

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

API NO. 15- 175-21,306 **ORIGINAL**

County Seward

SE - NW - NW - Sec. 27 Twp. 31S Rge. 32 X ^E

Operator: License # 04782 **KCC**

Name: Ensign Operating Co.

Address 621 17th St. **MAY 24**

Suite 1800 **CONFIDENTIAL**

City/State/Zip Denver, CO 80293

Purchaser: _____

Operator Contact Person: J. C. Simmons

Phone (303) 293-9999

Contractor: Name: Gabbert-Jones Rig #11

License: 5482

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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-3-93 4-6-93 5-7-93
Spud Date Date Reached TD Completion Date

1250 Feet from X/N (circle one) Line of Section

1250 Feet from X/W (circle one) Line of Section

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

Lease Name Stoll Well # 3-27

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2848 KB 2853

Total Depth _____ PBSD 2694

Amount of Surface Pipe Set and Cemented at 595 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2695

feet depth to surface w/ 375 sx cmt.

Drilling Fluid Management Plan 6-4-93
(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 2750 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name _____ License No. 1996

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

County _____ Docket No. _____ **FROM CONFIDENTIAL**

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.

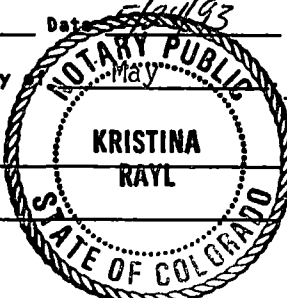
Signature Connie Smith

Title Sr. Engineering Technician Date May 1993

Subscribed and sworn to before me this 24th day of May 19 93.

Notary Public Kristina Rayl

Date Commission Expires 11-20-93



5-26-93 RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
MAY 26 1993
Distribution
 KCC SWD/Rep
 KGS Plug Other
(Specify)
CONSERVATION DIVISION
Wichita, Kansas

Operator Name **Ensign Operating Co.**

Lease Name Stoll Well # 3-27

Sec. 27 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:

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	595	65/35 Poz	200	6% Gel, 1/4#/sk cell of lake & 2% cc
					Class "H"	150	3% cc
Production	7 7/8	4 1/2	10.5	2695	HLC	200	1/4#/sk FLOCELE
					Class "H"	175	.6% HALAD 322

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
1 sp 2'	2614-18	7 1/2% Fe-HCl - 50 gals/perf
1 sp 2'	2644-46	16,800 gals foamed 50% qlty 28%
1 sp 2'	2654-62	Fe-HCl
1 sp 2'	2676-84	DISPL w/84,000 SCF Nitrogen 500 gals of foamed 50% qlty 28% Fe-HCl - flush w/21,800 scf nitrogen

TUBING RECORD Size 2 3/8 Set At 2665 Packer At _____
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 0 Bbls. Gas 200 Mcf Water 0 Bbls. Gas-Oil Ratio _____ Gravity _____

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Chase Production Interval

Other (Specify) _____

ORIGINAL

KCC

ATTACHMENT

MAY 2 4

To Well Completion Form ACO-1 Well History
Stoll #3-27

CONFIDENTIAL

15-175-21306

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Flowerpot Shale	1120	+1733
Glorietta SS	1196	+1657
Base Glorietta	1348	+1505
Stone Corral	1634	+1219
Base Stone Corral	1727	+1126
Hutchinson Salt	2218	+ 635
Base Last Salt	2322	+ 531
Chase Herrington	2612	+ 241
Upper Krider	2640	+ 213
Lower Krider	2670	+ 183

RELEASED

APR 1 1996

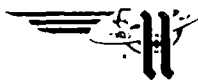
FROM CONFIDENTIAL

RECEIVED
STATE APPROPRIATION COMMISSION

MAY 26 1993

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL



75395-1046

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
601048	04/06/1996

INVOICE

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
STOLL 3-27		SEWARD		KS	SAFE	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE			TICKET DATE
LIBERAL		CSJ #11	CEMENT PRODUCTION CASING			04/06/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
273943	JIM SANDERSON			COMPANY TRUCK		495

DIRECT CORRESPONDENCE TO:

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

RECEIVED APR 21 1996

OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA MILEAGE	26	MI	2.75	71.50
001-016	CEMENTING CASING	2710	FT	1,225.00	1,225.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	95.00	95.00
825.201	CENTRALIZER 4-1/2 X 7 7/8	5	EA	43.00	215.00
40	FASGRIP LIMIT CLAMP 4 1/2"	1	EA	11.20	11.20
807.93004	3-WIPER L-B PLUG - 4 1/2"	1	EA	159.00	159.00
66	4 1/2" LATCH DOWN BAFFLE	1	EA	100.00	100.00
807.64021	CEMENT - PREMIUM	178	SK	8.69	1,520.75
093	CEMENT - HALL. LIGHT PREMIUM	200	SK	7.89	1,578.00
801.0273	FLOCELE	50	LB	1.40	70.00
594	HALAD-322	99	LB	6.90	683.10
001.00734	BULK SERVICE CHARGE	373	CFT	1.25	472.50
504-043	MILEAGE CMTG MAT DEL OR RETURN	700.860	TMI	.85	595.73
504-118	INVOICE SUBTOTAL				6,796.78
507-210	DISCOUNT-(BID)				1,359.35
507-775	INVOICE BID AMOUNT				5,437.43
500-207	*-KANSAS STATE SALES TAX				215.60
500-306	*-SEWARD COUNTY SALES TAX				44.00
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$5,697.03

RELEASED APR 1 1996

FROM CONFIDENTIAL

Stoll 3-27
 930002, 7070
 P. Walker

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



INVOICE

REMIT TO:

P O BOX 090788
DALLAS TX 75289-0788

ORIGINAL

0312

916147
 ENSIGN OPERATING CO
 SUITE 1140
 621 17TH STREET
 DENVER CO 80203

INVOICE DATE
INVOICE NUMBER
TYPE SERVICE
CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
	KS	SEWARD	WYLSSES	OS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
			04/03/93	JIM SANDERSON	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102871010	CSNG CMNT 501-1000' 1ST 8 HR	HR	1	740.0000	740.00
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	140.0000	140.00
049102000	TRANSPORTATION CMNT TON MILE	MI	818	.8800	719.84
049100000	SERVICE CRG CEMENT MATL LABD	CFT	378	1.2000	477.60
045006000	D35. LITEPOZ 3 EXTENDER	CFT	70	3.9400	275.80
045014050	B20. BENTONITE EXTENDER	LBS	1044	.1500	156.60
040015000	D909. CEMENT CLASS H	CFT	135	7.4700	1,232.55
040003000	D903. CEMENT CLASS C	CFT	130	7.9800	1,037.40
067005100	S1.CALCIUM CHLORIDE	LBS	813	.3600	292.68
044003025	D29. CELLOPHANE FLAKES	LBS	50	1.5900	79.50
950001005	SHOE REG PTTN GUIDE 8-5/8"	EA	1	225.0000	225.00
056011005	CENTR REG 8-5/8. B DIA 12"	EA	2	74.0000	148.00
056014005	RING STOP HAMMER 8-5/8"	EA	1	23.0000	23.00
057499001	K232. THD LKG COMPOUND KIT	EA	1	25.0000	25.00
059200002	MILEAGE. ALL OTHER EQUIPMENT	MI	47	2.6500	124.55
056702005	PLUG CENG 8-5/8" TOP PLASTIC	EA	1	98.0000	98.00
053003005	INSERT ORIFICE FILL 8-5/8"	EA	1	330.0000	330.00
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
	DISCOUNT - MATERIAL				784.71
	DISCOUNT - SERVICE				440.40
				SUB TOTAL --	4,900.41
N C	STATE TAX ON			3,714.69	182.02
N F C	LOCAL TAX ON			3,714.69	37.15
				AMOUNT DUE --	5,119.58

RELEASED
 APR 1 1996
 FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 26 1993

WITH QUESTIONS CALL 316-356-1272
 FEDERAL TAX ID # 30-239-7173
 TERMS -- NET 30 DAYS DUE ON OR BEFORE MAY 04, 1993

THANK YOU. WE APPRECIATE YOUR BUSINESS.

J. B. Watson
 T. WATSON
 Conservation Division
 Wichita, Kansas

ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: STOLL #3-27
SE-NW-NW SEC: 27-31S-32W
SEWARD COUNTY, KANSAS

15-175-21306

COMMENCED: 4-3-93
COMPLETED: 4-6-93
OPERATOR: ENSIGN OPERATING, INC.

DEPTH		FORMATION	REMARKS
From	To		
0	475	sand	
475	598	sand-redbed-gyp	Ran 14jts of 24#8 5/8"
598	990	redbed	csg LD @ 596'w/200sks
990	1200	redbed-gyp	Howcolite class C-1/4#
1200	1335	sand	FS-2%CC- 150sks class H
1335	1825	redbed-gyp	Lite 3%CC
1825	2110	redbed-gyp-shale	PD @ 11:45pm 4-3-93
2110	2695	lime-shale	

2695-TD

RELEASED

APR 1 1996

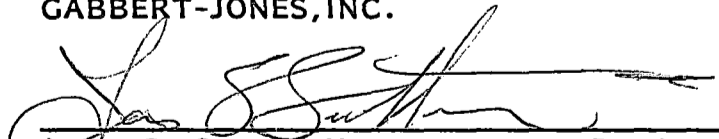
FROM CONFIDENTIAL

Ran 83jts of 10 1/2 #4 1/2"
csg LD @ 2694'w/200sks
HLC 1/4#FS - 75sks
class H - 6%Halid 322
PD @ 6:00pm 4-6-93
RR @ 7:00pm 4-6-93

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.

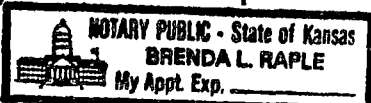

James S. Sutton, II - President

Subscribed & sworn to before me this 12th day of

April 1993


Brenda L. Raple, Notary Public

My commission expires October 16, 1996.



RECEIVED
STATE HISTORICAL COMMISSION
MAY 26 1993
CONSERVATION DIVISION
Wichita, Kansas