

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
Wichita, KS 67202
City/State/Zip

Purchaser Permian

Operator Contact Person Cory West
Phone 316-269-7655

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Bill Miller
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 **OWO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-2-87 8-12-87 8-23-87
Spud Date Date Reached TD Completion Date
5300' 5270'
Total Depth PBD 8-5/8" @ 725'
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
from....feet depth to....w/....SX cmt
Cement Company Name
Invoice #

API NO. 15-199-20,106-00-00
County Wallace
SW SE SE 36 14S 43 East
..... Sec..... Twp..... Rge..... x West

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

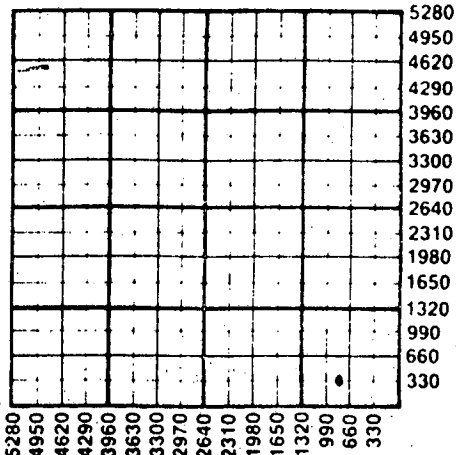
Lease Name Purvis Farms Well # 1

Field Name Ladder Creek III ARAPAHOOKAN

Producing Formation Pennsylvanian

Elevation: Ground 3906' KB 3914'

Section Plat



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AUG 31 1987
PRODUCTION

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: Hauled.
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 11/9/87

Subscribed and sworn to before me this 9th day of November 1987.
Notary Public Nancy K. Lay
Date Commission Expires January 30, 1988

NANCY K. LAY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1/30/88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers' Timelog Received
Distribution
KCC SWD/Rep NGPA
STATE CORPORATION COMMISSION Plug Other
11-10-87
(Specify)
NOV 10 1987

Operator Name TXO Production Corp. Lease Name Purvis Farms Well # 1

Sec. 36 Twp. 14S Rge. 43 East West County Wallace

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
Cherokee SH	4782	-868
Atoka	4892	-978
Morrow SH	5051	-1137
Stockholm SS	5146	-1232
Morrow LS	5172	-1258
Mississippi	5198	-1279

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
Surface	12 1/4"	8-5/8"	23 1/2	725	Common Lite	150 150	2% cc 3% cc 6% ge
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
n/a	5148-58'			250 gals 7-1/2% HCl			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
8-25-87		2-7/8"	5166'				
Date of First Production		Producing Method					
8-25-87		<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	
115 Bbls			MCF	2.5 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease

Open Hole Perforation Other (Specify)

Dually Completed Commingled

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NOV 20 1987

CONSERVATION DIVISION
 Wichita, Kansas



TXO Production Corp.
155 N. MARKET, SUITE 1000
WICHITA, KANSAS 67202

15-199-20106-00-06

December 2, 1987

State Corporation Commission
200 Colorado Derby Building
202 West 1st Street
Wichita, Kansas 67202-1286

Attn: Kathleen Carlisle

RE: Alternate 2 completion information for the Purvis Farms #1 & #2 and
Hibbert "A" #3 and "B" #1

Gentlemen:

Following is the Alternate 2 completion information required on ACO-1's as you
requested concerning the referenced wells:

X Purvis Farms #1 - Yes (Multiple Stage Collar Used) depth - 1928'
cement circulated from 1928' to surface csg w/ 350 sxs
Cement company BJ Titan Invoice No. XM079

Purvis Farms #2 - Yes (Multiple Stage Collar Used) depth - 2004'
cement circulated from 2004' to surface csg w/ 300 sxs
Cement company BJ Titan Invoice No. XE046

Hibbert "A" #3 - Yes (Multiple Stage Collar Used) depth 1940'
cement circulated from 1940' to surface csg w/ 400 sxs
Cement company BJ Titan Invoice No. XT019

Hibbert "B" #1 - Yes (Multiple Stage Collar Used) depth - 1944'
cement circulated from 1944' to surface csg w/ 400 sxs
Cement company BJ Titan Invoice No. XM078

Should you need additional information, please let me know.

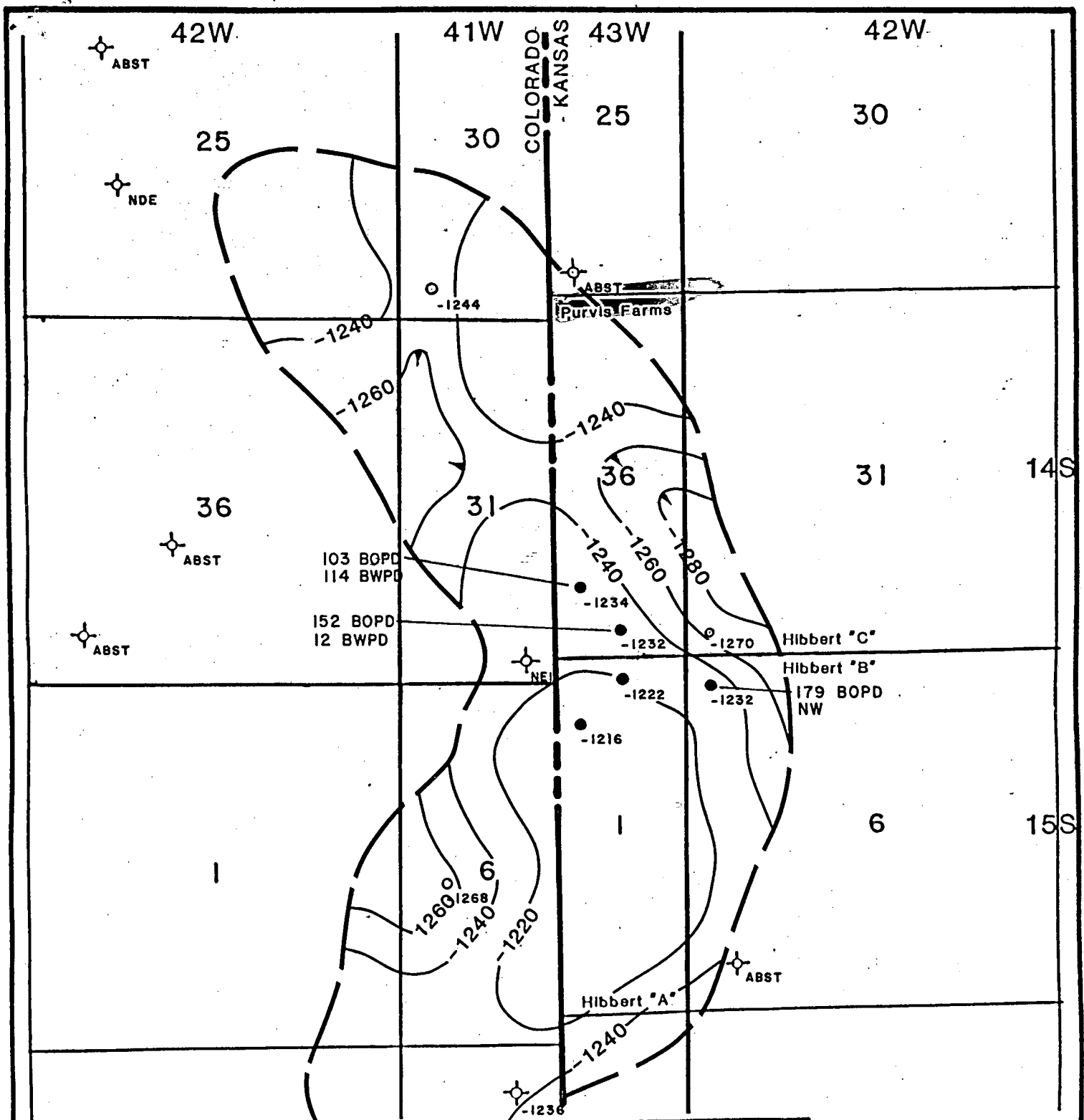
Sincerely,

TXO PRODUCTION CORP.

Nancy K. Lay
Nancy K. Lay
Geology Secretary

/nk1

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STATE CORPORATION COMMISSION
DEC 3 1987
CONSERVATION DIVISION
Wichita, Kansas



TXO PRODUCTION CORP.
 KANSAS DISTRICT
 WICHITA, KANSAS

**STOCKHOLM NORTH
 EXHIBIT C**

MAP STRUCTURE _____ DATUM MORROW 'B' SANDSTONE
 CONTOUR INTERVAL 20'
 GEOLOGIST BILL MILLER DATE 10-87

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STATE CORPORATION COMMISSION

NOV 20 1987

CONSERVATION DIVISION
Wichita, Kansas

NP 118719

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

15-199-20106-0000

Date 8-3-87 District Oakley Ticket No. 281762
 Company TXO Rig Mudlin #23
 Lease Davis Farms Well No. 1
 County Wallace State KS
 Location State Line SW-SS-1E-KN Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8 Type _____ Weight 24 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Holes: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 LEAD: Pump Time _____ hrs. Type Lite
33 CC Excess _____
 Amt. 150 Sks Yield _____ ft³/sk Density _____ PPG _____
 TAIL: Pump Time _____ hrs. Type Common
33 CC 236 gal Excess _____
 Amt. 150 Sks Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbls.
 Pump Trucks Used CT-37
 Bulk Equip. B-14 + T-38
 Float Equip: Manufacturer Baker
 Shoe: Type _____ Depth _____
 Float: Type Baker AutoFill Depth _____
236 gals Quantity 2 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbbls. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
3:40						on location & SET UP
4:00 5:15 pm						Mix 150sks Common 33 CC 236 gal Displace plug to Insect Mix 150sks BT Lite 33 CC Down Annulus open hole
6:00						Insect did Hold Cement did not Circulate 43 1/2 Bbbls Displacement

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

Form No. SR 0502 (Rev. 7/85)
 Note: Must accompany job ticket.

RELEASED
 DEC 12 1988
 FROM CONFIDENTIAL

Copy

DATE OF JOB
MM DD YY
8 13 87

5-199-20106-0000
CONTRACT NO. 281771

DIRECT CORRESPONDENCE TO:
P.O. BOX 4442
HOUSTON, TX 77210

TERMS:
NET 30 DAYS FROM
DATE OF CONTRACT

REMI TO:
P.O. BOX 200416
HOUSTON, TX 77216

ORDER NO.

CUSTOMER

NAME: TXO NO: 09030270

ADDRESS:

CITY: STATE: ZIP CODE:

AUTHORIZED BY: *Gerald Vecch*

DESCRIPTION OF WELL

WELL NO: A1 OIL GAS: NEW OLD: STATE: KS CODES: 15

LEASE NAME: *Purvis Farms* COUNTY/PARISH: *Wallace* CITY: 109

FIELD NAME:

OWNER: *Murkin #23* MTA DISTRICT:

LEASE LINES:

SURVEY LINES: *Rory & Ron*

SURVEY:

DIRECTIONS TO LOCATION: *State Line SW-55-1E*

SECTION, TOWNSHIP, RANGE: *36-145-43W*

QUADRANT:

JOB INFORMATION

ARRIVED: 5:00 P 8 13 87 RELEASED: 11:45 P 8 13 87

JOB CODE: 0106 TYPE OF JOB: *Long Strings* API OR IC NO.:

AVG. PSI: BUSINESS CODE: INC. RATE (BPM): WORKING WELL DEPTH: 5300 FT.

DIST. NO: 3320 DISTRICT NAME: *Oakley KS* SLSMAN NO:

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: *Suzanne Veatch* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10.10.0.330	Price To 5000 ft	ea	1	1075 00	1075 00
02 10.10.0.335	Below 5000 ft To 5300	Per 100 ft	300	12 00	36 00
03 10.10.90.05	PTM (72) Oakley	RT	144	1 10	158 40
04 10.4.305.08	4 1/2 Rubber Plys	ea	1	40 00	40 00
05 10.4.105.04	Common	sk	150	6 00	900 00
06 10.4.220.05	Celloflake	lb	38	1 27	48 26
07 10.4.240.05	CD-31	lb	106	3 87	410 22
08 10.4.245.20	FP-6 Detramer	lb	21	2 20	46 20
09 10.8.8.0.0.8.5	Handing + Dumping	sk	150	95	142 50
10 10.9.4.0.1.0.1	Per Ton Mile 7.1 Tons	TM	511.2	70	357 84
11 10.4.280.48	KCL	wt	2.80	20 00	56 00
12 10.4.330.13	4 1/2 Inset Basket	ea	1	144 90	144 90
13 10.4.330.44	4 1/2 Basket "	ea	1	108 00	108 00
14 10.4.330.50	Centralizers " NOV 10	ea	6	42 30	253 80
15 10.4.330.94	4 1/2 Port Collar (Arrone)	ea	1	1100 00	1100 00
16					4897 12

SERVICE REPRESENTATIVE: *Wm Fitzgerald* PR. BOOK: 7

The above material and service ordered by the Customer and received by: *Suzanne Veatch* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

RELEASED

DEC 12 1988

FROM CONFIDENTIAL

BJ-TITAN SERVICES COMPANY

ORIGINAL

15-199-20106-00-00
CONTRACT CONTINUATION

CONTRACT NO. 281771

DATE OF JOB: MM DD YY *8/13/87* DISTRICT: *Oakley* DIST. NO. *3320* AUTHORIZED BY: *Gerald Veech*
 CUSTOMER: *TXO*

PRICE BOOK	PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	PRICE EXTENSION
						4897 12
				<i>Desc</i>		1102 12
		<i>Bid Price</i>				3775 00

SERVICE REPRESENTATIVE: *Wm Fitzgerald* PR. BOOK: *7*
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Gerald Veech*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

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15-199-20106-00-00

CEMENT DATA:

Spacer Type: P1 C2
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type _____
 Amt. 13.0 Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 11.5
 Bulk Equip. 1.4

Float Equip: Manufacturer _____
 Shoe: Type S-101 Depth 3.79
 Float: Type Shot Collar Depth 1967
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

Date 7/12/77 District Dallas Ticket No. 11771
 Company _____ Rig 337
 Lease _____ Well No. _____
 County Dallas State TX
 Location Starline SW-5-1E Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.167 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER _____

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
						O. location start up
						Start Shot Equipment
7:30						10.5 - 4.0 Bbls RLL - 11.5 Cement
11:20 am						11.5 Bbls plus to 1.500
11:45 am						11.5 Bbls

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

RELEASED
 DEC 12 1988
 FROM CONFIDENTIAL

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
8 3 87

15-199-20106-00-00
CONTRACT NO. 281762

DIRECT CORRESPONDENCE TO: P.O. BOX 4442 HOUSTON, TX 77210
TERMS: NET 30 DAYS FROM DATE OF CONTRACT
REMIT TO: P.O. BOX 200416 HOUSTON, TX 77216

ORDER NO.

CUSTOMER
NAME: TXO
ADDRESS:
CITY: STATE: ZIP CODE:
AUTHORIZED BY: Bill Keiter

DESCRIPTION OF WELL
WELL NO. #1
OIL / GAS: NEW / OLD
STATE: KS
COUNTY/PARISH: Wallace
FIELD NAME: Durvis Farms
CITY:
OWNER: Marlin #24
LEASE LINES:
SURVEY LINES: Ben-Lucy + Lee
SURVEY:
DIRECTIONS TO LOCATION: State Line 34-55-1/2 E - 1/2 N
SECTION, TOWNSHIP, RANGE: 36-145-43 W
QUADRANT:

JOB INFORMATION
ARRIVED: 8:00 AM 8 3 87
RELEASED: 6:00 AM 8 3 87
JOB CODE: TYPE OF JOB: Surface
API OR IC NO.:
AVG. PSI: BUSINESS CODE: INJ. RATE (BPM): WORKING WELL DEPTH: 725 FT.

DIST. NO.: 3320
DISTRICT NAME: Oakley KS
SLSMAN NO.:

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: [Signature] (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01	Price of Job to 300 ft	ea	1	375 00	375 00
02	Below 300ft to 725 ft	ea	425	42	178 50
03	PTM (72) Oakley	ea	144	1 10	158 40
04	8 3/8 Rubber Plug	ea	1	62 00	62 00
05	Common	sk	150	6 00	900 00
06	BS Lite	sk	150	5 56	834 00
07	Gel	cwt	2.82	6 75	19 04
08	CaCl (819 lbs)	sk	10.24	25 75	263 68
09	Handling & Dumping	sk	300	95	285 00
10	Per Ton Mile 14.2 Tons	TM	1022.4	70	715 68
11	8 3/8 Baskets	ea	7	171 00	342 00
12	8 3/8 Centralizers	ea	2	58 80	NC
13	8 3/8 Insert	ea	1	221 40	221 40
14					4354 70
15					
16	Bid Price				3500 00

SERVICE REPRESENTATIVE: W. Fitzgerald
PR. BOOK: 7
The above material and service ordered by the Customer and received by: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION USED: THIS IS NOT AN INVOICE. THIS CONTRACT IS SUBJECT TO REVIEW AND CORRECTION BY OUR ACCOUNTING DEPT. SB3014 (Rev. 4/85)

RELEASED
DEC 12 1988
FROM CONFIDENTIAL