

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

Operator: License # 5208
Name: Mobil Oil Corporation
Address P.O. Box 2173
2319 North Kansas Avenue
City/State/Zip Liberal, KS 67905-2173
Purchaser: Spot Market
Operator Contact Person: Sharon Cook
Phone (316) 626-1142
Contractor: Name: Key Energy
License: 232443
Wellsite Geologist: L. J. Reimer

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator: Mobil Oil Corporation
Well Name: Flower #1 Unit Well #2
Comp. Date 6-7-82 Old Total Depth 6284
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2-16-99 2-18-99
Spud Date Date Reached TD Completion Date
PU Installed Compl. Date

API NO. 15- 189-20547-0002
County Stevens
- - C - NE Sec. 22 Twp. 33 Rge. 36 E
1320 Feet from S/W (circle one) Line of Section
1321 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
Lease Name Flower #1 Unit Well # 2
Field Name Hugoton
Producing Formation Chase
Elevation: Ground 3042 KB 3052
Total Depth 6284 PBDT 2990
Amount of Surface Pipe Set and Cemented at 1763 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set NA Feet
If Alternate II completion, cement circulated from NA
feet depth to NA w/ NA SX cmt.

Drilling Fluid Management Plan Re-work, 4-19-99
(Data must be collected from the Reserve Pit) U.R.

Chloride content NA ppm Fluid volume NA bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name NA
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 Sharon A. Cook Sharon A. Cook
Title Regulatory Asst. Date 4-12-99
Subscribed and sworn to before me this 12th day of April,
19 99.
Notary Public Lyann K. Hunt
Date Commission Expires February 20, 2001

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



RECEIVED
STATE CORPORATION COMMISSION

APR 13 1999
4-13-99
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Flower #1 Unit Well # 2

Sec. 22 Twp. 33 Rge. 36 East County Stevens

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 (Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run: NO CHANGE

Log Formation (Top), Depth and Datums Sample Name Top Datum

NO CHANGE

CASING RECORD table with columns: 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. Includes 'NO CHANGE' entry.

ADDITIONAL CEMENTING/SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Inj., Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: METHOD OF COMPLETION Production Interval. Includes options like Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled.

Stamp: ORIGINAL, NOV 19 1950, STEVENS CO. IOWA

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. No Log

LICENSE # 5208 EXPIRATION DATE 6/30/83

OPERATOR Mobil Oil Corporation API NO. 15-189-20547

ADDRESS P. O. Box 5444 COUNTY Stevens

Denver, CO 80217 FIELD Walkemeyer

** CONTACT PERSON C. J. Park PROD. FORMATION Morrow

PHONE 303/572-2696

PURCHASER Northern Natural Gas LEASE Flower Unit #1

ADDRESS 2223 Dodge Street WELL NO. #2

Omaha, Nebraska 68102 WELL LOCATION C NE/4

DRILLING Zenith Drilling Corporation 1320 Ft. from North Line and

CONTRACTOR 1321 Ft. from East Line of

ADDRESS 505 4th Financial Center the NE/4 (Qtr.) SEC 22 TWP 33S RGE 36W(W).

Wichita, Kansas 67202

PLUGGING - WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS

ADDRESS

TOTAL DEPTH 6284' PBD 6223'

SPUD DATE 9/5/81 DATE COMPLETED 6/7/82

ELEV: GR 3042' DF KB 3053'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE CD - 3805 (R - 1982-0)

Amount of surface pipe set and cemented 1763' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

C. J. Park, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

(Signature) (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 23 day of March 1983.

(Signature) (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

** The person who can be reached by phone regarding any questions concerning this information.

RECEIVED STATE COMMISSION

APR 13 1983

OPERATOR Mobil Oil Co Location LEASE Flower Ut. #1

22 TWP. 37S RGE. 36W

FILL IN WELL 1 INFORMATION AS REQUIRED: WELL 2

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Show all important series of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.				
X Check if no Drill Stem Tests Run.				
Sand	0	40	Council Grove	3976
Sand & Red Bed	40	830	Wabanusee	3450
Red Bed	830	1763	Topeka	3754
Lime & Shale	1763	6280	Heebner	4169
			Toronto	4221
			Marmathon	5066
			Morrow	5778
			Morrow Sand	6108
			Chester	6174

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediates, production, etc. CASING RECORD (New) or (Use)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Secks	Type and percent additives
Surface csg.	12 1/4"	8 5/8"	24#	1763'	Class H	550	12% Gel+ 3% CaCl ₂
Prod. csg.	7 7/8"	5 1/2"	DV @ 14#	3265	1st Stage-	200	3% CaCl ₂
				6280	Class H	250	Salt Sat. +1/4#/sk Flocele+15 scratters
					2nd Stage		
					Halliburton	500	1/4#/sk flocele
					Class H	200	18% salt + .75 CFP

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Secks cement	Shots per ft.	Size & type	Depth interval
			2/ft.		6108-32'
Size short string 6062'	Fecker set at				
2 1/16" long string 6170'	2/ft.		2/ft.		6141-49'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 gal. MOD - 101 - with 85 ball sealers.	6108/6149'
Faced with 80,000 gals. versagel 1400 with 135,000# 20/40.	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
7-22-82		
Estimated Production -I.P.	Oil Gas Water %	Gas-oil ratio
	bbbl. /033 MCF	bbbl. CFPB
Disposition of gas (vented, used on lease or sold)		Perforations 6108/6149'