

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

Operator: License # 9855
Name: Grand Mesa Operating Company
Address 200 E. First St., Suite 307
City/State/Zip Wichita, KS 67202

Purchaser: _____
Operator Contact Person: Ronald N. Sinclair
Phone (316) 265-3000

Contractor: Name: Mallard JV, Inc.
License: 4958

Wellsite Geologist: Larry Friend

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 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 PSTD
 Cemented Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11-6-94 11-13-94 11-13-94
Spud Date: Date Reached TD: Completion Date

API NO. 15- 135-23839

County NESS

-NE - NW - NW Sec. 20 Twp. 17S Rge. 24 EW

530 Feet from S(N) (circle one) Line of Section

910 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 Stiawalt Well # 5-20

Field Name Dickman South

Producing Formation _____

Elevation: Ground 2403 KB 2408

Total Depth 4383 PSTD _____

Amount of Surface Pipe Set and Cemented at 272.10 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 cnt.

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

Chloride content 5500 ppm Fluid volume 100 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

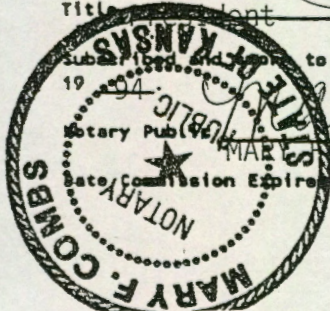
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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 Ronald N. Sinclair
Title Operator Date 11/22/94

Subscribed and sworn to before me this 28th day of November

Mary F. Combs
Notary Public COMBS
Notary Commission Expires August 25, 1996



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)

SIDE TWO

Operator Name Grand Mesa Operating Company Lease Name Stiawalt Well # 5-20
 Sec. 20 Twp. 17S Rge. 24 East West
 County Ness

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.)
 List All E.Logs Run:

No Logs Ran on this Hole

| Log Name | Formation (Top), Depth and Datum | | <input checked="" type="checkbox"/> Sample |
|-------------|----------------------------------|-------|--|
| | Top | Datum | |
| Anhydrite | 1685 | + 723 | |
| Heebner | 3727 | -1319 | |
| Lansing | 3768 | -1360 | |
| BKC | 4062 | -1654 | |
| Pawnee | 4190 | -1782 | |
| Ft. Scott | 4267 | -1859 | |
| Ch Shale | 4293 | -1885 | |
| Bs Penn | 4336 | -1928 | |
| Ch Sand | 4344 | -1936 | |
| Mississippi | 4374 | -1965 | |

| 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" | 20# | 272.10 | 60/40 poz | 165SX | 2% Gel, 3% CC |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | | |
|---|-------|--------|----------------|-------------|----------------------------|
| Purpose: | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | Top | Bottom | | | |
| <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 | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
|--|-----|------------------|--------|-----------|--|--|-----------------------|
| Date of First, Resumed Production, SWD or Inj. | | Producing Method | | | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Sbls. | Gas | Mcf | Water | Sbls. | Gas-Oil Ratio Gravity |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

COMPANY REMARKS

12'4 - 85/8" 20#
@ 272
60/40 p02 1655X
270 Gel; 390 CC;

WRS COMPLETION REPORT

SEC 20 TWP 17S RGE 24W
PI# 15-T-0004 12/21/94 PAGE 1

KANS NESS * 530FNL 910FWL SEC NE NW NW
STATE COUNTY FOOTAGE SPOT
GRAND MESA OPERATING D D
OPERATOR WELL CLASS INIT FIN
5-20 STIAWALT
WELL NO. LEASE NAME
2403GR KEILMAN N
OPER ELEV FIELD/POOL/AREA
API 15-135-23839-0000

LEASE NO. PERMIT OR WELL I.D. NO.
11/06/1994 11/13/1994 ROTARY D&A
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
4450 CHEROKEE MALLARD J V
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 4383 FM/TD CHEROKEE
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

6 MI NW NESS CITY, KS

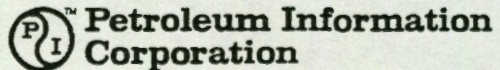
CASING/LINER DATA

SURF CSG NOT RPTD

DRILLING PROGRESS DETAILS

GRAND MESA OPERATING
200 E FIRST ST STE 307
WICHITA, KS 67202
316-265-3000
10/17 LOC/1994/
11/08 DRLG
12/19 NO LOGS RPTD
TD REACHED 11/13/94 RIG REL 11/13/94
12/19 4383 TD
COMP 11/13/94, D&A(TITE HOLE)
NO CORES OR DSTS RPTD

COPYRIGHT 1994



PI-WRS-GE Form No 187

CONFIRMING COMPLETION

CONFIRMED BY Brewer 1/4/94
Name Date