

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Just

16948a

JUL 27 2001

Operator: License # 30128
Name: Kenneth S. White
Address: 260 N. Rock Road, Suite 240
City/State/Zip: Wichita, KS 67206
Purchaser: NCRA
Operator Contact Person: Kenneth S. White
Phone: (316) 618-9813
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Well Site Geologist: Tom Robinson

API No. 15 - 185-20955-0000
County: Stanton
200' W & 160' S of
SE-SE-NE Sec. 26 Twp. 29 S. R. 41 East West
2470 feet from S / N (circle one) Line of Section
530 feet from E / W (circle one) Line of Section

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: CBS Unit Well #: 1
Field Name: Arroyo Southeast
Producing Formation: Morrow
Elevation: Ground: 3342 Kelly Bushing: 3351
Total Depth: 5681 Plug Back Total Depth: 5614
Amount of Surface Pipe Set and Cemented at 1638 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.

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If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 800 ppm Fluid volume 1750 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

4/21/01 5/1/01 7/16/01
Spud Date or Re-completion Date Date Reached TD Completion Date or Re-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: Kenneth S. White
Title: Owner Date: 7/24/01
Subscribed and sworn to before me this 24th day of July, 2001.

Notary Public: Susan M. Way
Date Commission Expires: _____

SUSAN M. WAY
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 10-17-04

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Kenneth S. White Lease Name: CBS Unit Well #: 1
Sec. 26 Twp. 29 S. R. 41 East West County: Stanton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Atoka Shale	4850	-1499
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Morrow Shale	4986	-1635
List All E. Logs Run:		Lower Morrow Marker	5322	-1971
Compensated Density/Neutron		Keyes Sand	5407	-2056
Dual Induction		Mississippi	5455	-2104
Microlog				
Sonic Log (Partial)				

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#	1638	550 sx Lite cement 1/4 # floseal	150	w/3% cc & sx common w/3% CC
Production	7-7/8"	5-1/2"	15.5#	5660	50 sx 50/50 Pozmix per sk & 140 sx EA-2		w/5# Gilsonite w/5% CalSeal, 10% salt and .75% Halad-322

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

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
4	5421' - 5434'	See Attached	
4	5410' - 5421'		

TUBING RECORD Size 2-7/8" Set At 5445 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 7/16/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bble.	Gas Mcf	Water Bble.	Gas-Oil Ratio	Gravity
	195	140	8		

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

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

Production Interval 5410-5434

COPY

Attached to ACO-1 FORM for
KENNETH S. WHITE
#1 CBS Unit
2470' FNL, 530' FEL Section 26-29S-41W
Stanton County, Kansas
API# 15-187-20955-0000

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Drill Stem Tests Taken:

DST #1 5403' - 5420' (Keyes Sand)

30" - 60" - 60" - 90"

1st Open: Strong Blow off bottom of bucket in 7 minutes. No blow back on 1st shut-in.

2nd Open: Strong blow off bottom of bucket immediately. No blow back on 2nd shut-in.

Gas to Surface 50 minutes into 2nd flow period, gauged 31.5 MCFPD

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Rec: Total of 120' of Mud: 30' of Oil Cut Drilling Mud and 90' of Oily Mud (20% oil)

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IHP: 2696#

IFP: 17# - 48#

ISIP: 251#

JUL 28 2001

FHP: 2613#

FFP: 34# - 74#

FSIP: 251#

DST #2 5435' - 5455' (Keyes Sand)

30" - 60" - 75" - 60"

1st Open: Strong blow off bottom of bucket in 6 minutes. No blow back in 1st shut-in.

2nd Open: Strong blow off bottom of bucket in 8 minutes. No blow back on 2nd shut-in

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Rec: 4,252' of Gas in Pipe, 107' of Gassy Oil (10% gas, 90% oil), 333' of Oily Gas (85% gas, 15% oil) and 92' of Oily Mud (5% oil, 95% Mud).

IHP: 2731#

IFP: 37# - 129#

ISIP: 261#

FHP: 2588#

FFP: 135# - 207#

FSIP: 260#

Acid, Fracture, Shot, Cement Squeeze Record

Perforate from 5421' to 5434' with 4 shots per foot, recover trace of load water with oil and mud.

Acidize with 1500 gallons 7-12% MCA Acid and recover load water with show of gas. Perforate from 5410' to 5421' with 4 shots per foot and acidize 5410' to 5434' with 3000 gallons 7-12% Acid with 10% xylene and Ball Sealers. Recover small amount of load water per hour with show of oil and gas.

Frac (5410' - 5434') with 22,000# of 16/30 Sand and approximately 19,000 gallons of 20# DeltaFrac 140 Fluid w/ additives. Frac screened out, larger volume planned.