

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

API NO. 15-199-20.112-00-00
County Wallace
Irregular Section
Approx. N/2..N/2..SW Sec. 36. Twp. 14S. Rge. 43. X West

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

990' Ft North from Southeast Corner of Section
1470' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Permian

Lease Name PURVIS FARMS Well # 2

Operator Contact Person Mr. Bill Miller
Phone 316-269-7600

Field Name Ladder Creek III ARAPAHOEKAN

Producing Formation Pennsylvanian

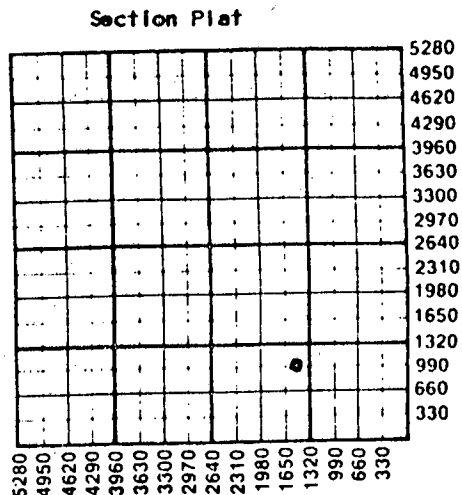
Contractor: License # 6033
Name Murfin Drilling Co.

Elevation: Ground 3911' KB 3916

Wellsite Geologist Bill Miller
Phone 316-269-7600

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

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



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable
9-12-87 9-20-87 9-27-87
Spud Date Date Reached TD Completion Date
5300' 5282'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 8-5/8" 687'
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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
X Other (explain) purchased from West White by (purchased from city, R.W.D. #) Murfin Drilling from an irrigation well in Colo.

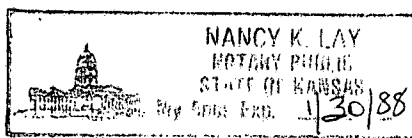
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 10/13/87

Subscribed and sworn to before me this 13th day of October 1987
Notary Public Nancy K. Lay
Date Commission Expires January 30, 1988

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)



11-10-87 Form ACO-1 (5-86)
RCMP

Sec 36 Twp 14 Rge 43

Operator Name TXO Production Corp. Lease Name PURVIS FARMS Well # 2

Sec. 36 Twp. 14S Rge. 43W 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 [X] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
No DST's taken.

Formation Description [X] Log [] Sample

Table with 3 columns: Name, Top, Bottom. Rows: Stockholm SS (5150, -1234), Morrow LS (5183, -1267), Mississippi (5214, -1298)

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DEC 12 1988

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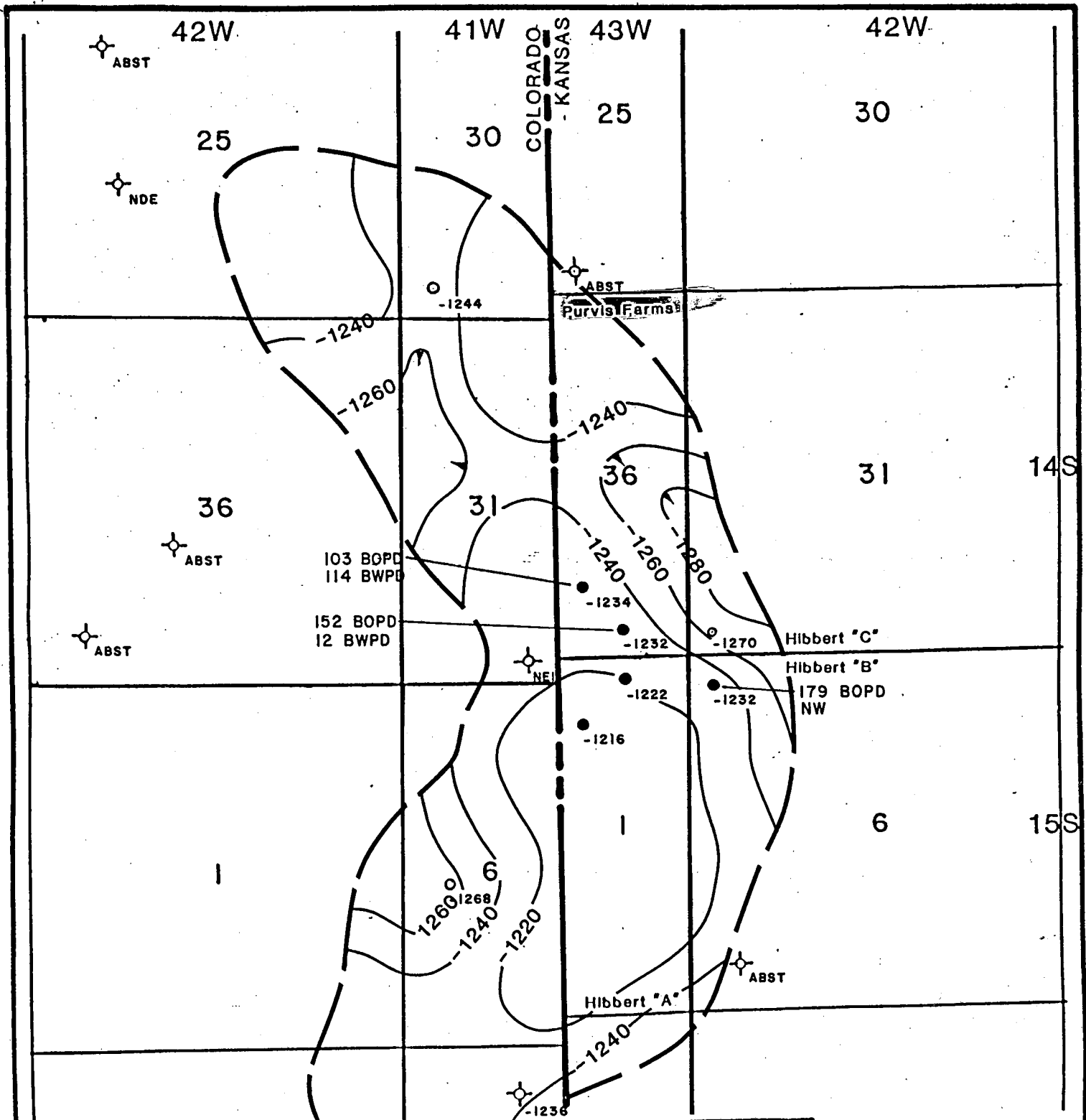
CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Estimated Production, METHOD OF COMPLETION

Disposition of gas: [] Vented [] Sold [] Used on Lease

[] Open Hole [X] Perforation [] Other (Specify)

[] Dually Completed [] Commingled

..5151-60'..(Morrow)



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

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 20 1987
 CONSERVATION DIVISION
 Wichita, Kansas



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

15-199-20112-00-00

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:

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

X 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

/nkl

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STATE CORPORATION COMMISSION
DEC 3 1987
CONSERVATION DIVISION
Wichita, Kansas

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
9 11 87

15-19920112-00-00

CONTRACT NO. 281745

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: *Donald A. Venter*

DESCRIPTION OF WELL

WELL NO. 2 OIL/GAS NEW/OLD STATE KS CODES
 LEASE NAME: Pioneer Farms COUNTY/PARISH: Wallace
 FIELD NAME: Mustang Dale #20 CITY:
 OWNER: TXO MTA DISTRICT:
 LEASE LINES: *Don Dup Harry*
 SURVEY LINES: *Help Barry, Barry, Dave*
 SURVEY: *Pioneer field CT-37*
 DIRECTIONS TO LOCATION: *W. on 140 - 165 - 1w*
 SECTION, TOWNSHIP, RANGE: *36 - 145 - 43w*
 QUADRANT: *Delaware rd from Oakley, KS (B-14 + T-38)*

JOB INFORMATION

ARRIVED: 8:30 P 9 11 87
 RELEASED: 5:00 P 9 12 87
 JOB CODE: TYPE OF JOB: *Surface* API OR IC NO.:
 AVG. PSI: 200 BUSINESS CODE: INJ. RATE (BPM): WORKING WELL DEPTH: 687 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: *Donald A. Venter* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10100305	Pumping charge			375.00	375.00
02 10100310	Pump per ft over 300'	Pff	387	42	162.54
03 10109005	Pump tub mileage <i>Oakley</i>	RT	144	1.10	158.40
04 10410504	Common	sk	150	6.00	900.00
05 10415005	Lightweight	sk	150	5.56	834.00
06 10415048	Ca. ce	sk	10.2	25.75	263.68
07 10420145	Steel	cut	282	6.75	1904
08 10431036	Plug	ea	1	50.00	50.00
09 10940101	Hauling 14 1/2 x 75	Tm	1022	70	715.68
10 10880085	Handling & dumping	sk	300	95	285.00
11 10433053	Control pipes	ea	2	58.50	117.00
12 10433046	Basket	ea	2	171.00	342.00
13 10433083	Balbed plate	ea	1	56.70	56.70
14	<i>Sub - total</i>				4279.04
15	<i>- 20% discount</i>				855.81
16	<i>Total</i>				3423.23

SERVICE REPRESENTATIVE: *Donald A. Venter* PR. BOOK: 07
 The above material and service ordered by the Customer and received by: *Donald A. Venter* (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

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG 15-199-20112-00-00

STAGE NO.

Date 9-11-87 District 3320 Ticket No. 281745
 Company TXO Rig Mullin 20
 Lease Purnis Farms Well No. 2
 County Wallace State Ks
 Location Wendon 4w-68-1w Field _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type J-55 Weight 23.4 Collar S End

LEAD: Pump Time _____ hrs. Type Common
32.00 25 gal Excess _____
 Amt. 150 Sks Yield 1.34 ft³/sk Density 15.1 PPG _____
 TAIL: Pump Time _____ hrs. Type Lightweight
32.00 Excess _____
 Amt. 150 Sks Yield 1.84 ft³/sk Density 12.7 PPG _____
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top surface Bottom 687'

Pump Trucks Used CT-37
 Bulk Equip. B-14-T-38

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

Float Equip: Manufacturer Baker & Arman
 Shoe: Type _____ Depth _____
 Float: Type Griffed plate Depth _____
 Centralizers: Quantity 2 Plugs Top wood Btm. _____
 Stage Collars _____
 Special Equip. 2 baskets
 Disp. Fluid Type 4.2 Amt. 41.5 Bbls. Weight 8.34 PPG _____
 Mud Type _____ Weight _____ PPG _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Herald Vealich

CEMENTER Harry J.

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min	
8:30						in line + set up tank
12:00pm						run float equip
3:00pm						break up to circulate
3:15						mix 150 sk Common 32.00 25 gal
3:25						displace plug
3:30						plug down
3:40						run 1" pipe
4:00						mix 150 sk lightweight 32.00
4:30						job complete
						Thank you Harry & crew

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU
 Form No. SR 0502 (Rev. 7/85)
 Note: Must accompany job ticket.

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15-199-20112-00-00

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
9 21 87

CONTRACT NO. 281804

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 NO. _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

AUTHORIZED BY: *Gerald Heath*

DESCRIPTION OF WELL

WELL NO. 2 OIL NEW STATE KS
GAS OLD

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

FIELD NAME: _____ CITY: _____

OWNER: *Muffin # 20* MTA DISTRICT: _____

LEASE LINES: _____

SURVEY LINES: *Rory & Lurry*

SURVEY: _____

DIRECTIONS TO LOCATION: *Waskum 4W-55-3/4W-N in*

SECTION, TOWNSHIP, RANGE: *36-14S-43W*

QUADRANT: _____

JOB INFORMATION

ARRIVED						RELEASED					
HH	MM	A	MM	DD	YY	HH	MM	A	MM	DD	YY
2	00	P	9	21	87	1	45	R	9	21	87
JOB CODE	TYPE OF JOB					API OR IC NO.					
	<i>Long String</i>										
AVG. PSI	BUSINESS CODE	INJ. RATE (BPM)	WORKING WELL DEPTH								
			<i>5299</i>			FT.					

DIST. NO. 3320	DISTRICT NAME <i>Oakley KS</i>	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: *Gerald Heath*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 1.0.10.0.3.30	Price to 5000 ft	ea	1	1075 00	1075 00
02 1.0.10.0.3.35	Below 5000ft to 5299 ft	ar/100	2.99	12 00	35 88
03 1.0.10.9.0.0.5	PTM 76 Oakley	RT	152	1 10	167 20
04 1.0.4.3.0.5.2.0	5 1/2 Plug	ea	1	50 00	50 00
05 1.0.4.1.0.5.0.4	Common	sk	150	6 00	900 00
06 1.0.4.2.4.0.0.5	CD-31	lb	106	3 87	410 22
07 1.0.4.2.2.0.0.5	Celloflake	lb	38	1 27	48 26
08 1.0.4.2.8.0.4.8	KCL	cwt	2.80	20 00	56 00
09 1.0.8.8.0.0.8.5	Dry ice	sk	150	95	142 50
10 1.0.9.4.0.1.0.1	Per Ton Mile 7.1 Tons	TM	5396	70	377 72
11 1.0.4.3.3.0.1.4	5 1/2 Insect Baker	ea	1	162 00	162 00
12 1.0.4.3.3.0.5.1	5 1/2 Centralizer "	ea	6	46 80	280 80
13 1.0.4.3.3.0.4.5	5 1/2 Basket " STATE CO.	ea	1	121 50	121 50
14 1.0.4.3.3.0.9.5	5 1/2 Port Collar Arrow	ea	1	1300 00	1300 00
15					5827 08
16	Bid Price				4101 66

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

The above material and service ordered by the Customer and received by: *Gerald Heath*
(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)

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P.O. BOX 4442 HOUSTON, TX 77210

15-199-20112-00-00

Date: 9-21-87 District: Oakley Ticket No: 281804
 Company: TXO Rig: Martin #20
 Lease: Purvis Farms Well No: 2
 County: Wallace State: KS
 Location: Wellton 4W-5S-74W-8in Field:

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size: 5 1/2 Type: Weight: 14 Collar:

Casing Depths: Top Bottom 5299

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

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0244 Lin. ft./Bbl. 40.9796
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/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 Common
3/4" C.O.-31 1/4" Collar Plug Excess _____
 Amt. 150 Sks Yield _____ ft³/sk Density 16.5 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used GT-37
 Bulk Equip. J-272
 Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type Baker Flexi-Fill Depth _____
 Centralizers: Quantity 6 Plugs Top _____ Bim. _____
Let Collars Arrow @ 1963
 Special Equip. _____
 Disp. Fluid Type H₂O + 2% KCL Amt. 131 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

 CEMENTER [Signature]

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min	
2 am						On location Circulate hole + Run Float Equipment Set up Tank
8:30 am						
9:30 am						
1 pm						Mix 40 Bbls KCL, Followed by Concrete Displace plug to Insert Plug Down Insert P'd Hold
1:45 pm						

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

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

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 DEC 12 1988
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