

ORIGINAL

me

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 129-21633-00-00

County MORTON

 - NE - NE - SE Sec. 4 Twp. 33S Rge. 39 X E
W

2310 Feet from X (S) (circle one) Line of Section

330 Feet from (E)X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name HJV MANGELS "A" Well # 1

Field Name CIMARON GAP

Producing Formation MORROW

Elevation: Ground 3226.2 KB

Total Depth 6225 PBD 6103

Amount of Surface Pipe Set and Cemented at 1732 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 4736, 2916 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address 701 S. TAYLOR, SUITE 400

City/State/Zip AMARILLO, TEXAS 79109

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: CRAIG WALTERS

Phone (806) 457-4600

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

 Oil SWD SIOW Temp. Abd.

X Gas ENHR SIGW

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

 Deepening Re-perf. Conv. to Inj/SWD

 Plug Back PBD

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

4-1-2001 4-26-2001 6-16-2001
Spud Date Date Reached TD Completion Date

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 *L. Marc Harvey*

L. MARC HARVEY

Title ENGINEERING TECHNICIAN III Date 8-1-01

Subscribed and sworn to before me this 1 day of August 20 01.

Notary Public *Lori Pearson*

Date Commission Expires 2/26/05

K.C.C. OFFICE USE ONLY 8-9-01

F Day Letter of Confidentiality Attached

C Wireline Log Received

 Geologist Report Received

Distribution

 SWD/Rep NGPA

 Plug Other

(Specify)

RECEIVED

AUG - 6 - 2001

KCC WICHITA



58576

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV MANGELS "A" Well # 1

Sec. 4 Twp. 33S Rge. 39 East County MORTON
 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.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CBL, DIL, CNL-LDT, ML, SONIC.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>CHASE</td> <td>2413</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2746</td> <td></td> </tr> <tr> <td>B/HHEEBNER</td> <td>3974</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>4778</td> <td></td> </tr> <tr> <td>MORROW</td> <td>5558</td> <td></td> </tr> <tr> <td>STE. GINEVIEVE</td> <td>6190</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	CHASE	2413		COUNCIL GROVE	2746		B/HHEEBNER	3974		MARMATON	4778		MORROW	5558		STE. GINEVIEVE	6190	
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CASING RECORD							
<input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	24.0	1732	P+ MIDCON/P+	420/100	3%CC, 1/4#/SK CF/2%CC, 1/4#/SK CF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6146	50/50 POZ.	(1) 75 314 (2) 75	.75%h322, 10%SALT, 4#/SK CALSEAL, 1/4#/SK CF/SAME/SAME.
			PRT COLLAR @:	3296	15/85 POZ C	391 (3) 75 528	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		#Sacks Used	Type and Percent Additives
	Top	Bottom		

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
6	6024-28, 5983-92.	ACID: 1300 GAL 7% HCL	5983-6028 (OA)
		FRAC: 38,300 GAL GEL & 75,000# 20/40 SD.	5983-6028 (OA)
6	5628-48.	NONE.	

TUBING RECORD	Size 2-3/8"	Set At 5628'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 6-17-2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		4675	64		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval 5628-6028 (OA)