

RELEASED

AUG 25 1992

KCC

JUN 17 1991

SIDE ONE

ORIGINAL

*NOTE: Eagle Creek Corp of Wichita, KS took over operations of well as of 6/26/91 @ 12:00 AM.

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

API NO. 15- 119-20,834-00-00

County Meade
NE SW Sec. 17 Twp. 34S Rge. 28 East West

Operator: License # 04782

1980 Ft. North from Southeast Corner of Section

Name: Ensign Operating Co.

3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 621 17th St., #1800

Lease Name Ross Well # 5-17

City/State/Zip Denver, CO 80293

Field Name Irish Flats

Purchaser: _____

Producing Formation _____

Operator Contact Person: J. C. Simmons

Elevation: Ground 2458 KB 2469

Phone (303) 293-9999

Total Depth 5450 PBDT _____

Contractor: Name: Cheyenne Drilling #4

License: 5382

RECEIVED

STATE CORPORATION COMMISSION

Wellsite Geologist: Duane Moredock

JUL 19 1991

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd. Wichita, Kansas

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

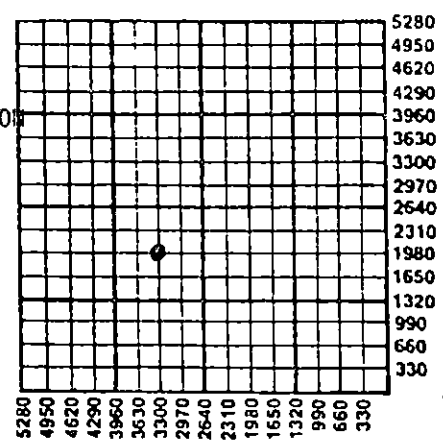
If OWM: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

6/17/91 6/24/91
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1624 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 Conni Smith

Title Sr. Engineering Technician Date 6/27/91

Subscribed and sworn to before me this 17th day of July, 1991.

Notary Public Janeta J. Campbell

Date Commission Expires 9-30-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Ensign Operating Co. Lease Name Ross Well # 5-17

Sec. 17 Twp. 34S Rge. 28 East West
 County Meade

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) See attached	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p>Name _____ Top _____ Bottom _____</p> <p style="text-align: center;">See attached</p>
---	--

NOTE: Eagle Creek Corp. of Wichita, KS took over operations of well as of 6/26/91 at 12:00 AM.

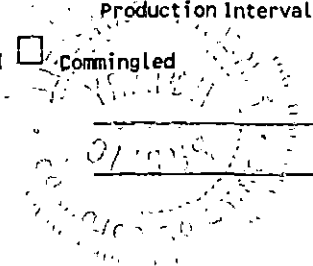
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used								
Report all strings set-conductor, surface, intermediate, production, etc.								
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surf	12-1/4	8-5/8	24	1624	Lite	550	2% CaCl ₂ + 1/4#/sk Celloseal	
					Class "C"	150	2% CaCl ₂	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
	Size	Set At	Packer At					
Date of First Production	Producing Method <input 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

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____





The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(713) 629-2600

ORIGINAL
INVOICE

RELEASED
ORIGINAL
2 5 1992

ENSIGN OIL & GAS INC.
TERMS

TO ENSIGN OPERATING COMPANY
BOX 2161
LIBERAL, KS 67901

2050

NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVOICE

FEDERAL I.D. NO. C 75-0763484

KCC

JUN 17 1991

03 937

CONFIDENTIAL

INVOICE NO.
377079

PLEASE DISREGARD THIS INFORMATION						
28018	12	25	15	1	20	9

DATE			OUR RECEIPT NO.	SERVICES FROM OUR STATION AT	OUR ENGINEER	SIGNED FOR YOU BY
MO.	DAY	YR.				
06	18	91	178155	PERRYTON CEMENTI	RABE	MCGRIFF
FOR SERVICING WELL NAME				COUNTY	STATE	YOUR ORDER NO.
ROSS 5-17				MEADE	KS	

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
1.0	F0055	CEMNG CSG, 1ST 8 HRS, 1501-2000'	1021.000	1,021.00
2.0	F0375	EA ADDITIONAL HOUR ON LOC, PER UNIT	178.000	356.00
70.0	K1005	MILEAGE CHARGE, PER UNIT, PER MILE	2.550	178.50
70.0	K1025	MILEAGE AUTO/PICK-UP/TREATING VAN	.870	60.90
864.0	M1005	SERVICE CHARGE LAND JOBS PER CU FT	1.200	1,036.80
67.0	M1035	SERVICE CHG RETURNED CMT PRODUCTS	.350	23.45
2596.0	M2305	DELIVERY CHARGE PER TON MILE	.810	2,102.76
1440.0	P0527	CALCIUM CHLORIDE-TEXAS PANHANDLE, LB	.350	504.00
125.0	P1715	CELLO-SEAL, PER LB	1.750	218.75
1.0	P3255	THREAD LOCKING COMPOUND, PER BOX	21.600	21.60
1.0	P3625	CEMNG PLG, RUBR, TOP, 8 5/8", EA	97.200	97.20
283.0	P392N	PREM PLUS CMT, SK, HUGOTON, KS	8.150	2,306.45
500.0	P462N	PACSETR PREM PLUS LT, SK, HUGOTON,	8.450	4,225.00
1.0	13365	8-5/8" G/S, NOTCHED, BRD	200.000	200.00
2.0	17068	8-5/8" CENTRALIZER, W/PIN	63.000	126.00
1.0	17135	8-5/8" STOP COLLARS	21.000	21.00
1.0	17180	8-5/8" INSERT, ALUM AUTO BRD STC	286.000	286.00
		SUB TOTAL		12,785.41

90200 SALES CONCESSION ON SERVICES

2,940.64-

955.120 *W* 910009 5/120
Cement CSG.

RECEIVED
STATE CORPORATION COMMISSION

JUL 19 1991

CONSERVATION DIVISION
Wichita, Kansas

Ross 5-17
Wacker

RECEIVED

JUN 24 1991

ACCOUNTING

PAY THIS AMOUNT

9,844.77

JUN 17 1991

CONFIDENTIAL
RELEASED

AUG 25 1992

GENERAL WELL INFORMATION

FROM CONFIDENTIAL

Operator: Ensign Operating Co.
Well Name: No. 5-17 Ross API No. 15-119-20834
Location: NE SW Sec. 17, T34S, R28W, 3300' FEL, 1980' FSL
County: Meade
State: Kansas
Field: Irish Flats
Elevation: G.L. 2458' K.B. 2469'
Date Spudded: June 17, 1991 @ 4:15 P.M.
Date Drilling Completed: June 24, 1991 @ 3:30 P.M.
Total Depth: Driller 5450' Logger 5446'
Status: Well Operations Turned Over To Eagle Creek Corporation.
Drill-Stem Tests: DST No. 1 4850' - 4886' Pennsylvanian Kansas City Grp. Iola 30-60-60-120

I.O. Strong blow, GTS 3 Min. Into Initial Shut In.
 F.O. Gauged 11.6 MCFD to 9.76 MCFD in 60 Min.

Recovery: 40' Mud.
 300' Very Highly Gas Cut, Mud Cut Oil.
 540' Water

	Time	Orifice Press.	Choke	Rate
F F	40 Min	48 Ins Wtr	1/4"	11.6 MCF/D
I L	50 Min	82 Ins Wtr	1/4"	15.2 MCF/D
N O	60 Min	65 Ins Wtr	1/4"	13.6 MCF/D
A W	70 Min	52 Ins Wtr	1/4"	12.1 MCF/D
L	80 Min	42 Ins Wtr	1/4"	10.9 MCF/D
	90 Min	34 Ins Wtr	1/4"	9.7 MCF/D

Sampler: 0.09 Ft³ Gas, 3800 Ml Water @ Non Meas. psi
 Rw 0.062 @ 75° F - 126,000 ppm NaCl.

RECEIVED
 STATE CORPORATION COMMISSION

JUL 19 1991

Wichita, Kansas

AUG 25 1992

FORMATION TOPS

	Comparison Well		FROM CONFIDENTIAL Drill Time		Wire Line	
	SW	SE NW 17-34S-28W	and Samples		Geophysical Logs	
	K.B. 2477'		Surface +2466'	Surface +2458'	Surface +2458'	
Tertiary	G.L. 2458'	K.B. 2469'				
Permian						
Guadalupian						
Taloga	228'	+2249'	204'	+2265'	204'	+2265'
Day Creek	290'	+2187'	264'	+2205'	264'	+2205'
Whitehorse	326'	+2151'	302'	+2167'	302'	+2167'
Leonardian						
Nippewalla Gr.						
Blaine	484'	+1993'	479'	+1990'	470'	+1999'
Cedar Hill	580'	+1897'	550'	+1919'	550'	+1919'
Salt Plain	850'	+1627'	816'	+1653'	816'	+1653'
Sumner Gr.						
Stone Corral	1355'	+1122'	1349'	+1120'	1350'	+1119'
Ninnescah	1430'	+1047'	1416'	+1053'	1418'	+1051'
Wellington	1842'	+635'	1843'	+626'	1838'	+631'
Hutchinson	2026'	+451'	2016'	+453'	2012'	+457'
Wolfcampian						
Chase Gr.						
Herington	2618'	-141'	2614'	-144'	2610'	-141'
Krider	2700'	-223'	2698'	-229'	2694'	-225'
Winfield	2754'	-277'	2752'	-278'	2746'	-272'
Towanda	2808'	-331'	2804'	-335'	2798'	-329'
Wreford	2988'	-511'	2988'	-519'	2982'	-513'
Council Grove Gr.	3100'	-623'	3096'	-627'	3092'	-623'
Pennsylvanian						
Virgilian						
Wabaunsee Gr.	3624'	-1147'	3615'	-1146'	3610'	-1141'
Shawnee Gr.	3720'	-1243'	3717'	-1248'	3714'	-1245'
Douglas Gr.						
Heebner	4536'	-1959'	4438'	-1969'	4434'	-1965'
Toronto	4460'	-1983'	4462'	-1993'	4460'	-1991'
Missourian						
Lansing-Kansas City	4580'	-2103'	4581'	-2512'	4572'	-2103'
Iola	4874'	-2397'	4880'	-2411'	4872'	-2403'
Desmoinesian						
Marmaton Gr.	5262'	-2785'	5261'	-2792'	5260'	-2791'
Novinger		NP	5333'	-2864'	5326'	-2857'
Cherokee Gr.	5454'	-2977'				
Atokian	5601'	-3124'				
Morrowian	5790'	-3313'				
Sandstone	5828'	-3351'				
Shale Marker	6004'	-3527'				
Terra Rossa	6155'	-3678'				
Mississippian						
Meramecian						
Ste. Genevieve	6230'	-3753'				
St. Louis		ND				
Total Depth	6343'	-3866'	5450'	-2981'	5446'	-2977'

RECEIVED
STATE CORPORATION COMMISSION

JUL 19 1991

Wichita, Kansas



ORIGINAL

INVOICE

COPY KCC

The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(713) 629-2600

CONFIDENTIAL

ENSIGN OIL & GAS INC.
TERMS

TO ENSIGN OPERATING COMPANY
BOX 2161
LIBERAL, KS 67901

NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVO

RELEASED 2850

JUL 01 1992

FEDERAL I.D. NO. C 75-0763484

FROM CONFIDENTIAL RECEIVED

INVOICE NO.
377079

PLEASE DISREGARD THIS INFORMATION						
28018	12	25	15	1	20	9

KANSAS CORPORATION COMMISSION

03 95

JAN 31 1992

DATE			OUR RECEIPT NO.	SERVICES FROM OUR STATION AT	CONSERVATION DIVISION	SIGNED FOR YOU BY
MO	DAY	YR			WICHITA, KS	
06	18	91	178155	PERRYTON CEMENTI RABE		MCGRIFF
FOR SERVICE WELL NAME				COUNTY	STATE	YOUR ORDER NO.
ROSS 5-17				MEADE	KS	

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
1.0	F0055	CEMNG CSG, 1ST 8 HRS, 1501-2000'	1021.000	1,021.00
2.0	F0375	EA ADDITIONAL HOUR ON LOC, PER UNIT	178.000	356.00
70.0	K1005	MILEAGE CHARGE, PER UNIT, PER MILE	2.550	178.50
70.0	K1025	MILEAGE AUTO/PICK-UP/TREATING VAN	.870	60.90
864.0	M1005	SERVICE CHARGE LAND JOBS PER CU FT	1.200	1,036.80
67.0	M1035	SERVICE CHG RETURNED CMT PRODUCTS	.350	23.45
2596.0	M2305	DELIVERY CHARGE PER TON MILE	.810	2,102.76
1440.0	P0527	CALCIUM CHLORIDE-TEXAS PANHANDLE, LB	.350	504.00
125.0	P1715	CELLO-SEAL, PER LB	1.750	218.75
1.0	P3255	THREAD LOCKING COMPOUND, PER BOX	21.600	21.60
1.0	P3625	CEMNTNG PLG, RUBR, TOP, 8 5/8", EA	97.200	97.20
283.0	P392N	PREM PLUS CMT, SK, HUGOTON, KS	8.150	2,306.45
500.0	P462N	PACESETR PREM PLUS LT, SK, HUGOTON,	8.450	4,225.00
1.0	13365	8-5/8" G/S, NOTCHED, BRD	200.000	200.00
2.0	17068	8-5/8" CENTRALIZER, W/PIN	63.000	126.00
1.0	17135	8-5/8" STOP COLLARS	21.000	21.00
1.0	17180	8-5/8" INSERT, ALUM AUTO BRD STC	286.000	286.00
			SUB TOTAL	12,785.41

90200 SALES CONCESSION ON SERVICES 2,940.64

955.120 *OW* 910009 3120
Cement CSG.

Ross 5-17
Parker *JP*

RECEIVED

JUN 24 1991

ACCOUNTING

PAY THIS AMOUNT