

CONFIDENTIAL

ORIGINAL

RELEASED

SIDE ONE

JAN 20 1991

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

API NO. 15- 033-20,769-00-00

County Comanche FROM CONFIDENTIAL

100' S. & 50' Sec. 31 Twp. 32S Rge. 16 East West

E of C NE 1/4 3,860 Ft. North from Southeast Corner of Section

1,270 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

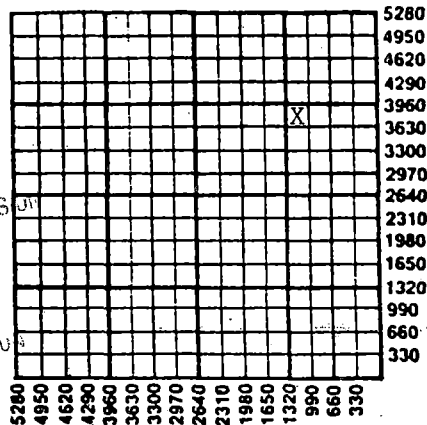
Lease Name Garten Well # 1-31

Field Name Shimer

Producing Formation Mississippi

Elevation: Ground 1873 KB 1879

Total Depth 5100 PBTD 5061



MT I
8-07-90

Amount of Surface Pipe Set and Cemented at 435 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.

Operator: License # 4581

Name: EXOK, Inc.

Address 6410 B. North Santa Fe

City/State/Zip Oklahoma City, OK 73116

Purchaser: Oxy Gas Marketing

Operator Contact Person: ~~JOLLYXPCXXX~~ Cindy Heinze

Phone (405) 840-9196

Contractor: Name: Brandt Drilling Co., Inc.

License: 5840

Wellsite Geologist: Tom Funk

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

11/6/89 11/18/89 1/9/90

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 James W. Wallis
Title President Date 1/26/90

Subscribed and sworn to before me this 26th day of January, 19 90.

Notary Public Cynthia K. Heinze

Date Commission Expires 6/9/93

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)

SIDE TWO

Operator Name EXOK, Inc. Lease Name Garten Well # 1-31
 East County Comanche
 Sec. 31 Twp. 32S Rge. 16 West

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.)
 DST #1: 4951-4981; 30-60-60-90, first flow 10 min. - 86 MCF; 20 min. - 101 MCF; 30 min. - 116 MCF. Second flow 15 min. - 101 MCF, 30 min. - 129 MCF; 45 min. - 153 MCF, 60-90 min. - 171 MCF. Recovered 120' mud. IFP 88-88, FFP 88-89, SIP 1489-1489

Formation Description
 Log Sample
 Name Top Bottom
 Elgin Sand 3,970
 Oread 4,053
 Heebner 4,094
 Brown Lime 4,278
 Stark 4,597
 Marmaton 4,752
 Cherokee 4,886
 Mississippi 4,943

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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 1/4"	8 5/8	23#	435		215	2% gel, 3% cc
production		4 1/2	10.5#	5,000	BJ surfil	150 + 75	60/40 poz mix thixotropic

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
2	4960-4970	3000 gal 20% HCl acid plus 20% methanol, foam acid and displace w/ N2	4960-70

TUBING RECORD Size 2 3/8 Set At 5,021 Packer At none Liner Run Yes No

Date of First Production 1/10/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours: Oil 0- Bbls. Gas 325 Mcf Water 1.67 Bbls. Gas-Oil Ratio n/a 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 4960-4970