

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

SIDE ONE

11-31-33w
COPY *md*

API NO. 15- 175-21379
County Seward
SE - NW - NW Sec. 11 Twp. 31S Rge. 33 X^E
4030 Feet from NE (circle one) Line of Section
4030 Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, NE NW or SW (circle one)
Lease Name Kasel Well # 3-11
Field Name Hugoton
Producing Formation Chase
Elevation: Ground 2886' KB 2897'
Total Depth: 2778' PBTD 2732'
Amount of Surface Pipe Set and Cemented at 632' Feet
Multiple Stage Cementing Celler Used? Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ ex cnt.

Operator: License # 04782
Name: Ensign Operating Co.
Address P.O. Box 2161
City/State/Zip Liberal, Kansas 67905
Purchaser: Williams Natural Gas
Operator Contact Person: Reed Wacker
Phone (316) 626-8131
Contractor: Name: Chevenne Drilling, Inc.
License: 5382
Wellsite Geologist: None
Designate Type of Completion
X New Well Re-Entry Workover
 Oil SVD S10W Temp. Abd.
 Gas ENHR X S16V
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Drilling Fluid Management Plan ALT 1 & 2 11-23-94
(Data must be collected from the Reserve Pit)
Chloride content 15,000 ppm Fluid volume 1500 bbls
Dewatering 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. _____

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 _____ PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____
3/12/94 3/15/94 3/31/94
Spud Date Date Reached TD Completion Date
3-12-94

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 Pamela Flood Smith
Title REGISTERED ENGINEERING TECHNICIAN Date 7/15/94
I signed and sworn to before me this 15th day of July
Notary Public Shirley Campbell
Date Commission Expires 9-30-94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

RECEIVED
STATE CORPORATION COMMISSION
KCC
KCS
SVD/Rep _____ NGPA
Plug _____ Other _____
JUL 18 1994
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Ensign Operating Co.

Lease Name Kasel Well # 3-11

Sec. 11 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 at 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 No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

List All E.Logs Run: DUAL-SPACED NEUTRON

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	632'	Cl C/Poz A	180	5% Gel-2%
					Class C	150	1/2# per sx 029
Production	7-7/8	4-1/2	10.5	2778'	Cl C/Poz A	425	5% Gel-1/2# per
						Class C	150 sx Flocele

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				

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'-2600', 2628'-2658', 2666'-2674'	2000 Gal 7 1/2% HCL Acid W/150	2594-2
	2680'-2686' & 2706'-2719'.	Ball Sealers, 23,000 Gal	
		Boragel G 3190 & 85,000 Lbs of 10/20 Mesh Sd.	

TUBING RECORD Size 2-3/8" Set At 2709' Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. SI-WOPL Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Bbls.	McF	Water Bbls.	Gas-Oil Ratio	Grav.

Disposition of Gas: Vented Sold Used for Loss Open Hole Perf. Duallv Comp. Commingled CHASE

METHOD OF COMPLETION: CHASE

11-31-33w

DRILLERS LOG

ENSIGN OPERATING COMPANY
KASEL #3-11
SECTION 11-T31S-R33W
SEWARD COUNTY, KANSAS

ORIGINAL

COMMENCED: 03-12-94
COMPLETED: 03-15-94

SURFACE CASING: 633' 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- 633
RED BED	633-1576
RED BED & ANHYDRITE	1576-2100
SHALE	2100-2460
RED BED	2460-2660
SAND & SHALE	2660-2778 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 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

RECEIVED
STATE CORPORATION COMMISSION

MAR 18 1994