plugged 10-1-89

SIDE ONE

5

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- 065-22,399 -00-00

County Graham

NE/4NW/4NW/4 Sec. 12 Twp. 6S Rge. 23 ___ East X West

4950 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Nighswonger Well # 12-1

Field Name Wildcat

Producing Formation

Elevation: Ground 2348 KB 2353

Operator: License # 3153
Name Cardwell & Parker
Address P. O. Box 1721
City/State/Zip Plano, TX 75074

Purchaser

Operator Contact Person Ken Fletcher
Phone 214-422-4995

Contractor: License # 5107
Name H-30 Drilling, Inc.

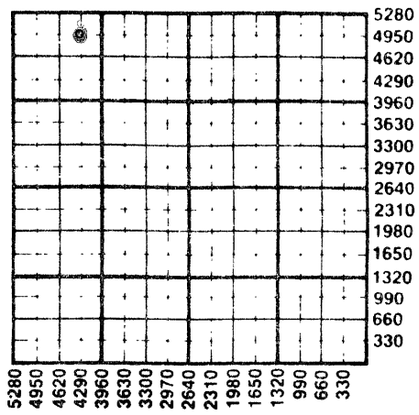
Wellsite Geologist Terry McLeod
Phone 316/265-6431

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

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

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

Section Plat



WELL HISTORY

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

9-26-87	10-1-87	10-2-87
Spud Date	Date Reached TD	Completion Date

3855'	
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 332 feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ 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

X Other (explain) Purchased from landowner's small pond
(purchased from city, R.W.D. #)

RECEIVED
STATE CORPORATION COMMISSION
1-5-88
JAN 08 1988
CONSERVATION DIVISION
Wichita, Kansas

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.

X Signature Kenneth M. Cardwell

Title Agent Date 1-4-88

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

Notary Public Patricia K. Koch

Date Commission Expires 7-10-89

PATRICIA K. KOCH—Notary Public
In & For The State of Texas
My Commission Expires 7-10-89

K.C.C. OFFICE USE ONLY
F ___ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ___ Drillers Timelog Received
STATE CORPORATION COMMISSION
JAN 08 1988
Distribution
✓ KCC ___ SWD/Rep ___ NGPA
✓ KGS ___ Plug ___ Other
CONSERVATION DIVISION
Wichita, Kansas
(Specify)

Sec. 12 Twp. 6 Rge. 23W

Form ACO-1 (5-86)

SIDE TWO

Operator Name ....Cardwell & Parker..... Lease Name...Nighswonger.....Well #...12-1

Sec...12..... Twp...6S..... Rge...23..... ☐ East ☒ West County.....Graham.....

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

DST #1 3677'-3775'
30"-45"-30"-60"
IFP 38#-38#
FFP 47#-47#
ISIP 629# FSIP 639#
Recov. 20' oil spotted mud

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Shale and Sand	0	336'
Shale	336'	921'
Shale and Shells	921'	1,444'
Lime and Shale	1,444'	1,460'
Shale	1,460'	1,560'
Sand	1,560'	1,754'
Shale and Lime	1,754'	2,024'
Anhydrite	2,024'	2,032'
Lime and Shale	2,032'	3,855'
Rotary Total Depth		3,855'

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"	20#	332'	60/40 Poz	190	2% gel, 3% cc

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify) .....

☐ Dually Completed
☐ Commingled