

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

API NO. 15-093-20750-0001

County..... Kearny

SW NE NE 12 24S 35 East
..... Sec..... Twp..... Rge..... X West

4030 Ft North from Southeast Corner of Section
1250 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

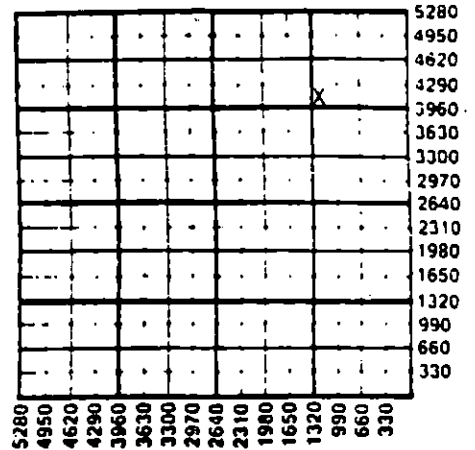
Lease Name..... Garden City F Well #..... 2

Field Name..... Hugoton

Producing Formation..... Chase

Elevation: Ground..... 2935' DF 2940'

Section Plat



Operator: License # 5447
Name Cities Service Oil & Gas Corp
Address 3545 NW 58th Street
..... Oklahoma City, Oklahoma
City/State/Zip 73112

Purchaser..... K-N Energy Inc.

Operator Contact Person Raymond Hui
Phone (405) 949-4268

Contractor: License #
Name Wakefield Drilling Company

Wellsite Geologist.....
Phone.....

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ON/O: old well info as follows:

Operator Cities Service Oil & Gas Corp
Well Name Garden City F #2
Comp. Date 3-22-83 Old Total Depth..... 2670'

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

..... 1-2-82 2-9-82 12-11-87.....
Spud Date Date Reached TD Re Completion Date
..... 2670' 2642'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at..... 2380 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set..... DV 1001 @ 835 feet
If alternate 2 completion, cement circulated
from..... feet depth to..... /..... SX cmt
Cement Company Name
Invoice #

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.&.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 Del G. Oliver *Del G. Oliver*

Title..... Special Projects Manager Date 1-4-88

Subscribed and sworn to before me this .. 4th .. day of .. January ..
19 .. 88 ..

Notary Public..... *Jessie J. Horvath*

Date Commission Expires..... 4-24-89

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION

6-19-88

JAN 19 1988

Form ACO-1 (5-86)

Operator Name **Oil & Gas Corp** Lease Name **Garden City F.** Well # **2**
 NW/4 SE/4 SE/4
 Sec **12** Twp **24S** Rge **35** East West County **Kearny**

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

Ran Schlumberger depth control log. Ran Dual Induction/SFL, formation Density/Compensated Neutron, GR.

Core #1 2400-2460' (60')
 Core #2 2460-2520' (60')
 Core #3 2529-2567' (47')

Drill Stem Tests - See attachments.

*DV at 835' w/650 sx

Name	Top	Bottom
Sand, Shale & Clay	0	1037
Sand & Redbed	1037	1315
Salt & Gyp	1315	1775
Gyp, Redbed & Sand	1775	1975
Lime & Shale	1975	2115
Shale & Lime	2115	2385
Lime	2385	2400
Shale	2400	2460
Lime	2460	2468
Lime & Shale	2468	2567
Shale	2567	2572
Lime, Shale & Sand	2572	2670
TD		2670
PBTD		2526

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
Conductor Pipe	30"	20"		57'	Cl.H.	250	
Surface	13-3/4"	9-5/8"	36#	2380'	Cl.H. 65/30	Poz. 850	sx gel & Ca Cl
Production	8-3/4"	7"	23#	2663'	Cl.H.	200	10% salt D-29 D46 & D65
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	Lowanda 2585-2588 (squeezed)						
1	Chase 2411-2590' (112" 121 holes)			529 gal 10% acetic acid 950 bbls. 2% KCLW		2411-2590' 2411-2590'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
Waiting on PL conn.		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
1-point test	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
Estimated Production Per 24 Hours		594 MCF	21 bbls of LW	CFPB			
12-7-87	bbls						

METHOD OF COMPLETION

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

Production Interval
 2411-2420'
 2426-2430'
 2444-2460'
 2464-2480'
 2492-2497'
 2502-2526'
 2534-2538'
 2548-2552'
 2560-2590'