

9-31-33w
COPY *all*

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

API NO. 15- 175-21378
County Seward
NE - SW - SW Sec. 9 Twp. 31S Rge. 33 X ^E/_W

Operator: License # 04782
Name: Ensign Operating Co.
Address P.O. Box 2161
City/State/Zip Liberal, Kansas 67905

1250 Feet from DN (circle one) Line of Section
4030 Feet from DN (circle one) Line of Section

Purchaser: Williams Natural Gas
Operator Contact Person: Reed Wacker
Phone (316) 626-8131

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

Constructor: Name: Cheyenne Drilling, INC.
License: 5382
Wellsite Geologist: None

Lease Name Hopkins Well # 3-9
Field Name Hugoton

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SVD S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, VSW, Expl., Cathodic, etc)

Producing Formation Chase
Elevation: Ground 2905' KB 2916'
Total Depth 2797' PBD 2751'

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SVD PBD
 Plug Back Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____
3/9/94 3/12/94 3/23/94
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 635' 625' 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/ _____ ex cat.

Drilling Fluid Management Plan ALT 1 9/2/ 11-23-94
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 1500 bbls

Deviatoring method used Evaporation

Lease Name _____ License No. _____
Wichita, Kansas
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____
RECEIVED
STATE CORPORATION COMMISSION
JUN 23 1994
OPERATIONS DIVISION
Wichita, Kansas

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado 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-6 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 Prod Supt Date 6/21/94
Subscribed and sworn to before me this 21 day of JUNE, 19 94.
Notary Public [Signature]
Date Commission Expires _____

NOTARY PUBLIC, State of Kansas
HERB BRADY
My Appl. Exp. 9/14/97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NEPA
 KCS Plug Other (Specify)

IS

Operator Name 50501 Operating Co. Lease Name Hopkins Well # 3-9

Sec. 9 Twp. 31S Rge. 33 East West County Seward

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 or hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: <u>DUAL-SPACED NEUTRON</u>				
See attached		See attached		

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	625' 635	Cl C/Poz A	180	6% Gel-2% RT
					Class C	150	1/2# per sx
Production	7-7/8	4-1/2	10.5	2797	Cl C/Poz A	425	6% Gel-1/2# per

ADDITIONAL CEMENTING/SQUEEZE RECORD: Class C 150 sx Flocele

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
2 JSPF	2578'-2584', 2614'-2638', 2648'-2654', 2659'-2670' & 2689'-2706'.	2000 Gal 7 1/2% HCL Acid W/150 Ball Sealers, 27,000 Gal Boragel G 3190 & 98,500 lbs of 10/20 Mesh SD.	2578-2706

TUBING RECORD	Size	Set At	Pecker At	Liner Run			
	2-3/8"	2710'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
4/22/94							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Water	Bbls.	Gas-Oil Ratio	Grav
			X	340	X	2	

Disposition of Gas: Vented Sold Used for Lease

METHOD OF COMPLETION: Open Hole Perf. Quality Comp. Cemented

Production Interval: 2578-2706

9-31-33w
ORIGINAL

DRILLERS LOG

ENSIGN OPERATING COMPANY
HOPKINS #3-9
SECTION 9-T31S-R33W
SEWARD COUNTY, KANSAS

COPY

COMMENCED: 03-09-94
COMPLETED: 03-12-94

SURFACE CASING: 636' OF 8 5/8"
CMTD W/180 SX 35/65 POZ/C, 6% D-20,
2% S.I., 1/4#/SX D-29; TAILED IN W/
150 SX "C", 2% S.I., 1/4#/SX D-29

FORMATION	DEPTH
SURFACE HOLE	0- 636
RED BED	636-1236
GLORIETTA SAND & RED BED	1236-1936
RED BED & SHALE	1936-2418
RED BED	2418-2797 RTD

RECEIVED
STATE CORPORATION COMMISSION
JUN 23 1994
CONSERVATION DIVISION
Wichita, Kansas

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 18TH DAY OF MARCH, 1994.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC