

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

5

API No. 15- 189-21262 - 0000

COUNTY STEVENS

SE NW NW Sec 10 Twp 32S Rge 35 W West

4413.8 Ft North from Southeast Corner of Section
4018.05 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name VERNON COMBES WELL # 3

Field Name WILDCAT

Producing Formation CHESTER

Elevation: Ground 2997' KB 3013'

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

City/State/Zip DENVER, COLORADO 80217

Purchaser SOLD ON SPOT MARKET---TRANSPORTED BY
TA'D

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

Contractor: License # 9137
Name UNIT DRILLING & EXPLORATION

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

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

If OWD: old well info as follows;
Operator
Well Name
Comp. Date

WELL HISTORY

Drilling Method:
XX Mud Rotary Air Rotary Cable

10-1-88 10-8-88 TA'D 10-8-88
Spud Date Date Reached TD Completion Date

6320' 1843'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1758 feet
Multiple Stage Cementing Collar Used? Yes XX No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cat
Cement Company Name
Invoice #

SECTION PLAT

4x4 grid section plat with an 'X' in the top-left cell.

WATER SUPPLY INFORMATION

Disposition of Produced Water: XX Disposal
Docket # CD-82408 Repressuring

Questions on this portion of ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit# T88-489

XX Groundwater 4573 Ft. North from Southeast Corner
(well) 3998 Ft. West from Southeast Corner of
Sec 10 Twp 32S Rge 35 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 form 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 11-22-88

Subscribed and sworn to before me this 22 day of November 1988
Notary Public
Date Commission Expires 1/3/91

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
Distribution
KCC SMD/Rep NGPA
KGS Plug Other
(Specify)
11-28-88

31
SIDE TWO

Operator Name MOBIL OIL CORPORATION

Lease Name VERNON COMBES

RELEASED

Sec 10 Twp 32S Rge 35 XX East
XX West

County STEVENS

MAR 0 7 1990

WELL LOG

FROM CONFIDENTIAL

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

Formation Description
XX Log Sample

Name	Top	Bottom
CHASE	2647'	
WINFIELD	2714'	
COUNCIL GROVE	2951'	
ADMIRE	3219'	
WABAUNSEE	3352'	
HEEBNER	4154'	
LANSING	4263'	
KANSAS CITY	4580'	
HARMATON	4978'	
CHEROKEE	5179'	
MORROW	5590'	
CHESTER	5847'	
STE. GENEVIEVE	6108'	
ST. LOUIS	6210'	

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#	1758'	CL C LITE	613 SX	65:35:6 +3% CACL ₂
					CL C	163 SX	+2% CACL ₂
Production	NONE					SX	
						SX	

PERFORATION RECORD

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

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
TA'D		

TUBING RECORD Size NONE Set At Packer At Liner Run Yes XX No

Date of First Production TA'D Producing Method Flowing Pumping Gas Lift Other (explain)

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

METHOD OF COMPLETION

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

Production Interval

TA'D

Mobil Oil Corporation

DEN-800 (5/78)

DENVER EAST DIVISION DRILL STEM TEST REPORT FORM

RELEASED

MAR 07 1990

WELL NAME Vernon Combes #3

FROM CONFIDENTIAL

Well # #1
Location Chester
Interval 6072' - 6143'
Depth 6143'
Company Trilobite Testing Co.

Hole Size 7 7/8"
Conventional Inflatable _____ Straddle _____
Top Pkr Set @ 6067 Btm Pkr Set @ 6072'
Type of Cushion Fluid None
Amount of Cushion None

Well open at 3:20 AM hours. 10-7-88 Date.
Initial open period 15 mins.
Initial shut-in period 75 mins.
Initial flow period 90 mins.
Initial shut-in period 300 mins.

Description of blow on initial open period Weak Built to Fair 3" under surface of water

Description of blow during test Weak Blow T/O

Surface S. None mins.; O.T.S. None mins.; Bottom hole choke size 3/4"

Surface choke size 1"
Flow Rate: Gas None C.F.P.D. Oil None B.P.H. G.O.R. None

Gravity of Gas None Gravity of Oil None
Initial fluid recovery 530' 100' MUD 430' SALT WATER

Resistivity of H₂O 165 @ 560 Chlorides of H₂O 60,000 P.P.M.
Depth of top press bomb 6139' Bottom bomb 6142'

TOP BOMB DATA:

Top Bomb:
I.H.P. 3008
I.F.P. 57 to 93
I.S.I.P. 1782
F.F.P. 124 to 301
F.S.I.P. 301
F.H.P. 2820
Temp. 126° F
Was S.I.P. building? YES

BOTTOM BOMB:

Bottom Bomb:
I.H.P. SAME
I.F.P. _____ to _____
I.S.I.P. _____
F.F.P. _____ to _____
F.S.I.P. _____
F.H.P. _____
Temp. _____

STEM CHAMBER DATA:

Gas None C.F.
Oil None C.C.
Pressure 3600 C.C.
Fluid None C.C.
Sample Chamber Pressure 90 psi

REMARKS:

TRILOBITE TESTING CO. RAN THE TEST. BRUCE FICKEL WAS THE TESTER. THE JOB WAS SANSERADAY.

I, _____, certify that the statements herein are complete and correct to the best of my knowledge.

Signature [Signature] B. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 11-22-88

Subscribed and sworn to before me this 22nd day of November 1988
Notary Public [Signature]

Date Commission Expires 1/3/91

K.C.C. OFFICE USE ONLY		
<input checked="" type="checkbox"/>	F	Letter of Confidentiality Attached
<input checked="" type="checkbox"/>	C	Wireline Log Received
<input checked="" type="checkbox"/>	C	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	SWD/Rep
<input checked="" type="checkbox"/>	KGS	Plug
<input type="checkbox"/>		NGPA
<input type="checkbox"/>		Other
(Specify)		

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

DEC 06 1988

Form ACO-1 (5-86)

RECEIVED
KANSAS GEOLOGICAL SURVEY COMMISSION
NOV 28 1988
CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

RELEASED

MAR 07 1990

Drill-Stem Test Data

FROM CONFIDENTIAL

Name & No.	VERNON COMBS #3	Test No.	1	Date	10-7-88
Company	MOBIL OIL CORPORATION	Zone Tested	CHESTER		
Address	P.O. BOX 5444 DENVER COLO 80217		Elevation	3013	
Co. Rep./Geo.	WALLACE HOLT	Cont.	UNIT #19	Est. Ft. of Pay	0
Location: Sec.	10	Twp.	32S	Rge.	35W
		Co.	STEVENS KS	State	KS

Interval Tested	6072-6143	Drill Pipe Size	4.5 XH
Anchor Length	71	Top Choke — 1"	
Top Packer Depth	6067	Bottom Choke — 3/4"	
Bottom Packer Depth	6072	Hole Size — 7 1/8"	
Total Depth	6143	Rubber Size — 6 1/4"	
Wt. Pipe I.D. — 2.7		Ft. Run	0
Drill Collar — 2.25		Ft. Run	725
Mud Wt.	9.2 lb./gal.	Viscosity	48
		Filtrate	9.6
Tool Open @ 3:20	Initial Blow	WEAK BUILT TO FAIR 3" IN	
BUCKET ISI: NO BLOWBACK			
Final Blow	WEAK BLOW THROUGHTOUT 1" IN BUCKET		
FSI: NO BLOWBACK			

Recovery — Total Feet	530	Flush Tool?	NO
Rec. 100	Feet of	DRILLING MUD	
Rec. 430	Feet of	SALT WATER	
Rec. 0	Feet of		
Rec. 0	Feet of		
Rec. 0	Feet of		
Rec. 126	Feet of		
BHT 126 °F	Gravity	°API @ 0	Corrected Gravity 0 °API
RW .165 @ 56	°F Chlorides	60000	ppm Recovery Chlorides 1000
(A) Initial Hydrostatic Mud	3015.8 PSI	AK1 Recorder No.	13339 Range 4025
(B) First Initial Flow Pressure	55.1 PSI	@ (depth)	6139 w/Clock No. 25828
(C) First Final Flow Pressure	87.3 PSI	AK1 Recorder No.	5494 Range 4050
(D) Initial Shut-In Pressure	1790.5 PSI	@ (depth)	6142 w/Clock No. 25811
(E) Second Initial Flow Pressure	124.7 PSI	Initial Opening	15
(F) Second Final Flow Pressure	291.1 PSI	Initial Shut-In	75
(G) Final Shut-In Pressure	1773.5 PSI	Final Flow	90
(H) Final Hydrostatic Mud	2820.8 PSI	Final Shut-In	300

BRUCE FICKEL

750

Our Representative _____

TOTAL PRICE \$ _____

Printcraft Printers - Hays, KS

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 [Signature] For B.R. MAYNARD

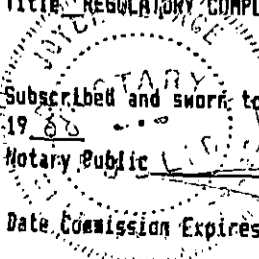
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<input type="checkbox"/>	NGPA	<input type="checkbox"/>
<input type="checkbox"/>	Other	<input type="checkbox"/>
(Specify)		



DEC 06 1988

KANSAS GEOLOGICAL SURVEY WICHITA BRANCH

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