

ORIGINAL

RELEASED

SIDE ONE

AUG 21 1991

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

API NO. 15- 181-20,281-00-00 8-21-91
FROM CONFIDENTIAL

County Sherman
NW NE Sec. 5 Twp. 8 Rge. 39 East West X

Operator: License # 5171

4620 Ft. North from Southeast Corner of Section

Name: TXO Production Corp.

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 1660 Lincoln Street

Suite 1800

Lease Name Trachsel Well # 1

City/State/Zip Denver, CO 80264

Field Name Wildcat

Purchaser: None

Producing Formation Niobrara

Operator Contact Person: Jerry W. Collins

Elevation: Ground 3648' KB 3656'

Phone (303) 861-4246

Total Depth 1055' PBDT 950'

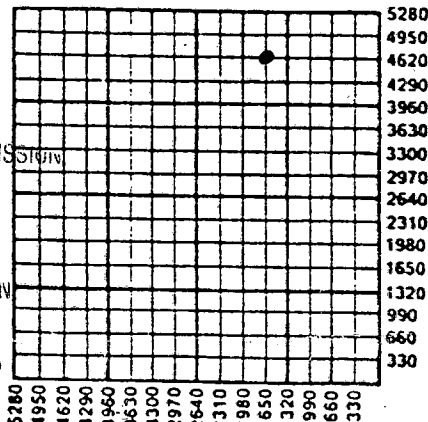
Contractor: Name: Excel Drilling

License: 08273

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

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JUL 19 1990
CONSERVATION DIVISION
Wichita, Kansas



Oil SWD Temp. Abd.
 Gas 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

6-18-90 6-20-90 7-15-90
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe, Set and Cemented at 361 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

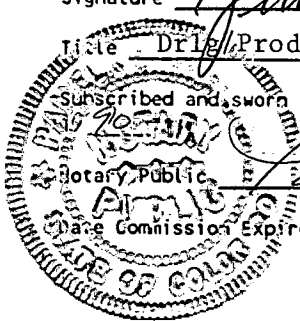
If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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 Jerry W. Collins
Title Drill/Prodn Engineer Date 6-27-90



Subscribed and sworn to before me this 16th day of July
Notary Public Pamela Chelmer
Date Commission Expires 2/22/93

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)

P

SIDE TWO

Operator Name TXO Production Corp.

Lease Name Trachsel

Well # 1

Sec. 5 Twp. 8S Rge. 39

East
 West

County Sherman

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.

RELEASED

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.)

Formation Description AUG 21 1991

Log Sample **FROM CONFIDENTIAL**

Name _____ Top _____ Bottom _____

No Geologist on well.

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 | 7-7/8" | 7 | 22# | 361' | "A" | 175 | 2% CC |
| Production | 6-1/4" | 4 1/2" | 10.5# | 998' | "A" | 50 | 2% CC |

PERFORATION RECORD

Shots Per Foot _____ Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) _____ Depth _____

Open hole
998-1055

Frac w/500 bbl gel wtr +
96 tons CO₂ + 51,000# 20-40-
SD + 51,000# 12-20-SD

TUBING RECORD

Size _____ Set At _____ Packer At _____

Liner Run Yes No

Date of First Production 7-13-90

Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours

Oil 0 Bbls. Gas 700 Mcf Water 0 Bbls. Gas-Oil Ratio _____ Gravity _____

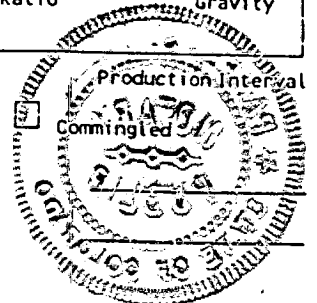
Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed
 Other (Specify) _____

Shut-in looking for
Market D or WCC



JOB LOG

CUSTOMER

TXO

ORIGINAL

PAGE NO.

1 OF 2

JOB TYPE

SQUEEZE

DATE 7-3-90

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-----------------|--------------|--------------------|--------------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 0545 | | | | | | | RELEASED |
| | 1000 | | | | | | | CALLING OUT 15-181-20281-00-00 ON LOC |
| | | | | | | | | AUG 2 1 1991 |
| | 1015 | | | | | | | Rig Running TBg FROM CONFIDENTIAL WATER Truck Back Down |
| | 1020 | | | | | | | Run into Good (L) To get (L) #20 |
| | 1115 | | | | | | | ON LOC. SET UP TRUCK |
| | 1130 | | | 1 | | | | Circ Hole |
| | 1132 | | 4 | 1 | | | | FIN CIRC |
| | 1135 | | 1/2 | 1 | | 500 | | LOAD ANN |
| | 1138 | | 1/2 | 1 | | 1000 | | LOAD TBa - COULD NOT PUMP INTO |
| | 1145 | | | | | | | BLEED TO 200 PSI & HOLD IN 3 MIN |
| | 1145 | | | | | | | WAIT ON ORDERS |
| | 1210 | 1/4 | | 1 | | 1500 | | PUMP INTO |
| | 1215 | 2 | 6 | 1 | | 1500 | | FIN IN SECTION RATE |
| | 1225 | 2 | | 1 | | 1500 | | START MIXING CMT |
| | 1228 | 1 | 5 | 1 | | 800 | | CMT ON PUMP - SLOW RATE |
| | 1235 | 2 | 1415 | 1 | | 500 | | FIN CMT - MIX 50 SKS Thixotropic |
| | 1235 | # | # | # | | # | | WASH UP PUMP & LINES |
| | 1238 | 1 | | 1 | | 700 | | START DISP |
| | 1239 | 3/4 | 1 | 1 | | 500 | | 1 OUT SLOW RATE |
| | 1241 | 1/2 | 2 | 1 | | 400 | | 2 OUT SLOW RATE |
| | 1244 | 1/2 | 3 1/2 | 1 | | 400 | | 3 1/2 OUT STOP DISP - FALL TO ZERO |
| | 1300 | | | 1 | | 800 | | TEST SQUEEZE - BROKE - FALL TO ZERO |
| | | | | | | | | WASH UP PUMP TRUCK |
| | 1310 | | | 1 | | 500 | | REPRESSURE ANN |
| | 1315 | | | 1 | | 500 | | PRESSURE UPON SQUEEZE - 400 |
| | 1320 | | 3 3/4 | 1 | | 1000 | | INCREASE PRESSURE - BROKE FALL TO 1000 |
| | 1350 | | | 1 | | 500 | | PRESSURE UP BACK TO 100 PSI |
| | 1353 | | | 1 | | 500 | | PRESSURE UP ON SQUEEZE - SLIGHT BLEED |
| | 1413 | | | 1 | | | | FALL TO 300 |
| | 1413 | | | 1 | | 500 | | REPRESSURE - TO 500 PSI |
| | 1445 | | | 1 | | | | FALL TO 250 |
| | 1445 | | | 1 | | 500 | | PRESSURE TO 500 PSI |
| | 1515 | | | 1 | | | | FALL TO 200 |
| | 1515 | | | 1 | | 500 | | PRESSURE TO 500 PSI |
| | 1545 | | | 1 | | 600 | | PRESSURE TO 600 PSI |

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STATE CORPORATION
JUL 19 1990
OPERATIONAL DIVISION

JOB LOG

WELL NO. 1 LEASE Franchiser TICKET NO. 863474

15-81-20281-00-00 CUSTOMER TXO PAGE NO. 2 of 2

FORM 2013 R-2 JOB TYPE SQUEEZE DATE 7-3-90

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 1556 | | | | | | | Holdings 600 |
| | 1556 | | | | | | | RELEASE - HOLD |
| | 1600 | | | | 1 | | 100 | ST. REV. OUT |
| | 1602 | | 6 | | 1 | | 100 | FR. REV. OUT |
| | 1607 | | | | 1 | | 500 | Annulus |
| | 1608 | | | | 1 | 500 | | TEST SQUEEZE |
| | 1614 | | | | 1 | 500 | | Holdings - Release - Hold |
| | 1616 | | | | | | | Run TBG & Taper into 90' |
| | 1630 | | | | | | | Pull Tools |
| | | | | | | | | Job Complete |
| | | | | | | | | 3 Thank You |
| | | | | | | | | John Hunt / Jimika |

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JUL 19 1990
CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES
JOB LOG

FORM 2013 R-2

WELL NO. 1 LEASE BRACHSEL TICKET NO. 043074
 CUSTOMER TXO PAGE NO. 1
 JOB TYPE CMT #2 PROD. CSNG DATE 6-19-90

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|--------------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 1730 | | | | | | | RELEASED |
| | 1020-90 0050 | | | | | | | AUG 21 1991 |
| | 6-19-90 2400 | | | | | | | REQUESTED |
| | 0200 | | | | | | | FROM CONFIDENTIAL |
| | 0220 | | | | | | | D.C. LAYED DOWN |
| | 0222 | | | | | | | MAKE UP FORMATION PACK SHOES |
| | 0330 | | | | | | | START CSNG. SHAG JT. 44' LATCH DOWN |
| | 0344 | | | | | | | BAFFLE-BASKET ON FIRST JT + SECOND JT |
| | 0345 | | | | | | | CENTRALIZERS ON 1 ST 2 ND + 5 TH COLLARS |
| | 0348 | | | | | | | HOOK UP TO CSNG. |
| | 0400 | | | | | | | FORMATION PACK SHOE AT 998' |
| | 0405 | | | | 1 | | | 150' LOAD CASING + pump out FILL TIME - 450" |
| | 0415 | | | | | | | DROP BALL TO EXPAND FORMATION PACK SHOES |
| | 0420 | | | | | | | START pumping 1/2 mud pump |
| | 0421 | | | | 1 | | | 650' FORMATION PACK SHOE SET - 650" |
| | 0500 | 4 | | | | | | AND CIRCULATING |
| | 0501 | 5 | 3 BBL | | 1 | | | LOADING CIRCULATION |
| | 0505 | | 11 BBL | | | | | LOST CIRCULATION - SHUT DOWN |
| | 0511 | | | | 1 | | | WAIT ON ORDERS |
| | 0515 | 5 | 16 BBL | | 1 | | | START 3 BBL H ₂ O |
| | 0518 | | | | | | | 100' START 50 SKS. OF COMBAT 1/5% CER-2 |
| | 0600 | | | | | | | 100' BBL PUMPED CSNG. LOADED |
| | | | | | | | | 250' FINISH CMT. - TURN PLUG LOOSE - WASH UP PARAP + LINE. |
| | | | | | | | | START Displ. |
| | | | | | | | | 600' 11 BBL TO LOAD CSNG. |
| | | | | | | | | 2100' FINISH Displ. - PLUG DOWN. |
| | | | | | | | | RELEASE - PLUG HOLDING |
| | | | | | | | | WASH UP + RACK UP |
| | | | | | | | | JOB COMPLETE |

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JUL 19 1990

CONSERVATION
Oklahoma, Kansas

CUSTOMER

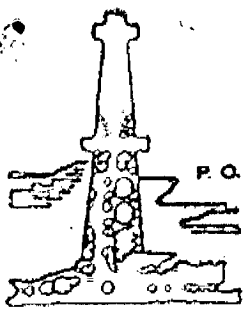
JOB LOG

WELL NO. 2 LEASE Shields TICKET NO. 853466
 CUSTOMER TXO Production Coop PAGE NO. 1
 JOB TYPE Cont 4 1/2" Prod Cong DATE 6/21/90

FORM 2013 R 2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| CST | 2030 | | | | | | | On hoc, hogging well |
| | 2130 | | | | | | | Finish hogging. Start in hole with Drill Pipe |
| | 2210 | | | | | | | Drill Pipe on bottom. Circ |
| | 2230 | | | | | | | Start out with Drill Pipe |
| | 2320 | | | | | | | Fin hogging down. Rig up to run 4 1/2" |
| | 2335 | | | | | | | St Cong in hole, Slip Joint G&S, Insert Auto/Fill a 1st collar, Centralizer on Top of Shoe Jt, 2 col + 4 1/2 collar, Cont B&B on 3rd + 4 1/2 Jt |
| | 0015 | | | | | | | Drop Ball - 2 Jt's at bottom |
| | 0020 | | | | | | | Cong on bottom - Rig up - Head to Mud Pump |
| | 0030 | | | | | | | Break Circ - |
| | 0033 | | | | | | | 400 Ball thru - Circ |
| | 0036 | | | | | | | Fin Circ - Hook to Truck |
| | 0038 | 4 | | | | | | 125 St 50 st's H&G, 50 st's Std |
| | 0046 | — | 2π | | | | | Fin Cont - Shut Down |
| | | | | | | | | Work out Pump + lines - |
| | | | | | | | | Release Top Plug |
| | 0048 | 5 | | | | | | 1 St Disol |
| | | " | 7 | | | | | 200 Press Rate |
| | 0052 | — | 18 | | | | | 200 Plug Down - Holding |
| | 0055 | | | | | | | 1 Release Press insert Holding |

~~Job~~ Complete
 "Thank You"
 Scott, Harold & Kent



CEMENTERS, INCORPORATED

P. O. BOX 1507 • SCOTTSSBLUFF, NE 68363-1507 • (308) 632-0855

Our Invoice

No 13061

| | | | |
|---|-----------------------------|----------------------------|--------------------------|
| Date 6-18-90 | Well Owner TXD | Well No. #1 | Lease TRACHSE 1 |
| County SHERMAN | State KANSAS | Field | |
| Charge To S.W. Operating Excell Drilling Company | Charge Code | | |
| Address | | | For Office Use Only |
| City, State | | | RELEASED |
| Pump Truck No. 1202 | Code | Bulk Truck No. 1206 | Code |
| Type of Job | Depth | Ft. | to AUG 21 1991 |
| Surface 7" | Bottom of Surface | Ft. | FROM CONFIDENTIAL |
| Plug | Plug Landed @ | Ft. | Time On |
| Production- | Pipe Landed @ 367.26 | Ft. | Time Off |

| Reference No. | Description | Qty. | Meas. | Unit Price | Amount |
|---------------|------------------------|--------------|-------|------------|--------|
| | Pump Truck Charge | | | | |
| | Cement Neat | 1755x | | | |
| | Poz. Mix | | | | |
| | Calcium Chloride | 2% | | | |
| | Gol ✓ % Flo-Seal % | | | | |
| | Handling Charge | | | | |
| | Hauling Charge | | | | |
| | Additional Pump Charge | | | | |
| | Mileage P.T. | | | | |
| | B.T. | | | | |
| | Plug | | | | |

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 STATE CORPORATION COMMISSION
JUL 19 1990
 CONSERVATION DIVISION
 Wichita, Kansas

Thank You

| | | |
|------------------------------|--------------------|-----------|
| Remarks: Good Returns | Tax Reference Code | Sub Total |
| | State % Tax | |
| | Disc Total | |

| Truck No. | Code | State Mileage | Nebraska | Colorado | Wyoming | Other | Total Mileage |
|-------------|------|---------------|----------|----------|---------|-------|---------------|
| 1202 | | Pump Truck | | | | | |
| 1206 | | Bulk Truck | | | | | |

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By GARY E DENNIS Received by [Signature] Customer or His Agent