ---

Phone (316) 264-9623

Contractor: Name: Allen Drilling Company

License: 5418



Amount of Surface Pipe Set and Cemented at 230' 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.

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

RECEIVED
STATE CORPORATION COMMISSION

NOV 1 1991
11-1-91

OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

If **OWMO**: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

9-4-91 9-9-91 9-10-91
Spud Date Date Reached TD Completion Date

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 Micheal W. Dixon
Title Vice-President Date 10-10-91

Subscribed and sworn to before me this 10th day of October, 19 91.

Notary Public Vicci L. Lortz

Date Commission Expires _____

NOTARY PUBLIC State of Kansas
VICCI L. LORTZ
My Appt. Exp. 6-12-95

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

SIDE TWO

Operator Name Morrison-Dixon Oil Operations, Inc. Lease Name Watkins Well # 1
 Sec. 20 Twp. 31 Rge. 11 East West County Barber

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

Name	Formation Description	
	Top	Bottom
Onaga Shale	2691	-1008
Indian Cave	2702	-1019
Wabaunsee	2741	-1058
Topeka	3152	-1469
Elgin	3496	-1813
Heebner	3657	-1974
Iatan	3846	-2163
Lansing	3859	-2176

DST #1 3643-3700
 30-30-30-30
 Rec. 5' Mud
 IFP 43-43# FFP 53-53#
 ISIP 43# FSIP 53#

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 1/4"	8-5/8"	20#	230	60/40 poz	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				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 _____

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: (Oil) Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Gear Petroleum Company, Inc.

API NO. 15-007-21,388-0000

ADDRESS 300 Sutton Place

COUNTY Barber

Wichita, Kansas 67202

FIELD Wheland

**CONTACT PERSON Jim Thatcher

PROD. FORMATION Mississippi

PHONE 316 265 3351

LEASE Chain Ranch

PURCHASER Oil: Permian Gas: Unknown

WELL NO. 2-19

ADDRESS P. O. Box 1183

WELL LOCATION NE SE NE

Houston, Texas 77001

330 Ft. from East Line and

DRILLING Graves Drilling Company, Inc.

990 Ft. from South Line of

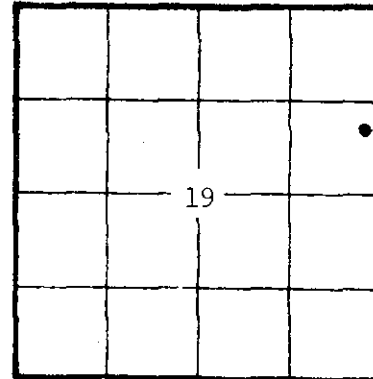
CONTRACTOR

ADDRESS 910 Union Center

the NE/4 SEC. 19 TWP. 31S RGE. 11W

Wichita, Kansas 67202

WELL PLAT



KCC
KGS
(Office Use)

PLUGGING

CONTRACTOR

ADDRESS

TOTAL DEPTH 4430' PBTD 4403'

SPUD DATE 1-29-82 DATE COMPLETED 2-8-82

ELEV: GR 1594 DF 1602 KB 1605

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 260' w/185 cement DV Tool Used? No

AFFIDAVIT

STATE OF Kansas, COUNTY OF Sedgwick SS, I,

Jim Thatcher OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Drlg/Prod Manager (FOR)(OF) Gear Petroleum Company, Inc.

OPERATOR OF THE Chain Ranch LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 2-19 ON

SAID LEASE WAS COMPLETED AS OF THE 8th DAY OF February, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

RECEIVED
STATE CORPORATION COMMISSION
APR 22 1982

CONSERVATION DIVISION
Wichita Kansas

(S) *Jim Thatcher*

SUBSCRIBED AND SWORN BEFORE ME THIS 21st DAY OF April, 19 82.

HELEN L. COVER
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Expires: 11-7-86

Helen L. Cover
NOTARY PUBLIC

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOSS RVM, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Red Bed	0	730	Heebner	3567
Red Bed & Sand	730	1400	LKC	3776
Shale & Lime	1400	1912	Base LKC	4234
Lime & Shale	1912	2140	Mississippi	4352
Shale & Lime	2140	2548	TD	4430
Lime & Shale	2548	2918		
Shale & Lime	2918	3118		
Lime & Shale	3118	3463		
Shale & Lime	3463	4147		
Lime & Shale	4147	4351		
Lime	4351	4430		
Rotary Total Depth		4430		
DST #1: Times 30/60/45/90 Rec 90' mud; Flow Press 120/71 - 71/120 SIP 515/590	3567	3630		
DST #2: Times 30/75/45/120 GTS 2", 2 MMCF, 200' MW, Flow Press 850/850 850/850, SIP 1709/1709	4324	4351		
DST #3 Times 30/60/45/90 GTS 8", 21 MCF, 930' oil, Flow Press 211/ 258 - 264/296, SIP 1573/1573	4354	4382		

RELEASED

MAR 09 1984

FROM CONFIDENTIAL

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Seals	Type and percent additives
Surface casing	12 1/4"	8-5/8"	20#	260'	Common cement	185 sx	2% Gel, 3% CC
Long String	7-7/8"	4 1/2"	10.5#	4428'	Common cement	100 sx	None

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Seals cement	Shots per ft.	Size & type	Depth interval
			2	Jet	4365-79
TUBING RECORD					
Size	Setting depth	Pecker set at			
2 3/8	4350	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production 4/19/82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 34
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RATE OF PRODUCTION PER 24 HOURS	Oil 8 bbls.	Gas 410 MCF	Water 94 %	Gas-oil ratio 120 bbls.	51250 CFPB
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Disposition of gas (vented, used on lease or sold)
Shut in Wait on gas line

Perforations
4365-79