

ORIGINAL
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, Suite 470

City/State/Zip Wichita, KS 67202

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Steve Hutchinson

Phone (316) 262-1525

Contractor: Name: H-30 Drilling, Inc.

License: 5107

Wellsite Geologist: Jeff Burk

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp. 13
 Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: Wichita

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

2-24-90 3-2-90 3/14/90

Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,650-0000

County Stafford

NE NE SE Sec. 19 Twp. 22S Rge. 12 East West

2310 Ft. North from Southeast Corner of Section

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

Lease Name Krankenber Well # 4-19

Field Name Krankenber

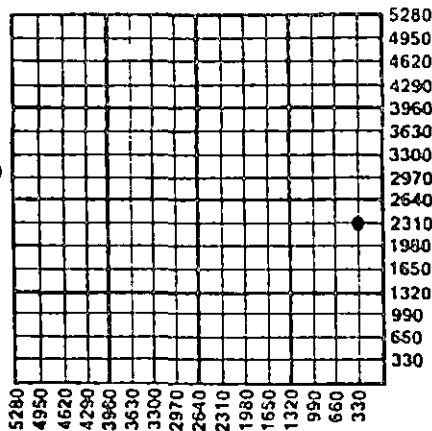
Producing Formation Lansing KC 3470-3536'

Elevation: Ground 1870' KB 1875'

Total Depth 3825' KB PBTD 3536'

6-13-90

1990



AIT-I

Amount of Surface Pipe Set and Cemented at 253 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 Steve Hutchinson

Title Owner Date 4/20/90

Subscribed and sworn to before me this 20 day of April, 19 90.

Notary Public Suzanne M. Montgomery

Date Commission Expires 9-15-93

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

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



14112190

SIDE TWO

Operator Name Hutchinson Oil Co. Lease Name Krankenberg Well # 4-19
County Stafford
Sec. 19 Twp. 22S Rge. 12
East
West

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No

(See Exhibit "A")

Formation Description table with columns: Name, Top, Bottom. Rows include Sand, Shale, Red Bed, Shale and Shells, Shale, Lime and Shale, Shale, Lime and Shale, and Rotary Total Depth.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data section. Includes tables for casing details, perforation intervals, tubing specifications, and production estimates.

Disposition of Gas: [] Vented [] Sold [X] Used on Lease
METHOD OF COMPLETION: [] Open Hole [X] Perforation [] Dually Completed [] Commingled
Production Interval

Stamp: RECEIVED... 14112190

ORIGINAL

DRILL STEM TEST #4-19 KRANKENBERG

- DST #1 3375-3416' (15-30-45-60)
 1st op-GTS in 2 min. gauged 840,000 CFPD in 15 min.
 2nd op-Stabalized at 840,000 CFPD
 Rec: 600' total fluid
 480' MGO (40% oil, 30% gas, 5% wtr, 25% mud)
 90' MGO (50% oil, 28% gas, 20% wtr, 2% mud)
 30" OCW (5% oil, 95% wtr)
 IHP 1630# FHP 1630# ISIP 1257# FSIP 1246# IFP 343-343# FFP 375-437#
 BHT 106°
- DST #2 3461-3500' (30-45-30-65)
 1st op-GTS in 3 min., 5 min. 245,000 CFPD 30 min. decreased to
 133,000
 2nd op-18,500 CFPD in 5 min., 25 min. 15,700 CFPD, flowed oil to
 surface 1 hr 45 min into test.
 Rec: 3,450' GO (50% oil)
 IHP 1703# FHP 1692# ISIP 1226# FSIP 1226# IFP 302-354# FFP 447-
 582# BHT 106°
- DST #3 3499-3544' (30-45-30-60)
 1st op-Strong blow, GTS in 12 min. TSTM
 2nd op- same
 Rec: 240' total fluid
 60' O & GCM (5% oil, 5% gas, 90% mud)
 120' GMO (25% oil, 38% gas, 22% mud, 15% wtr)
 60' G&WCMO (27% oil, 38% gas, 25% wtr, 10% mud
 chlorides 42,000 PPM IHP 1734# FHP 1734# ISIP 863# FSIP
 883# IFP 52-72# FFP 93-104# BHT 105°
- DST #4 3710-3750' (30-45-60-45)
 1st op- wk blow building to strong blow
 Rec: 780' total fluid
 60' OCMW (8% oil, 43% wtr, 48% mud)
 120' OCMW (6% oil, 7% gas, 42% mud, 45% wtr)
 60' wtr (scum oil
 540' wtr.
 Chlorides 16,000 PPM IHP 1879# FHP 1879# ISIP 1267# FSIP 1257#
 IFP 62-145# FFP 187-375# BHT 117°

* Log Tops

| | |
|-------------|---------------|
| Anhydrite | 672 + 1203 |
| Heebner | 3182 - 1307 |
| Brown Lime | 3318 - 1443 |
| Lansing | 3340 - 1465 |
| B/KC | 3560 - 1685.. |
| Viola | 3638 - 1763 |
| Simpson | 3688 - 1813 |
| Arbuckle | 3742 - 1867 |
| Total depth | 3825 - 1950 |

JUN 13 1990

W. H. H. H. H. H.
 W. H. H. H. H. H.



ORIGINAL

CUSTOMER

| |
|--------------|
| INVOICE DATE |
| 03/03/90 |

| | | |
|--|--|--|
| 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 100806 HOUSTON, TX 77212 |
|--|--|--|

| | |
|------|-------------|
| PAGE | INVOICE NO. |
| 1 | QM088 |

| |
|----------------|
| AUTHORIZED BY: |
| 609301 |

| |
|-----------------------|
| PURCH. ORDER REF. NO. |
| |

HUTCHISON OIL COMPANY
420 BROADWAY PLAZA
105 SOUTH BROADWAY
WICHITA

KS 67202

WELL NUMBER : 4-19

CUSTOMER NUMBER : 06460008

| | | | | | |
|--------------------------------------|--------------|-------------------------|--|-----------------------------|--------------------|
| LEASE NAME AND NUMBER KRANKENBERG | STATE 14 | COUNTY/PARISH | CITY | DISTRICT NAME GREAT BEND | DISTR. NO. 3310 |
| JOB LOCATION/FIELD | MTA DISTRICT | DATE OF JOB 03/03/90 | TYPE OF SERVICE LAND-LONG STRING/PRODUC | | |

| PRODUCT NUMBER | QUANTITY | DESCRIPTION | UNIT PRICE | U/M | EXTENDED PRICE |
|----------------|----------|-------------------------------------|------------|-----|----------------|
| 10100320 | 1.00 | CEMENTING CASING 3001 TO 5000 FT. | 879.00 | | 879.00 |
| 10100325 | 8.21 | PLUS PER 100 FT. BELOW 3000 FT. | 9.80 | | 80.46 |
| 10109005 | 40.00 | MILEAGE CHRG. FROM NEAREST BASE OF | 1.10 | | 44.00 |
| 10410504 | 75.00 | CLASS "A" CEMENT | 5.25 | CF | 393.75 |
| 10415018 | 75.00 | DIAMIX F | 2.46 | CF | 184.50 |
| 10420145 | 2.52 | BJ-TITAN GEL, BENTONITE, BULK SALES | 6.75 | CW | 17.01 |
| 10415038 | 26.00 | A-5 SALT | 7.00 | CW | 182.00 |
| 10424005 | 95.00 | CD-31 | 3.87 | LB | 367.65 |
| 10424520 | 18.00 | FP-6 | 2.20 | LB | 39.60 |
| 10415080 | 7.50 | GILSONITE | 33.00 | CW | 247.50 |
| 10425010 | 300.00 | MUD-SWEEP, WITH BJ-TITAN PUMPING EQ | 1.45 | GL | 435.00 |
| 10409600 | 1.00 | 5 1/2" INSERT | 180.00 | GL | 180.00 |
| 10409600 | 1.00 | SHOE | 119.00 | GL | 119.00 |
| 10409600 | 6.00 | CENT | 45.00 | GL | 270.00 |
| 10430520 | 1.00 | 5-1/2" TOP RUBBER PLUG | 55.00 | EA | 55.00 |
| 10940101 | 160.00 | DRAYAGE, PER TON MILE | 0.70 | | 112.00 |

| | |
|---------|---|
| ACCOUNT | STATE COMMISSION |
| | <p>JUL 15 1991</p> <p>CONSERVATION DIVISION Wichita, Kansas</p> <p><i>PO# 4-23-90</i> <i>CR # 8477</i> <i>IDC # 2200.00</i> <i>418 826.19</i></p> |

TAX EXEMPTION STATUS:



ORIGINAL

CUSTOMER

INVOICE DATE
03/03/90

| DIRECT BILLING INQUIRIES TO | TERMS | REMIT TO: |
|-----------------------------|---|---|
| 713-895-5821 | NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE | B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212 |

| PAGE | INVOICE NO. |
|------|-------------|
| 2 | QM088 |

HUTCHISON OIL COMPANY
420 BROADWAY PLAZA
105 SOUTH BROADWAY
WICHITA

KS 67202

AUTHORIZED BY
609301

PURCH. ORDER REF. NO.

WELL NUMBER : 4-19

CUSTOMER NUMBER : 06460008

| LEASE NAME AND NUMBER | STATE | COUNTY/PARISH | CITY | DISTRICT NAME | DISTR. NO. |
|-----------------------|-------|---------------|-------------|-------------------------|------------|
| KRANKENBERG | 14 | | | GREAT BEND | 3310 |
| JOB LOCATION/FIELD | | MTA DISTRICT | DATE OF JOB | TYPE OF SERVICE | |
| | | | 03/03/90 | LAND-LONG STRING/PRODUC | |

| PRODUCT NUMBER | QUANTITY | DESCRIPTION | UNIT PRICE | U/M | EXTENDED PRICE |
|----------------|----------|-------------------------------------|------------|-----|----------------|
| 10880085 | 150.00 | MIXING CUSTOMERS MATERIALS, PER CUB | 0.95 | | 142.50 |
| SUBTOTAL | | | | | 3,748.97 |
| DISCOUNT | | | | | 824.77 |

| | | |
|---------|--|---|
| ACCOUNT | <p>4.25000% STATE TAX</p> <p>1.00000% COUNTY TAX</p> <p>WALTON OPERATIONS COMMISSION</p> <p>MAR 15 1991</p> <p>CONSERVATION DIVISION Wichita, Kansas</p> | <p>1902.99</p> <p>1942.99</p> <p>82.56</p> <p>19.43</p> |
|---------|--|---|

Handwritten notes:
MAY 23 1990
CR # 8477
IDC # 250000
SIB 826.19

TAX EXEMPTION STATUS: PAY THIS AMOUNT 3,026.19



ORIGINAL

ORIGINAL

| |
|--------------|
| INVOICE DATE |
| 02/24/90 |

| | | |
|--|---|--|
| DIRECT BILLING INQUIRIES TO: 713-895-5821 | TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE | REMIT TO: BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212 |
|--|---|--|

| | |
|------|-------------|
| PAGE | INVOICE NO. |
| 1 | QA064 |

HUTCHISON OIL COMPANY

420 BROADWAY PLAZA
105 SOUTH BROADWAY
WICHITA

KS 67202

| |
|---------------|
| AUTHORIZED BY |
| 545131 |

| |
|-----------------------|
| PURCH. ORDER REF. NO. |
| |

WELL NUMBER : 4-19

CUSTOMER NUMBER : 06460008

| | | | | | |
|-----------------------|--------------|---------------|-----------------|---------------|------------|
| LEASE NAME AND NUMBER | STATE | COUNTY/PARISH | CITY | DISTRICT NAME | DISTR. NO. |
| KRANKEN BERG | 15 | | surface | GREAT BEND | 3310 |
| JOB LOCATION/FIELD | MTA DISTRICT | DATE OF JOB | TYPE OF SERVICE | | |
| | | 02/24/90 | LAND-SQUEEZE | | |

| PRODUCT NUMBER | QUANTITY | DESCRIPTION | UNIT PRICE | U/M | EXTENDED PRICE |
|----------------|----------|-------------------------------------|------------|-----|----------------|
| 10100303 | 1.00 | CEMENTING CASING 0 TO 300 FT. | 375.00 | | 375.00 |
| 10109005 | 40.00 | MILEAGE CHRG, FROM NEAREST BASE OF | 1.10 | | 44.00 |
| 10410504 | 111.00 | CLASS "A" CEMENT | 5.25 | CF | 582.75 |
| 10415018 | 74.00 | DIAMIX F | 2.46 | CF | 182.04 |
| 10415049 | 477.00 | A-7-P CALCIUM CHLORIDE PELLETS | 0.33 | LB | 157.41 |
| 10420145 | 3.20 | BJ-TITAN GEL, BENTONITE, BULK SALES | 6.75 | CW | 21.60 |
| 10422005 | 50.00 | CELLO FLAKE, | 1.27 | GL | 63.50 |
| 10430538 | 1.00 | 8-5/8 DRY HOLE PLUG | 17.00 | EA | 17.00 |
| 10880085 | 185.00 | MIXING CUSTOMERS MATERIALS, PER CUB | 0.95 | | 175.75 |
| 10940101 | 168.00 | DRAYAGE, PER TON MILE | 0.70 | | 117.60 |
| SUBTOTAL | | | | | 1,736.65 |
| DISCOUNT | | | | | 382.07 |

| | | | |
|---------|---|--------------------|----------------|
| ACCOUNT | 4.25000% STATE TAX 1.00000% COUNTY TAX RECEIVED STATE COMMISSION 1111 9 5 1991 WICHITA, KANSAS | 1354.58 1354.58 | 57.58 13.56 |
|---------|---|--------------------|----------------|

104-23-90
ck# 84177

| | | |
|-----------------------|-----------------|----------|
| TAX EXEMPTION STATUS: | PAY THIS AMOUNT | 1,425.72 |
|-----------------------|-----------------|----------|