

* AMENDED 3/28/89

SIDE ONE (FORMERLY: HENRY V. TUCKER #1)

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

Operator: License # 5208
Name MOBIL OIL CORPORATION
Address P.O. BOX 5444

City/State/Zip DENVER, COLORADO 80217

Purchaser NORTHERN NATURAL GAS
2223 DODGE ST.
OMAHA, NEB. 68102

Operator Contact Person B. R. MAYNARD
Phone (303) 298-2069

Contractor: License # 9137
Name UNIT DRILLING & EXPLORATION CO.

Wellsite Geologist J. PHILLIPS
Phone (303) 298-3653

Designate Type of Completion
XX New Re-Entry Workover

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

If OWN: old well info as follows;

Operator
Well Name
Comp. Date

WELL HISTORY

Drilling Method:
XX Mud Rotary Air Rotary Cable

3-24-88 3-28-88 4-20-88
Spud Date Date Reached TD Completion Date

5700' 5650'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1694 feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 3200 feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cnt

Cement Company Name

Invoice #

API No. 15- 175-20995

COUNTY SEWARD

NE SW SW Sec 1 Twp 32S Rge 34 East X West

660 Ft North from Southeast Corner of Section
4745 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name BOLES #1-E UNIT WELL # 2

Field Name SILVERMAN

Producing Formation CHESTER

Elevation: Ground 2848 KB 2864

SECTION PLAT

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # NA Repressuring

Questions on this portion of ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit# T88-153

XX Groundwater 450 Ft. North from Southeast Corner
(well) 4811 Ft. West from Southeast Corner of
Sec 1 Twp 32S Rge 34 East X 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 from with all temporarily abandoned wells.

All requirements of 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 B. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 3-13-89

Subscribed and sworn to before me this 3rd day of March

1989 Notary Public

Date Commission Expires 1/3/91

B. R. Maynard 3/28/89

K.C.C. OFFICE USE ONLY

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

Distribution

XCC SWD/Rep NGPA
XGS Plug Other
(Specify)

SIDE TWO

Boles Unit 'E'

1-2

Operator Name MOBIL OIL CORPORATION

Lease Name HENRY T. TUCKER

Well #1

Sec 1 Twp 32S Rge 34 East
XX West

County SEWARD

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 XX No
 Samples Sent to Geological Survey XX Yes ____ No
 Cores Taken ____ Yes XX No

Formation Description
 XX Log ____ Sample

Name	Top	Bottom
CHASE	2547'	
COUNCIL GROVE	2876'	
ADMIRE	3125'	
WABAUNSEE	3242'	
HEEBNER	4010'	
LANSING	4166'	
KANSAS CITY	4406'	
MARMATON	4818'	
CHEROKEE	5008'	
MORROW	5365'	
CHESTER	5489'	
STE. GENEVIEVE	5604'	

CASING RECORD

XX 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"	24#	1694'	CL C LITE	585 SX	65:35:6 +3% CACL ₂
					CL C	185 SX	+2% CACL ₂
Production	7-7/8"	5-1/2"	14#	5700'	CL H	435 SX	50:50 POZ +2% GEL
					CL H	410 SX	50:50POZ 2%GEL 2%CACL ₂

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used)

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
4 SPF	5571'-5579'	5571'-
4 SPF	5581'-5585'	5585' OA

TUBING RECORD Size 2-7/8" Set At 5508' Packer At 5516'

Liner Run ____ Yes XX No

Date of First Production

Producing Method

XX Flowing ____ Pumping ____ Gas Lift ____ Other (explain) ____

1-30-89

Estimated Production
Per 24 Hours

Oil

Gas

Water

Gas-Oil Ratio

Gravity

0 Bbls

360 MCF

0 Bbls

CYFB

METHOD OF COMPLETION

Disposition of gas: ____ Vented

____ Open Hole XX Perforation

XX Sold

____ Other (Specify) ____

____ Used on Lease

Production In

5571'-5585'

____ Dually Completed

____ Conningled