

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6393
Name Brougher Oil, Inc.
Address P.O. Drawer 1367
City/State/Zip Great Bend, KS 67530

Purchaser: Texaco Trading
P.O. Box 5568, Denver, Colo.

Operator Contact Person Mr. Joe E. Brougher
Phone 316-793-5610

Contractor: License # 6394
Name Mohawk Drilling, Inc. Rig #8

Wellsite Geologist Mr. Larry Bookless
Phone 316-793-8837

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

If OWWO: old well info as follows:
Operator Barnett Drilling Co.
Well Name #1 NAPUE
Comp. Date 12/30/49 Old Total Depth 3738

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/15/85 1/19/85 2/15/85
Spud Date Date Reached TD Completion Date
3810 3694
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 180 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 1640 feet depth to SURFACE 300 w/.....SX cmt

API NO. 15-065-01,010-0001
County Graham
NE NE SW Sec. 4 Twp. 9 Rge. 21w East West

2310 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

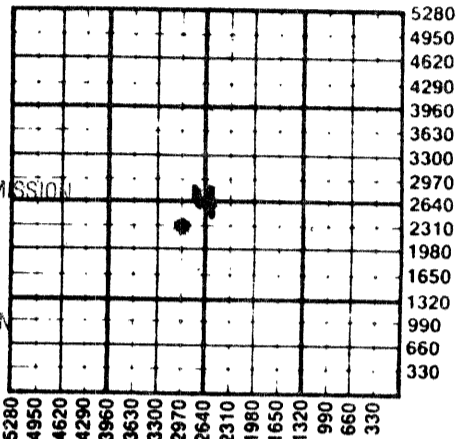
Lease Name NAPUE "OWWO" Well # 1

Field Name Morel

Producing Formation Marmaton **TIGHT HOLE NOT RELEASED**

Elevation: Ground 2169 KB 2179

Section Plat



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 # NONE

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) City of Bogue, Kansas
(purchased from city, R.W.D. #)

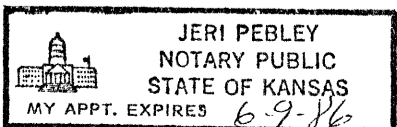
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 Joe E. Brougher
Title President Date 4/18/85

Subscribed and sworn to before me this 18 day of April 1985
Notary Public Jeri Pebley

Date Commission Expires 6-9-86



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

Sec. 1, Twp. 9, Rge. 21W

SIDE TWO

Operator Name ... Brougner Oil, Inc. ... Lessee Name NAPUE "OWWOW" Well# .1. SEC .4. TWP. 9s. RGE. 21w. East West

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

DST #1 (3675-3738) Arbuckle
 TIMES: 45:60:45:60
 REC: 125' Oil Cut Mud
 SIP: 1043/1078 HP: 2041/2970
 FP: 70-87/87-122 BHT: 110°F

DST #2 (3534-3577) LKC "J"- "L" zones
 Hookwall Straddle (Packer Failure)

DST #3 (3432-3575) LKC "J"- "L" zones
 Hookwall Straddle (Hookwall Failure)

Name	Depth Top Bottom	Datum Bottom
Anhydrite	1635	+ 544
Base/Anhydrite	1668	+ 511
Topeka	3119	- 940
Heebner	3329	-1150
Toronto	3353	-1174
Lansing	3370	-1191
BKC	3580	-1401
Marmaton	3616	-1437
Conglomerate	3682	-1503
Arbuckle	3729	-1550
RTD	3810	-1631
LTD	3810	-1631

Electra Log, Inc.
 Radiation Guard Log

WELEX, Inc.
 Fluid Travel Log

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RELEASED
 JUN 06 1986

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	percent additives
Surface	12 1/4"	8.5/8"		180'	(Unknown)		
Production (N)	7.7/8"	5 1/2"	14	3809'	E-A-2	200	18% Salt, 5% CC

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)

shots per foot	specify footage of each interval perforated	Depth
3	3724-3732 (Arb)	3810
3	3669-3681 (Marm)	3688

AC: 300gals (15%MCA), FU: 1200/48Hrs.
 SWB DWN: Top 200' had SSO, Perm Plug @ 3694'
 SWB DWN: GSGO, AC: 750gals (15%Db1 Strength FE), PRESS: 950#, VAC in 2' (cont.)

Line Pipe Yes No

Producing method Venting Pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
2/27/85	25 Bbls	MCF	10 Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL

3669-3681

Brougner Oil, Inc.
#1 NAPUE "OWWO"
NE NE SW
Sec 4-9s-21w
Graham County, KS

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SPF PERFORATION RECORD

ACID,FRAC,SHOT,CEMENT SQUEEZE RECORD

Marmaton (continued)

Total load was 102bbbls, Swb back 40bbbls w/S
50bbbls back (19%OIL), 70bbbls back (32%OIL),
80bbbls back (32%OIL), 15 minute test rec 5bt
(48%OIL), FU:1200/16HRS, 200' Oil on top,
Swb 80bbbls (13%OIL), 190bbbls (11%OIL), 240bt
(10%OIL), 260bbbls (6%OIL), 280bbbls (10%OIL),
300bbs (9%OIL), 320bbbls (11%OIL), Ran PACKER
3600, Ran WELEX FLUID TRAVEL LOG, Arb CHANNE
to Marm, Moved PACKER to 3630', SQZ w/ 150 s
60/40 POZ, 2%Gel, 3%CC, Pulled PACKER, REPER
Marm (3669-3681) 3SPF, FU:60'OIL CUT WATER/1
DOUBLE SHOT the Marm from 3668-3674/3SPF, SV
DWN: 20'OCWtr, FU:425'/16HRS, (375'GsyOIL, s
HOCWtr), REAC: 250gals DBL STRENGTH FE, SWB
1400', 100%OIL, PERFORATED TOP OF ANHYDRITE
1640', SQZ CMT TO SURF w/300 gals Howco ligh
50 sks 60/40 POZ, Drilled out 50' of firm cr
RAN tubing and rods, POP, 2/15/85

MAY 31 1985

Oil & Gas Survey
CITY BRANCH

RECEIVED
STATE CORPORATION COMMISSION

APR 19 1985

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

JUN 06 1986

FROM CONFIDENTIAL

