

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

Operator: License # 5171
Name TXO Production Corp.
Address 155 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

Purchaser NIPSCO

Operator Contact Person Doug Clark
Phone 316 260-7600

Contractor: License # 6033
Name Murfin Drilling Contractors

Wellsite Geologist Mark S. Degner
Phone 316 269-7600

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

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-11-86 6-19-86 7-10-86
Spud Date Date Reached TD Completion Date
4910' 4892'
Total Depth PBTD
8-5/8" @ 260'
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated N/A
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

097-21,217-0000

API NO. 15-
County Kiowa
N/2 NE/4 Sec. 32 Twp. 29S Rge. 18 East
X West

4620 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

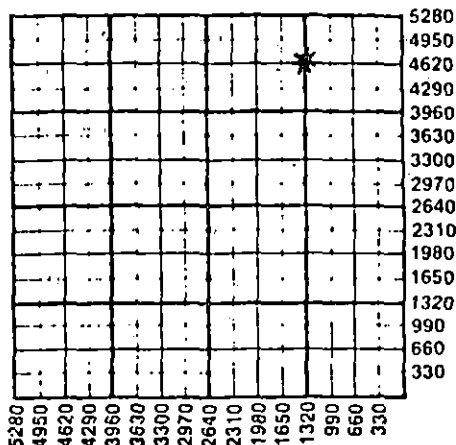
Lease Name NICHOLS "G" Well # 2

Field Name Nichols

Producing Formation Marmaton

Elevation: Ground 2242 KB 2247

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

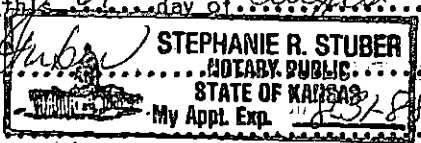
Source of Water:
Division of Water Resources Permit #
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Doug Clark
Title District Geologist Date 8-11-86

Subscribed and sworn to before me this 11 day of August 1986
Notary Public Stephanie R. Stuber
Date Commission Expires 8-31-88



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

REC 8-20-86
AUG 20 1986

Sec 32 Twp 29S Rge 18W

Operator Name TXO Production Corp. Lease Name..... Nichols "G" Well #... 2

Sec.... 32 Twp... 29S Rge... 18 East West County..... Kiowa

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Emporia	3575	-1324
Heebner	4140	-1889
Brown Lime	4320	-2069
LKC	4336	-2085
Drum	4507	-2256
Dennis	4602	-2351
BKC	4741	-2490
Marmaton	4754	-2503
Pawnee	4833	-2582
RTD	4860	
LTD	4861	

DST #1, 4343-4355' (LKC "A"):
 IFP/30"=23-23 psig, strong blow, no GTS.
 ISIP/60"=485 psig.
 FFP/45"=35-35 psig, strong blow, no GTS.
 FSIP/90"=835 psig.
 Rec: 30' SGCM.

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	12-1/4"	8-5/8"	24#	260'	Lite	100	
Production	7-7/8"	4-1/2"	10.5%	4905'	Class A Surfill	75	2% gel, 3% CaCl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4 ISPF (20 holes)	4797-4802' (Marmaton)			Treated well w/500 gals 15% HCl w/NE FE agent & clay stabilizer		4797-4802'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
8-6-86		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
33.4 BO		330 MCFD	0 BW				
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease

Open Hole Perforation
 Other (Specify)
 Dually Completed Commingled

4797-4802'
 (Marmaton)

BJ-TITAN SERVICES COMPANY

ORIGINAL

INVOICE DATE

01/01/77

DIRECT BILLING INQUIRIES TO: 713-205-5122	TERMS: NET AMOUNT DUE PAY BY DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 27414 HOUSTON, TX - 77224
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PAGE	INVOICE NO.
	112230

AUTHORIZED BY

PURCH. ORDER REF. NO.

TXO PRODUCTION CORPORATION
 PURAL RT. 1 BOX 1252
 MEDICINE LODGE TX
 67104

KANSAS *011*

CHARGE TO: *Nichols G #2*

AFÉ - PROP *861923*

USED FOR: *233 Cementing 4 1/2*

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
NICHOLS 26	KS	BARREN		MEDICINE LODGE	67104
JOB LOCATION/FIELD	MTA DISTRICT	DRUG	DATE OF JOB & W	TYPE OF SERVICE	
			<i>06/19/86</i>	<i>W/O</i>	<i>LAND-LONG STRING/PRODUCT</i>

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100320	1.00	CEMENTING CASING 3000 TO 5000 FT.	362.00	EA	362.00
10100325	19.00	PLUS FOR 10" FT. BELOW 3000 FT.	9.00	EA	171.00
10109005	40.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.50	HR	60.00
10430508	1.00	4-1/2" TOP RUBBER PLUG	23.50	EA	23.50
10410504	150.00	CLASS A	5.00	CF	750.00
10415049	1.41	A-2-P	23.00		32.43
10420145	1.41	A4-TREAD SRI, BENTONITE, BULK SALES	6.75	CF	9.52
10420020	8.46	A-10 GYPSEAL	13.50	CF	114.21
10420048	300.00	KCL	1.20	CF	360.00
10940115	304.00	HAULING BULK CEMENT	0.70	CF	212.80
10880095	150.00	HANDLING AND DUMPING CHRG FOR CUSTO	0.90	CF	135.00
10433013	1.00	INSERT FLYEILL VALVE MODEL C A-1/2	144.00	EA	144.00
10433036	1.00	CEMENT GUIDE SHOE 4-1/2"	93.80	EA	93.80
10433050	6.00	MODEL B CASING CONTROL 4-1/2"	42.30	EA	253.80
SUBTOTAL					2220.80
TO DALLAS					DISCOUNT
					133.61

ACCOUNT	JUL 3 1986			
3.0000% STATE TAX	695.40	20.84		
2.0000% COUNTY TAX	494.40	6.97		
RECEIVED				
JUN 27 1986				
M.L. OFFICE				
TAX EXEMPTION STATUS:				1174.57

SB-3020 (11/85)

07									
1307	11423333			861923					1163467
									1163467

CO. CD.	VOUCHER			VENDOR NUMBER	INVOICE NUMBER	INVOICE DATE			DUE/PAID DATE			CHECK NO. (IF PAID)	INVOICE AMOUNT
	NO.	SUB NO.	MO.			MO.	DAY	YR.	MO.	DAY	YR.		
					2832102	06	19	86	07	19	86		1163467

REC. I.D. 0,0,1 CODED BY *7/2 K* APPROVED BY

AUG 20 1986

BJ-TITAN SERVICES COMPANY

ORIGINAL

INVOICE DATE

06/12/86

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 200416 HOUSTON, TX - 77216
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PAGE 1	INVOICE NO. 283258
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AUTHORIZED BY

TXO PRODUCTION CORPORATION
RURAL RT. 1 BOX 125B
MEDICINE LODGE KS
67104

TO DALLAS
JUN 27 1986

PURCH. ORDER REF. NO.

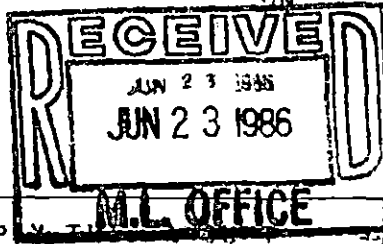
009030270

LEASE NAME AND NUMBER NICHOLS 6-2	STATE KS	COUNTY/PARISH BARBER	CITY	DISTRICT NAME MEDICINE LOD	DISTR. NO. 33105
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 06/12/86	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100303	1.00	CEMENTING CASING 0 TO 300 FT.	370.00	00	370.00
10109005	40.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.50	HR	60.00
10430539	1.00	8 5/8" SURFACE PLUG	12.50	EA	12.50
10410504	75.00	CLASS A	5.00	CF	375.00
10415005	100.00	LITE	4.30	CF	430.00
10415049	4.75	A-7-P	23.00		109.25
10420145	1.41	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CF	9.52
10940115	328.00	HAULING BULK CEMENT	0.68	00	223.04
10433053	1.00	MODEL M CASING CENT 8-5/8"	58.50	EA	58.50
10880095	175.00	HANDLING AND DUMPING CHRG FOR CUSTO KANSAS	0.92	00	161.00
SUBTOTAL					1808.81
DISCOUNT					821.55

CHARGE TO: <i>Nichols G #2</i>	AFE - PROP <i>861923</i>
USED FOR: <i>233 Cementing casing</i>	

ACCOUNT	3.00000% DRLG COMP L&W W/O STAFFER TAX OTHER	ON	478.10	14.33
	1.00000% COUNTY TAX	ON	478.10	4.75



TAX EXEMPTION STATUS: P.M. 1006.34

SB-3020 (11/85)

07	114-233-23	861923	100634
1307	114-233-23	861923	100634

CO. CD.	VOUCHER			VENDOR NUMBER	INVOICE NUMBER	INVOICE DATE			DUE/PAID DATE			CHECK NO. (IF PAID)	INVOICE AMOUNT
	NO.	SUB NO.	MO.			MO.	DAY	YR.	MO.	DAY	YR.		
					283258	06	12	86	07	11	86		100634

REC. I.D. 0,0,1 CODED BY *17 6/24* APPROVED BY _____ AUG 20 1986