

COPY

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

Operator: License # 5249Name: Osborn Heirs CompanyAddress P.O. Box 17968City/State/Zip San Antonio, Texas 78286Purchaser: Colorado Interstate Gas CompanyOperator Contact Person: Nancy FitzSimonPhone (210) 826-0700Contractor: Name: Cheyenne Drilling, Inc.License: 5382

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ 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 ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

05-31-94 06-02-94 07-06-94
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21374County KearnySW - SW - NE - NE Sec. 23 Twp. 25S Rge. 37 X W1250 Feet from S(N) (circle one) Line of Section1250 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE SE, NW or SW (circle one)Lease Name Applegate Well # 1-BField Name HugotonProducing Formation ChaseElevation: Ground 3043 KB 3054Total Depth 2710 PBTD 2667Amount of Surface Pipe Set and Cemented at 607 FeetMultiple 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 ALT 1 894 10-20-95
(Data must be collected from the Reserve Pit)Chloride content 75,000 ppm Fluid volume 800 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

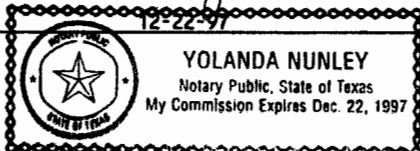
Lease Name _____ License No. _____

____ 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, 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 confidentially 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 Gary D. CunninghamTitle Engineer Date 01-10-95Subscribed and sworn to before me this 10th day of January, 1995.Notary Public Yolanda NunleyDate Commission Expires 12-22-97

K.C.C. OFFICE USE ONLY	
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C <input checked="" type="checkbox"/>	Wireline Log Received
C <input type="checkbox"/>	Geologist Report Received
Distribution: <u>17</u> 1995	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWS Rep
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug
	<input type="checkbox"/> NGPA
	<input type="checkbox"/> Other (Specify)

Operator Name Osborn Helco CompanyLease Name ApplegateWell # 1-BSec. 23 Twp. 25S Rge. 37☐ EastCounty Kearny☒ 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 ☐ Yes ☒ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

DIL-SFL-GR,
LDL-CNL-GR,
ML-GR, NGS

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

Name	Top	Datum
Herrington	2388'	+ 666
Winfield	2447'	+ 607
U. Ft. Riley	2501'	+ 553
L. Ft. Riley	2549'	+ 505
Wreford	2641'	+ 413
Council Grove	2669'	+ 385

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
conductor	30"	20"	52.73	86	Type I	7 yards	none
surface	12-1/4"	8-5/8"	23.00	607	Lite & CL "C"	335	2%CC, % flocele
production	7-7/8"	5-1/2"	15.50 & 14.00	2710	Lite & Poz	530	1%CC, % flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

& 0.2% Halad-4

Purpose:	Depth Top 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
4	2390-2400, 2410-2424, 2447-2464, 2501-2504,	4000 gallons 7-1/2% HCL acid	2390-2584
	2508-2514, 2550-2584	85,600 gallons 30# gel & 385,200# sand	2390-2584

TUBING RECORD	Size none	Set At	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 07-12-94	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 375	Water Bbls. 0	Gas-Oil Ratio N/A Gravity 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)

DRILLERS LOG

OSBORN HEIRS COMPANY
APPLEGATE #1-B
SECTION 23-T25S-R37W
KEARNY COUNTY, KANSAS

API#15-093-21374

COMMENCED: 05-31-94
COMPLETED: 06-03-94

SURFACE CASING: 592' OF 8 5/8"
CMTD W/185 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 607
RED BED & SAND	607-1420
SHALE	1420-1770
SHALE & LIME	1770-2580
LIME	2580-2710 RTD

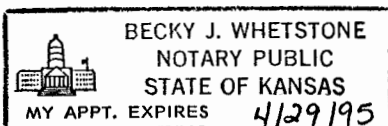
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A.J. Jacques
A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 3RD DAY OF JUNE, 1994.



Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

JAN 1 1995