District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Revised 06/99

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

APPLICATION FOR WELL WORKOVER PROJECT

H-0661 2/13

I. Operator and Well

Operator name & address								OGRID Number
Texaco Exploration & Production Inc 500 N. Loraine Midland, TX 79702								022351
Contact Party Mike Quintana								Phone 505-394-9307
Property Name Fristoe B nct 2					Well Number 18			API Number 30-025-33543
UL J	Section 26	Township 24 S	Range 37 E	Feet From The 1480	North/South Line South	Feet From The 1400	East/West Line East	County Lea

II. Workover

Date Workover Commenced:	Previous Producing Pool(s) (Prior to Workover):
8/2/00	Fowler Ellenburger.
Date Workover Completed: 8/5/00	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of N. M.)
) ss.
County of Lea)

~~Russell Pool~~ Denise Wann, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Denise Wann Title Senior Engineer Hobbs Operating Unit Date 2-6-01

SUBSCRIBED AND SWORN TO before me this 6th day of February, 2001.

John Ayer
Notary Public

My Commission expires: 2-29-04

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 8/5/00.

Signature District Supervisor	OCD District	Date
Paul F Kautz	L	2/15/01

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

MRC

CC Fristoe B2 # 18 Sonic Hammer Procedure

PREPARED: Mike Quintana

CASING: **5-1/2", 20# & 17# L80 &WC70 &WC50 Set at 9900'**

TUBING: **2-7/8" Set at 9573'**

PERFS: **Ellenburger 2JSPF 9533' 9554' 21' 42 holes**

DEPTHS: **TD: 9900'** **PBTD: 9640'** **SN: 9476'** **KB: ??**

STATUS: **Pumping**

Procedure:

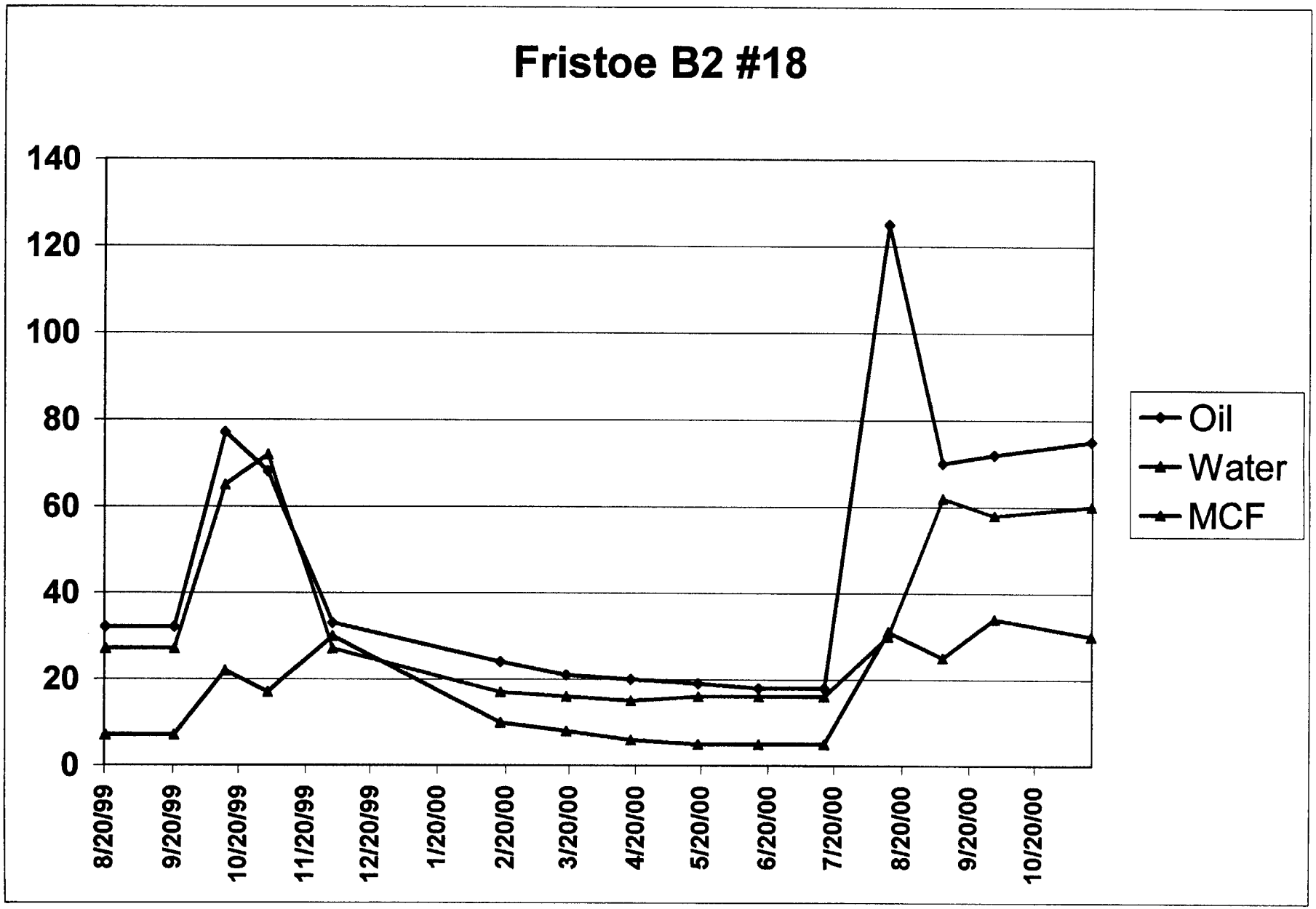
NOTE: Use only 2% KCL water for work-over.
UNICHEM: Test production fluid for emulsion prior to work and provide surfactant recommendation.

1. MIRU. Pull rods and pump. Inspect for wear, buildup of scale, paraffin, iron sulfide, etc...
2. Install BOP. Unseat TA. Tag for fill strap out. **(NOTIFY FMT LEADER OR ENGINNER IF FILL IS FOUND).**
3. **Mix surfactant in W/O water prior to begin job as per Unichem's recommendation.**
4. TIH with Sonic Hammer tool, acidize perfs. From 9533' to 9554' with 2100 gls 15% HCL.
5. Lower tubing to below bottom perf at 9554' Swab hard in to a frac tank for the rest of the day.
6. RIH with 2-7/8" hydro test production string, 5000# above slips. Set SN at +/-9560', TA at +/-9500', and bottom of MA at 9595'. Spot 5 gallons of TH-3036 corrosion inhibitor in tubing prior to running rods and pump.
7. RIH with the following rod and pump design:

Rods:	Diameter(in)	Length(ft)	Number	Grade
	1"	2375	95	EL
	7/8"	2675	107	EL
	¾"	4150	166	EL
	1-1/2"	300	12	K-Bars

Pump:		
	Barrel:	1-1/2", 22', RHBC, Brass Chrome
	Plunger:	6', Spray Metal w/monel pin
	TV:	One-piece monel
	SV:	High Compression monel (not HIVAC)
	Gas Anchor:	14' X1.5"
	Balls/Seats:	Silicone Nitride/Tungsten Carbide

8. Space pump 4" off bottom. POP **168" SL at 6.0 SPM.**


Fristoe B2 #18
140
120
100
80
60
40
20
0
8/20/99
9/20/99
10/20/99
11/20/99
12/20/99
1/20/00
2/20/00
3/20/00
4/20/00
5/20/00
6/20/00
7/20/00
8/20/00
9/20/00
10/20/00
Oil
Water
MCF