

SIDE ONE

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

Operator: License # 5614  
Name: HUTCHINSON OIL CO.  
Address 105 S. Broadway, Ste 470  
Wichita, KS 67202  
City/State/Zip \_\_\_\_\_  
Purchaser: Koch Oil Company  
Operator Contact Person: Steve Hutchinson  
Phone (316) 262-1525

Contractor: Name: ALLEN DRILLING COMPANY  
License: 5418  
Wellsite Geologist: Randy Lilak

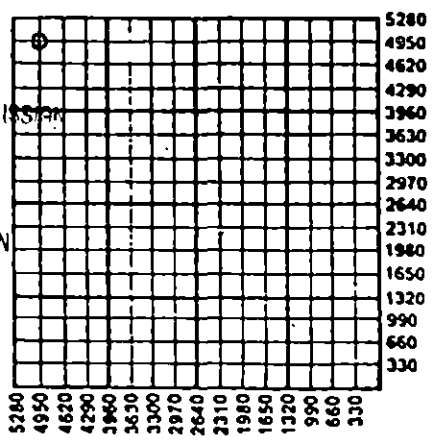
Designate Type of Completion  
 New Well  Re-Entry  Workover  CONSERVATION DIVISION  
 Oil  SWD  Temp. Abd.  Wichita, Kansas  
 Gas  Inj  Delayed Comp. 8-26-91  
 Dry  Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/08/91 5/15/91 5/31/91  
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,772-0000  
County Stafford  
NW NW NW Sec. 19 Twp. 22 Rge. 12  East West  
4950 Ft. North from Southeast Corner of Section  
4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plot below.)  
Lease Name ALPERS Well # 2-19  
Field Name Wildcat  
Producing Formation LKC 3484-87' & 3503-06'  
Elevation: Ground 1878 KB 1883  
Total Depth 3800 P8TD \_\_\_\_\_

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Wichita, Kansas



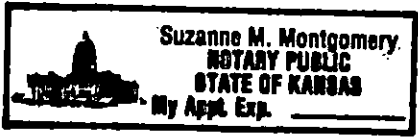
Amount of Surface Pipe Set and Cemented at 265 Feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cnt.

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 [Handwritten Signature]  
Title Owner Date 8/23/91  
Subscribed and sworn to before me this 23rd day of August, 19 91.  
Notary Public [Handwritten Signature]  
Date Commission Expires 9-15-93

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 HUTCHINSON OIL CO. Lease Name ALPERS Well # 2-19  
 Sec. 19 Twp. 22 Rge. 12  East  West  
 County Stafford

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.)

(SEE ATTACHED)

Formation Description	Top		Bottom
	None	+	
Anhy	705	+	1178
Heebner	3201	-	1318
Brown Lime	3337	-	1454
Lansing	3349	-	1466
Base Kansas City	3593	-	1710
Viola	3637	-	1754
Simpson Shale	3685	-	1802
Arbuckle	3747	-	1864
LTD	3800	-	1917

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	20 # new	265	60/40poz	185	3%cc 2%gel
production	7-7/8	5-1/2	14# new	3797	50/50poz	140	2%gel, 10% A-5

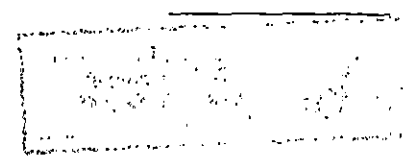
Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 spf	3484-87'	2500 gals 15% NE acid	
2 spf	3503-06'		

TUBING RECORD Size 2-7/8ths Set At 3775' Packer At N/A Liner Run  Yes  No

Date of First Production 6/01/91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	8	N/A	8		28°

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_



ORIGINAL

#2-19 ALPERS  
Drill Stem Tests Taken

- DST #1 3378-3433' (30-45-60-60) Rec. 405' gas in pipe, 15' of OCM (28% oil) ISIP 632# FSIP 625# IFP 53-53# FFP 52-52# HP 1724-1703# BHT 106°
- DST #2 3477-3510' (30-45-45-60) Rec. 2340' gas in pipe, 300' muddy oil (34% oil) ISIP 1236# FSIP 1236# IFP 52-83# FFP 104-125# HP 1734-1734# BHT 108°
- DST #3 3589-3600' (45-45-45-15) Rec. 25' VSOCM (2% oil) ISIP 281# FSIP 177# IFP 31-31# FFP 41-41# HP 1765-1755# BHT 109°
- DST #4 3720-3751' (45-45-60-60) Rec. 10' C.O. & 100' SOCMW 2% oil ISIP 1206# FSIP 1157# IFP 31-41# FFP 52062# HP 1876-1857# BHT 118°

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STATE CONSERVATION COMMISSION  
STATE

**AUG 26 1991**

CONSERVATION DIVISION  
Wichita, Kansas



ORIGINAL

INVOICE DATE
05/08/91

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. 635798
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AUTHORIZED BY 635798
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PURCH. ORDER REF. NO.
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HUTCHISEN OIL COMPANY  
420 BROADWAY PLAZA  
105 SOUTH BROADWAY  
WICHITA KS 67202

WELL NUMBER : 2-19      CUSTOMER NUMBER : 6460 - 0

LEASE NAME AND NUMBER ALPERS	STATE 14	COUNTY/PARISH 1409	CITY	DISTRICT NAME Great Bend	DISTR. NO. 582
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 05/08/91	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE	
10109302	1.00	CEMENT CASING 8 TO 300 FEET	440.00		440.00	
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.35		47.00	
10410504	111.00	CLASS "A" CEMENT	5.35	QT	593.85	
10415018	74.00	FLY ASH	2.79	CFT	206.46	
10415049	477.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46	LB	219.42	
10420145	318.00	BJ-TITAN GEL, BENTONITE, BULK SALE	0.14	LB	44.52	
10422008	46.00	CELLO FLAKE	1.30	LB	59.80	
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00	
10880001	185.00	MIXING SEVICE CHRG DRY MATERIALS,	1.10		203.50	
10940101	168.00	DRAVAGE, PER TON MILE	0.75		126.00	
RECEIVED AUG 26 1991 CONSERVATION DIVISION Wichita, Kansas					SUBTOTAL DISCOUNT	1,957.55 419.49

ACCOUNT	1.0000% BARTON	896.53	8.96
	4.2500% KS-NEW WELL	896.53	38.11
TAX EXEMPTION STATUS:	PAY THIS AMOUNT. →		1,585.13

1016-24-91  
OCT# 9512



ORIGINAL

ORIGINAL

INVOICE DATE

05/15/91

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PAGE  1	INVOICE NO.  635879
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AUTHORIZED BY  635879
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PURCH. ORDER REF. NO.
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HUTCHISON OIL COMPANY

420 BROADWAY PLAZA  
105 SOUTH BROADWAY  
WICHITA KS 67202

WELL NUMBER : 4-19 #2-19      CUSTOMER NUMBER : 6460 - 0

LEASE NAME AND NUMBER KRANKENBERG ALPERS	STATE 14	COUNTY/PARISH 1409	CITY Great Bend	DISTRICT NAME 582	DISTR. NO.
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 05/15/91	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	UM	EXTENDED PRICE
10100321	1.00	CEMENT CASING 3,501 TO 4,000 FEET	1145.00		1,145.00
10109009	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.35		47.00
10409600	1.00	INSERT	188.00	GAL	188.00
10409600	1.00	GUIDE SHOE	124.00	GAL	124.00
10409600	6.00	CENT	46.75	GAL	280.50
10410504	75.00	CLASS #A# CEMENT	5.35	QT	401.25
10415018	75.00	FLY ASH	2.79	CFT	209.25
10415038	700.00	A-5 SALT	0.11	LB	77.00
10415082	750.00	KOL SEAL	0.33	LB	247.50
10420149	252.00	BJ-TITAN GEL, BENTONITE, BULK SALE	0.14	LB	35.28
10424009	95.00	CD-31	3.87	LB	367.65
10424530	24.00	FP-8	2.55	LB	61.20

ACCOUNT
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CONSERVATION DIVISION  
Wichita, Kansas

TAX EXEMPTION STATUS:
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ORIGINAL

ORIGINAL

INVOICE DATE  
05/15/91

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 2	INVOICE NO. 635879
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AUTHORIZED BY  
635879

PURCH. ORDER REF. NO.

HUTCHISON OIL COMPANY  
420 BROADWAY PLAZA  
105 SOUTH BROADWAY  
WICHITA KS 67202

WELL NUMBER : ~~6-19~~ #2-19      CUSTOMER NUMBER : 6460 - 0

LEASE NAME AND NUMBER KRANKENBERG ALPERS	STATE 14	COUNTY/PARISH 1409	CITY Great Bend	DISTRICT NAME 582	DISTR. NO.
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 05/15/91	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10425010	420.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	1.64	GAL	688.80
10430620	1.00	5 1/2" TOP PLUG RESIN/PLASTIC CORE	60.00	EA	60.00
10880001	180.00	MIXING SERVICE CHRG DRY MATERIALS,	1.10		198.00
10902505	1.00	ROTATING HEAD, WHEN USED WITH BJ-T	190.00		190.00
10940103	144.00	DRAVAGE, PER TON MILE	0.75		108.00
<b>SUBTOTAL</b>					<b>14,428.63</b>
<b>DISCOUNT</b>					<b>885.69</b>

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AUG 26 1991  
CONSERVATION DIVISION  
Wichita, Kansas

ACCOUNT:	1.0000Z BARTON	2,192.34	21.91
	4.2500Z KS-NEW WELL	2,192.34	93.18

TAX EXEMPTION STATUS:      **PAY THIS AMOUNT**      **3,657.83**