

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

API NO. 15-033-20,808 ~~100-00~~ FROM CONFIDENTIAL

County Comanche

C E/2 E/2 Sec. 22 Twp. 31S Rge. 17 X East West

2640 ✓ Ft. North from Southeast Corner of Section

660 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Unruh ✓ Well # 1-22

Field Name Wilmore

Producing Formation Mississippi

Elevation: Ground 2020' KB 2028'

Total Depth 5050' PBD 5032'

Operator: License # 04782

Name: Ensign Operating Co.

Address 621 17th St., #1800

City/State/Zip Denver, CO 80293

Purchaser: Spot Sales

Operator Contact Person: J.C. Simmons

Phone (303) 293-9999

Contractor: Name: Duke Drilling Co. Inc. Rig # 1

License: 5929

Wellsite Geologist: Douglas V. Davis, Jr.

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas SE Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

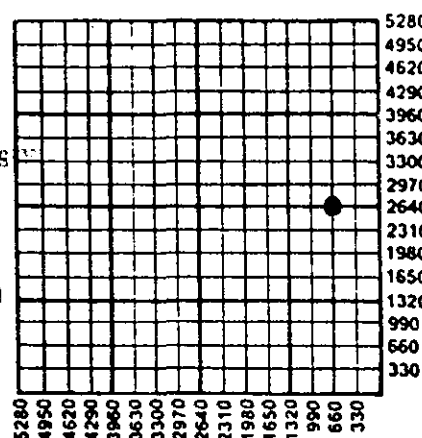
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

1/27/91 2/5/91 2/18/91-SI-WOPL

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 695 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 amt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]

Title Engineering Technician Date 3/27/91

Subscribed and sworn to before me this 22 day of March, 1991

[Signature]
Notary Public

My Commission expires October 21, 1991

21 17th St. Suite 1800
Denver, Colorado 80293

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

PC

ORIGINAL

CONFIDENTIAL

RELEASED

APR 09 1992

FROM CONFIDENTIAL

FORMATION TOPS

<u>Formation</u>	<u>E-log Datum Sample</u>			<u>Correlation</u>
Heebner Shale	4138	-2110	4146	2' low
Lansing Group	4330	-2302	4331	1' low
B/Kansas City	4748	-2720	4756	flat
Marmaton Group	4764	-2736	4768	2' high
Cherokee Group	4892	-2864	4901	2' low
Miss Warsaw	4940	-2912	4958	8' high
Warsaw Porosity	4954	-2926	4959	6' low
Miss. Osage	4978	-2950	4986	5' high
Total Depth	5038	-3010	5050	

RECEIVED
STATE CORPORATION COMMISSION

MAR 29 1991

CONSERVATION DIVISION
Topeka, Kansas

SLOPE TESTS

690' - 1° 4657' - 3/4° 4984' - 1°

FORMATION TESTS

#1 4877-4954 Mississippian Warsaw 30"-60"-60"-120"
 IHP 2358# FHP 2338#
 IFP 639-558# FFP 538-558# GTS/2"
 ISIP 1145# FSIP 1165# BHT 126° F
 Rec- 330' Mud Ist Ga- 1,274-2,012 2nd Ga 1,626-2,444 MCF

ORIGINAL

CONFIDENTIAL RECEIVED
RELEASED STATE CORPORATION COMMISSION

DRILLERS WELL LOG

APR 09 1992 MAR 29 1991

UNRUH #1-22
C-E/2 E/2
Section 22-31S-17W
Comanche County, Kansas.

ENSIGN OPERATING, INC. INSPECTION DIVISION
FROM CONFIDENTIAL Wichita, Kansas
COMMENCED: January 27, 1991
COMPLETED: February 6, 1991

ELEVATIONS: 2020' Gr. 2028' K.B.

0' - 698'	Surface soil and Red Beds
698' - 1337'	Shale
1337' - 2200'	Shale
2200' - 3135'	Shale
3135' - 3920'	Shale
3920' - 4522'	Shale and Lime
4522' - 5050'	Lime and Shale
5050'	RTD

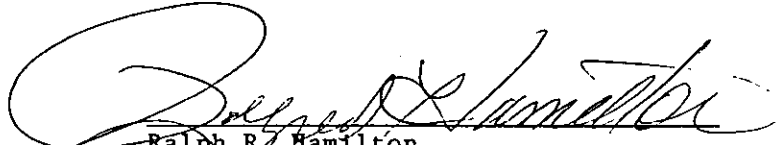
SURFACE CASING: Set 16 jts. New
8-5/8" x 23# at 695'. Cemented with
325 sacks 60/40 Pozmix, 2% gel,
3% cc.

PRODUCTION CASING: Set 115 jts. New
4 1/2" x 10 1/2# at 5043'. Cemented with
175 sacks Class H 7% Halad 322, 1/4#
CBL.

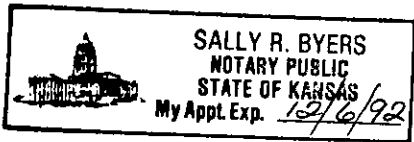
AFFIDAVIT


STATE OF KANSAS)
) ss:
COUNTY OF SEDGWICK)

Ralph R. Hamilton, of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.


Ralph R. Hamilton

Subscribed and sworn to me this 18th day of February, 1991.




Sally R. Byers NOTARY PUBLIC

My Commission Expires: December 6, 1992.



RELEASED

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

APR 9 1992

CONFIDENTIAL
FROM CONFIDENTIAL

INVOICE NO.	DATE
041947	02/06/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
UNRUH 1-22		COMANCHE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		TRANS PAC DRLG	CEMENT PRODUCTION CASING		02/06/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
273945	JERRY MAXWELL			COMPANY TRUCK	10004

ENSGN OIL & GAS INC.
621 17TH STREET, SUITE 1800
DENVER, CO 80293

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	48	MI	2.35	112.80
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	48	MI	.40	19.20
		1	UNT		
001-016	CEMENTING CASING	5049	FT	1,325.00	1,325.00
		1	UNT		
018-317	SUPER FLUSH	18	SK	74.00	1,332.00
508-002	POTASSIUM CHLORIDE	100	LB	.25	25.00
12A	GUIDE SHOE - 4 1/2" S.J.	1	EA	103.00	103.00
825.301					
593	3-WIPER L-D PLUG - 4 1/2"	1	EA	159.00	159.00
801.0373					
594	4 1/2" LATCH DOWN BAFFLE	1	EA	100.00	100.00
801.03734					
50	FLUIDMASTER CENTRALIZER 4 1/2"	4	EA	42.00	168.00
807.93504					
504-043	PREMIUM CEMENT	175	SK	6.85	1,198.75
507-939	SUPER CBL	41	LB	21.50	881.50
507-775	HALAD-322	115	LB	5.95	684.25
508-002	POTASSIUM CHLORIDE	250	LB	.25	62.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	404.544	TMI	.10	40.45
500-207	BULK SERVICE CHARGE	175	CFT	1.10	192.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	404.544	TMI	.75	303.41
INVOICE SUBTOTAL					6,707.36
DISCOUNT-(SPECIAL)					1,006.12-
*-KANSAS STATE SALES TAX					140.07
*-PRATT COUNTY SALES TAX					32.97
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,874.28

RECEIVED
STATE CORPORATION COMMISSION
MAR 29 1991
CONSERVATION DIVISION
Wichita, Kansas

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 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

KCC

FEB 28 1991

DRILLERS WELL LOG

RECEIVED
COMMISSIONER
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COURT CLERK

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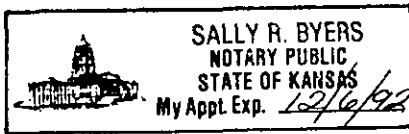
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