

ORIGINAL

15-175-21245-0000

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, MSW, 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 PBTB
 Commingled 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-~~175-21,237-0000~~ ^{21,245}

County Seward

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

1320 Feet from Q/N (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 PBTB 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 AITI
(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 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 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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
KCC _____ SWD/Rep _____ NEPA
KGS _____ _____ Other _____
APR 30 1992
CONSERVATION DIVISION
Wichita, Kansas

Operator Name 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.)
 List All E.Logs Run:

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

See attached

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 C1 C	525	2% CaCl ₂ ; 1/4#/sk Celo-seal
						150	2% CaCl ₂
Production	7-7/8	4-1/2	10.5	5698	C1 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	5512-5526	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	5527		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
4/20/92				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	2	700	0	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: Morrow

ORIGINAL

KCC

APR 28

CONFIDENTIAL

RELEASED

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

APR 4 1993

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	5266'	-2417
Morrow	5450'	-2601
Morrow Ss.	5508'	-2659
Chester	5540'	-2691
Ste. Gen.	5693'	-2846
TD	5700'	

RECEIVED
STATE CORPORATION COMMISSION

APR 30 1992

CONSERVATION DIVISION
Wichita, Kansas

DUPLICATE



The Western Company of North America

REMIT TO: P.O. BOX 911543 DALLAS, TX 75391-1543

Table with invoice details: INVOICE NO. 394853, OUR RECEIPT NO. 240690, DATE 03/24/92, YOUR ORDER NO. 28018 1225

ENSIGN OPERATING COMPANY 621 17TH STREET, SUITE 1800 DENVER CO 80293

Table with service details: SERVICES FROM OUR STATION AT PERRYTON CEMENTING, OUR ENGINEER RABE, SIGNED FOR YOU BY MCGRUFF, SERVICE WELL NAME FEIERTAG 3-26X, COUNTY SEWARD, STATE KS 15

FEDERAL ID. NO. G 75-0765484

Main table with columns: QTY, DESCRIPTION, UNIT OF MEASURE, QUANTITY, LIST PRICE/UNIT, GROSS AMOUNT, PERCENT DISC, NET AMOUNT. Includes items like CEMENT CASING, MILEAGE CHARGE, BULK MATERIALS, etc.

ORIGINAL

KCC

RELEASED

APR 28

CONFIDENTIAL

FROM CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION APR 5 0 1992 CONSERVATION DIVISION Wichita, Kansas

PHONE: (713) 629-2600

TERMS: NET 30 DAYS

PAY THIS AMOUNT

6,752.31

ORIGINAL

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P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

RECEIVED APR 23 1992 HALLIBURTON SERVICES

KCC

RELEASED

A Halliburton Company

APR 28

INVOICE NO.	DATE
216372	04/01/1992

WELL LEASE NO./PLANT NAME: A 1993 WELL/PLANT LOCATION: STATE: KS WELL/PLANT OWNER: SAME

FEIERTAG 3-26X

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

LIBERAL

GABBERT & JONES #8

CEMENT PRODUCTION CASING

04/01/1992

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
273943	B. J. MCGRIFF			COMPANY TRUCK	32291

RECEIVED

ENSIGN OPERATING COMPANY
1515 AIR PARK AVENUE
P.O. BOX 2161
LIBERAL, KS 67905-2161

KANSAS CORPORATION COMMISSION

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

APR 30 1992

CONSERVATION DIVISION

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	28	MI	2.60	72.80
001-016	CEMENTING CASING	1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5700	FT	1,520.00	1,520.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	35.00	35.00
825.201		1	EA	89.00	89.00
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00
815.19101		1	EA	27.50	27.50
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
815.19111		1	EA	27.50	27.50
50	FLUIDMASTER CENTRALIZER 4 1/2"	5	EA	48.00	240.00
807.93504		5	EA	48.00	240.00
66	FASGRIP LIMIT CLAMP 4 1/2"	1	EA	9.60	9.60
807.64021		1	EA	9.60	9.60
504-043	PREMIUM CEMENT	225	SK	7.94	1,786.50
507-775	HALAD-322	148	LB	6.15	910.20
500-959	SUPER CBL	53	LB	21.50	1,139.50
508-002	POTASSIUM CHLORIDE	250	LB	.25	62.50
500-207	BULK SERVICE CHARGE	225	CFT	1.15	258.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	464.422	TMI	.80	371.54

INVOICE SUBTOTAL

6,595.89

DISCOUNT-(BID)
INVOICE BID AMOUNT

1,319.17-
5,276.72

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

170.12
40.02

Feiertag 3-26X
RWalker

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ===== \$5,486.86

RECEIVED COMMISSION STATE CORPORATION

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 25% OF THE TOTAL AMOUNT DUE.

APR 30 1992

CONSERVATION DIVISION

ORIGINAL

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

KCC
APR 6
CONFIDENTIAL

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

COMMENCED: 3-23-92

COMPLETED: 4-2-92

OPERATOR: ENSIGN OPERATING COMPANY

RELEASED

APR 4 1993

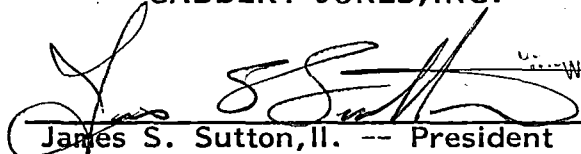
FROM CONFIDENTIAL

Depth		Formation	Remarks
From	To		
0	540	sand-clay	
540	1200	redbed	Ran 40jts of 24# 8 5/8"
1200	1370	glorietta sand	csg LD @ 1734'w/525
1370	1712	redbed	sks palite C-2%CC
1712	1734	anhy	1/4# SF-150sks class C
1734	1990	redbed	PD @ 12:45pm 3-24-92
1990	5700	lime-shale	
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

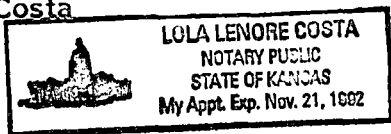
) I, the undersigned, being duly sworn on oath,
) state that the above Drillers' Well Log is true
) and correct to the best of my knowledge and
belief and according to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
APRIL 3, 1992


Lola Lenore Costa



RECEIVED
STATE CORPORATION COMMISSION

APR 30 1992

CONSERVATION DIVISION
Wichita, Kansas

My commission expires Nov. 21, 1992