

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

Operator: License # 30868

Name: MW Petroleum Corporation

Address 1700 Lincoln, Ste. 1900

City/State/Zip Denver, CO 80203-4519

Purchaser: N/A

Operator Contact Person: Dave H. Gibbons

Phone (303) 837-5425

Contractor: Name: Cheyenne Drilling

License: 05382

Wellsite Geologist: Larry Boucher

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4/23/92 4/30/92 5/1/92
Spud Date Date Reached TD ~~Completion~~ Date Plug

API NO. 15- 071-20, 561-0000

County Greeley

- SW - NW - SW Sec. 13 Twp. 18S Rge. 43 ^E_W

1980 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name Sell Well # 13-31

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 3382' KB 3393'

Total Depth 5300' PBTB --

Amount of Surface Pipe Set and Cemented at 514 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan A/D U/A
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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, 200 Colorado Derby Building, 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.

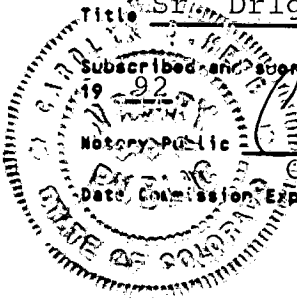
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature D. H. Gibbons

Title Sr. Drlg/Production Engineer Date 5/12/92

Subscribed and sworn to before me this 12th day of May, 1992

Notary Public Carolyn D. Hepp
Date Commission Expires January 13, 1993



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution: KCC SUPPLY OTHER
 KGS
STATE CORPORATION COMMISSION
5-18-92 (Specify)
MAY 18 1992

Operator Name MW Petroleum Corporation Lease Name Sell Well # 13-31

Sec. 13 Twp. 18S Rge. 43
 East
 West

County Greeley

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

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

See Attached

List All E.Logs Run:

DIL-SFL-GR
 LDL-CNL-GR
 BHC-GR

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	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24	514	HL Lite	170	2% CaCl
					Standard	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

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

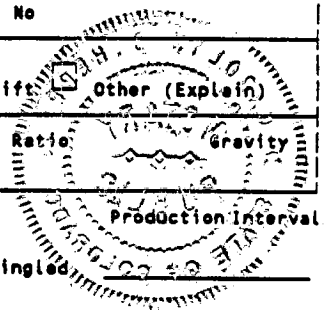
Disposition of Gas:

Vented Sold Used on Lease

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACD-18.)



ORIGINAL

FORMATION TOPS (E-LOGS)

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>
Fort Hays	606'	+3287'
Greenhorn	936'	+2957'
Dakota	1140'	+2753'
Morrison	1497'	+2396'
Permian	1694'	+2199'
Blaine	1937'	+1956'
Cedar Hills	2345'	+1548'
Stone Corral	2537'	+1356'
Base Stone Corral	2602'	+1291'
Chase Group	2730'	+1163'
Council Grove	3126'	+767'
Neva	3274'	+619'
Foraker	3356'	+537'
Admire	3458'	+405'
Virgil	3546'	+347'
Shawnee	3812'	+81'
Heebner	4058'	-165'
Lansing	4145'	-252'
Fort Scott	4680'	-787'
Cherokee	4701'	-808'
Atoka	4968'	-1075'
Morrow Shale	5060'	-1167'
Lower Morrow	5192'	-1299'
Mississippian	5222'	-1329'

RECEIVED
STATE CORPORATION COMMISSION

MAY 18 1992

CONSERVATION DIVISION
Kansas

ORIGINAL

DRILLERS LOG

MW PETROLEUM CORPORATION
SELL #13-31
SECTION 13-T18S-R43W
GREELEY COUNTY, KANSAS

COMMENCED: 04-23-92
COMPLETED: 05-01-92

SURFACE CASING: 504' OF 8 5/8"
CMTD W/170 SX HL "C", 2 C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
100 SX STD, 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 520
SAND	520- 993
SHALE & ANHYDRITE	993-1535
SHALE & RED BED	1535-2120
SHALE	2120-2750
RED BED	2750-3085
RED BED & SHALE	3085-3370
SHALE	3370-3650
SHALE & LIME	3650-3870
LIME & SHALE	3870-4255
LIME, SHALE & LANSING	4255-4420
LIME	4420-4600
LIME & SHALE	4600-4760
LIME	4760-4895
LIME & SHALE	4895-4991
LIME	4991-5100
MORROW, SHALE & SPERGEN	5100-5273
LIME	5273-5300 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

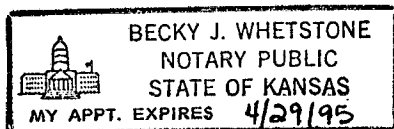
CHEYENNE DRILLING, INC.

A. J. Jacques

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF MAY, 1992.



Becky J. Whetstone RECEIVED
STATE CORPORATION COMMISSION
BECKY J. WHETSTONE, NOTARY PUBLIC
MAY 18 1992
CONSERVATION DIVISION
Wichita, Kansas



JOB SUMMARY ORIGINAL

HALLIBURTON DIVISION WICHITA KANSAS
HALLIBURTON LOCATION LAMAR, KS

BILLED ON TICKET NO. 105971

FIELD WILD CAT SEC. 13 TWP. 18S RNG. 43W COUNTY Greecley STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 5/8	RTS	518	
LINER						
TUBING						
OPEN HOLE			12 1/4	RTS	520	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>CMF</u>	<u>1</u>	<u>Howco</u>
CENTRALIZERS <u>S-4</u>	<u>4</u>	<u>Howco</u>
BOTTOM PLUG		
TOP PLUG <u>WOODEN</u>	<u>1</u>	<u>Howco</u>
HEAD <u>FRIC FALL</u>	<u>1</u>	<u>Howco</u>
PACKER <u>Limit CLAMP</u>	<u>1</u>	<u>Howco</u>
OTHER <u>INSERT W/FILL</u>	<u>1 EA</u>	<u>Howco</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-23-92</u>	DATE <u>4-23-92</u>	DATE <u>4-23-92</u>	DATE <u>4-23-92</u>
TIME <u>1230</u>	TIME <u>1700</u>	TIME <u>2010</u>	TIME <u>2400</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>G.D. MOORE</u> <u>4606</u>	<u>40079</u>	<u>LAMAR, KS</u>
<u>D. KRIGER</u> <u>19429</u>	<u>2592</u>	<u>LAMAR, KS</u>
<u>C. Ashley</u> <u>44061</u>	<u>4149</u> <u>RTS</u>	<u>LAMAR, KS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN.

NE AGENT TYPE _____ GAL. _____ IN.

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.

GELLING AGENT TYPE _____ GAL.-LB. _____ IN.

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.

BREAKER TYPE _____ GAL.-LB. _____ IN.

BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN.

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 5/8" SURFACE

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Jake Kerffman

HALLIBURTON OPERATOR J.D. Moon COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>170</u>	<u>HLC</u>	<u>STD</u>	<u>B</u>	<u>2% CC 1/4# Flocc</u>	<u>1.69</u>	<u>12.7</u>
<u>2</u>	<u>100</u>	<u>STD</u>	<u>SW</u>	<u>B</u>	<u>2% CC 1/4# Flocc</u>		<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 30.5

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 102.5

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL.-GAL. 102.5

REMARKS THANK YOU RECEIVED
HALLIBURTON
STATE CORPORATION COMMISSION
MAY 18 1992

TREATING _____ DISPL _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET 40.24 REASON Shoe Joint

CUSTOMER M.D. Petad. Corp. LEASE 5-11 WELL NO. 13-31 JOB TYPE 8 5/8 SURFACE DATE 4-23-92