

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

Operator: License # 04782Name: Ensign Operating Co.Address P.O. Box 2161City/State/Zip Liberal, Kansas 67905Purchaser: Williams Natural GasOperator Contact Person: Reed WackerPhone (316) 626-8131Director: Name: Cheyenne Drilling, Inc.License: 5382Wellsite Geologist: None

Ignite Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SVD ☐ S10W ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ S16W☐ Dry ☐ Other (Core, VSW, 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/SVD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SVD or Inj?) Docket No. _____2/27/94 3/1/94 3/29/94Spud Date 2/27/94 Date Reached TD 3/1/94 Completion Date 3/29/94API NO. 15- 081-20835County HaskellSE-NW-NW Sec. 35 Twp. 30S Rge. 33 ☒ ^E4030 Feet from ☒ NW (circle one) Line of Section4030 Feet from ☒ NW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, ☒ NW or SW (circle one)Lease Name Light Well # 2-35Field Name HugotonProducing Formation ChaseElevation: Ground 2917' KB 2928'Total Depth 2809' PSTD 2763'Amount of Surface Pipe Set and Cemented at 630 FeetMultiple Stage Cementing Celler Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex. cnt.

Drilling Fluid Management Plan ALT 1 824 11-23-94
(Date must be collected from the Reserve Pit)Chloride content 15,000 ppm Fluid volume 1500 bblsDeaerating method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

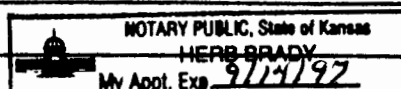
County _____ Docket No. _____

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. Rules 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 Herb BradyTitle Prod Supt Date 4/21/94Subscribed and sworn to before me this 21 day of JUNEin 74.Notary Public Herb Brady

Date Commission Expires _____



35-30-33W
ORIGINAL
COPY

RECEIVED
JUN 2 5 1004
OFFICE USE ONLY
Letter of Confidentiality Attached ☒
Wireline Log Received ☒
Geologist Report Received ☒
Distribution
KCC ☒ SVD/Rep ☐ NGPA ☐
KCS ☐ Plug ☐ Other (Specify) _____

Operator Ensign Operating Co.Lease Name Light Well # 2-35Sec. 35 Twp. 30S Rge. 33☐ EastCounty Haskell☒ 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 sheets 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: DUAL-SPACED NEUTRON

See attached

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name

Top

Datum

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	630'	Cl C/Poz A	180	6% Gel 2% SI
					Class C	150	1/2# sx D 29
Production	7-7/8	4-1/2	10.5	2809'	Cl C/Poz A	425	6% Gel-1/2# .er

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	2594'-2598', 2631'-2656', 2666'-2672', 2678'-2688' & 2705'-2723'.	2000 Gal 7 1/2% HCL Acid W/200 Ball Sealers, 27,000 Gal Boragel G 3190 & 98,500 Lbs of 10/20 Mesh Sd.	2594-2723

TUBING RECORD	Size 2-3/8"	Set At 2728'	Pecker At None	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, STD or Inj.	4/21/94	Producing Method ☒ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bble. Gas X Mcf 130 Water X Bble. 0 Gas-Oil Ratio Gravity			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Use as Lease
(If vented, submit ACO)

☐ Open Hole ☒ Perf. ☐ Dual Comp. ☐ Cemented

2594-2723

35-30-33W

MAR 07 1994

DRILLERS LOG

ORIGINAL

ENSIGN OPERATING COMPANY
 LIGHT #2-35
 SECTION 35-T30S-R33W
 HASKELL COUNTY, KANSAS

COPY

COMMENCED: 02-26-94
 COMPLETED: 03-02-94

SURFACE CASING: 632' 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- 631
RED BED	631-1361
LIME, ANHYDRITE & SHALE	1361-1831
RED BED	1831-2275
SHALE	2275-2550
LIME & SHALE	2550-2809 RTD

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

CHEYENNE DRILLING, INC.

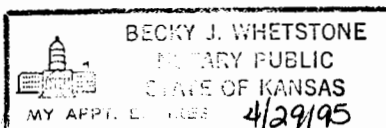
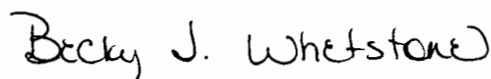


A.J. JACQUES
 RECEIVED
 STATE CORPORATION COMMISSION

JUN 23 1994

STATE OF KANSAS :ss:

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

BECKY J. WHETSTONE, NOTARY PUBLIC