

Sub

FORM MUST BE TYPED

COPY

87
SIDE ONE

21 245-26-31-32W

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

KCC

APR 28

Operator: License # 04782

Name: Ensign Operating Co.

Address 621 17th St.

Suite 1800

City/State/Zip Denver, CO 80293

Purchaser: Newco

Operator Contact Person: J. C. Simmons

Phone (303) 293-9999

Contractor: Name: Gabbert-Jones #8

License: 5842

Wellsite Geologist: Reed Wacker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, 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/SWD

Plug Back PBDT

Cemented Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

3/23/92 3/31/92 4/9/92

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21-237

County Seward

SE Sec. 26 Twp. 31S Rge. 32 X E W

1320 Feet from S/W (circle one) Line of Section

1040 Feet from E/W (circle one) Line of Section

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

Lease Name Feiertag Well # 3-26X

Field Name Thirty-one

Producing Formation Morrow

Elevation: Ground 2836 KB 2849

Total Depth 5700 PBDT 5654

Amount of Surface Pipe Set and Cemented at 1734 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.

Drilling Fluid Management Plan A 17-2
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 12999 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. _____

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. 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 to this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. **RECEIVED**
KANSAS CORPORATION COMMISSION

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. APR 30 1992

Signature Conni Smith 4/28/92 Conni Smith

Title Sr. Engineering Technician Date 4/28/92

Subscribed and sworn to before me this 28th day of April 19 92.

Notary Public Pamela Campbell

Date Commission Expires 9/30/94

CONSERVATION DIVISION 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		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NSPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other <u>IS</u>
(Specify)		

WSE-18-03

SIDE TWO

Operator Ensign Operating Co.

Lease Name Feiertag

Well # 3-26X

Sec. 26 Twp. 31S Rge. 32

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 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 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:

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	7-7/8	24	1734	Lite CI C	525	2% CaCl ₂ #/sk
						150	2% CaCl ₂
Production	7-7/8	4-1/2	10.5	5698	CI H	225	3% KCl, .7% Halad-322; .25% CBL

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	5512-5526			

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	5527		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method			
4/20/92	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	2	700	0	--

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)

MORROW

COPY

RELEASED

APR 4 1993

FRIERTAG #3-26X
SE Section 26-T31S-R32W
Seward County, KS

FROM CONFIDENTIAL

Formation Tops:

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Blaine Evap.	1081'	+1768
Glorietta Ss.	1204'	+1645
Stone Corral	1654'	+1195
Wellington	2171'	+ 677
Chase/Herrington	2632'	+ 217
Krider	2688'	+ 161
Winfield	2734'	+ 115
Wreford	2940'	- 91
Council Grove	3032'	- 183
Wabaunsee	3354'	- 505
Heebner	4213'	-1364
Toronto	4229'	-1380
Lansing	4319'	-1468
Swope	4811'	-1962
Marmaton	4950'	-2101
Cherokee	5116'	-2267
Atoka	5286'	-2417
Morrow	5450'	-2601
Morrow Ss.	5508'	-2659
Chester	5540'	-2691
Ste. Gen.	5693'	-2846
TD	5700'	

RECEIVED

KANSAS CORPORATION COMMISSION

APR 30 1992

CONSERVATION DIVISION
WICHITA, KS

COPY

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

RELEASED

WELL NAME: FEIER TAG #3-26 X
SEC: 26-31S-32W
SEWARD COUNTY, KANSAS

APR 4 1993

FROM CONFIDENTIAL

COMMENCED: 3-23-92

COMPLETED: 4-2-92

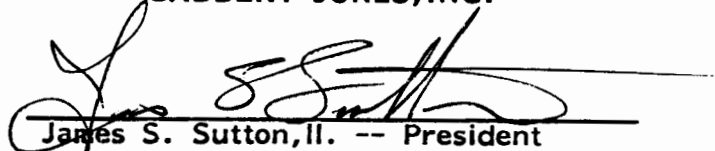
OPERATOR: ENSIGN OPERATING COMPANY

Depth		Formation	Remarks
From	To		
0	540	sand-clay	
540	1200	redbed	
1200	1370	glorietta sand	Ran 40jts of 24# 8 5/8"
1370	1712	redbed	csg LD @ 1734'w/525
1712	1734	anhy	sks palite C-2%CC
1734	1990	redbed	1/4# SF-150sks class C
1990	5700	lime-shale	PD @ 12:45pm 3-24-92
5700-TD			Ran 134jts of 10 1/2# 4 1/2"
			csg LD @ 5700w/225sks
			class H-3%HCL-
			.25%CDL-.7% howlid 3-22-92
			PD @ 1:30am 4-2-92
			RR @ 2:30am 4-2-92

STATE OF KANSAS
COUNTY OF SEDGWICK

) I, the undersigned, being duly sworn on oath,
) state that the above Drillers' Well Log is true
) and correct to the best of my knowledge and
belief and according to the records of this office.

GABBERT-JONES, INC.



James S. Sutton, II. -- President

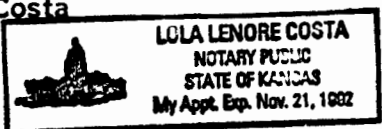
Subscribed & sworn to before me this
APRIL 3, 1992

RECEIVED
STATE CORPORATION COMMISSION

APR 30 1992

CONSERVATION DIVISION
Wichita, Kansas


Lola Lenore Costa



My commission expires Nov. 21, 1992