FORM MUST BE TYPED

COPY

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

API NO. 15- 007-224580000

15-32-14W

County Barber

30'E&505'of -52 - NE - SE Sec. 15 Twp. 32 Rge. 14 X E W

1610 Feet from (S)/N (circle one) Line of Section

630 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 Hinz Well # 1-15

Field Name Palmer

Producing Formation Miss

Elevation: Ground 1722 KB 1727

Total Depth 4760 PBTD 0

Amount of Surface Pipe Set and Cemented at 1001 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 D&A JH 5-17-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 880 bbls

Dewatering method used settling

Location of fluid disposal if hauled offsite:

Operator Name Bowers Drilling Co. Inc.

Lease Name Cole License No. 5435

_____ Quarter Sec. 25 Twp. 32 S Rng. 12 E (W)

County Barber Docket No. D-19886

Operator: License # 4706

Name: MESSENGER PETROLEUM

Address RR 1 Box 172-A1

City/State/Zip Kingman, KS 67068

Purchaser: _____

Operator Contact Person: Jon Messenger

Phone (316) 532-5400

Contractor: Name: Val

License: 5822

Wellsite Geologist: Jeff Burk

Designate Type of Completion
____ New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X 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 _____ PBTD
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

10-7-94 10-19-94 _____
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 [signature]

Title Pres Date 5-16-95

Subscribed and sworn to before me this 16th day of May, 19 95.

Notary Public Susan C. Rogers

Date Commission Expires 9-19-98

SUSAN C. ROGERS
Notary Public - State of Kansas
My Appt. Expires 9/19/98

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) TS

Form ACO-1 (7-91)

SIDE TWO

Operator Name Messenger Petroleum Lease Name Hinz Well # 1-15

Sec. 15 Twp. 32 Rge. 14 ☐ East ☒ West County Barber

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:

Compensated Neutron/Compensated Photo-Density
Array Induction Shallow Focused [by BPB]

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner	3748	-2021
Lansing	3923	-2196
B/KC	4328	-2601
Miss	4408	-2681
Viola	4713	-2986
RTD	4760	-3033
LTD	4760	-3033

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
Coud.	14½	10 3/4	32	260	60-40 Poz	200	2% Gel 3% C.C.
Surf.	9 7/8	8 5/8	23	1001	60-40 Poz	135	2% Gel 4% C.C.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone					

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)	Depth

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

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

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

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)

MAY 2 1995