

DISTRICT I - (505) 333-0101  
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 06/9

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Cross Timbers Oil Co. 2700 Farmington Avenue, Building K, Suite 1 Farmington, NM 87401							OGRID Number <b>167067</b>	
Contact Party Thomas DeLong							Phone 505-324-1090	
Property Name E.H. PIPKIN					Well Number 29	API Number 30-045-28547		
UL N	Section 35	Township 28N	Range 11W	Feet From The 995'	North/South Line SOUTH	Feet From The 1,635'	East/West Line WEST	County SAN JUAN

II. Workover

Date Workover Commenced: 01/31/00	Previous Producing Pool(s) (Prior to Workover): <b>OPEN ADDITIONAL PAY IN FRUITLAND COAL</b>
Date Workover Completed: 02/04/00	

- 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 New Mexico )  
 ) ss.  
County of San Juan )

Thomas DeLong, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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 [Signature] Title Production Engineer Date 12-18-00  
SUBSCRIBED AND SWORN TO before me this 19th day of December, 2000

[Signature]  
Notary Public

My Commission expires: 6/10/03

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 2/4/00.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>2/17/01</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

# CROSS TIMBERS OPERATING COMPANY

SAN JUAN DISTRICT

WELL RESTORATION

Monday, December 18, 2000

Page 1 of 3

**PIPKIN, EH**

**WELL # 29**

**RESERVOIR: FRUITLAND COAL**

**OBJECTIVE: OAP in FC**

2/1/00

First Report for AFE #99826 to OAP in Upper FC. MIRU Aztec WS rig #471. Attempted to blow well dwn. Well would not die. Killed well w/20 BPW fr/Kutz Fed #12E. ND WH. NU BOP. PU & TIH w/3 jts 2-3/8" tbg. Tgd fill @ 1,920' KB (50' fill; existing PC perfs 1,783'-96'). TOH & LD 3 jts tbg used to tag fill. TOH w/56 jts 2-3/8", 4.5#, J-55 prod tbg (1,802' ttl). RU Black Warrior WL trk. RIH w/gauge ring for 4-1/2", 10.5# csg to 1,920'. Run GR/CCL log fr/1,920' - 1,000'. RD WL trk. TIH w/Weatherford 4-1/2" RBP on 2-3/8" prod tbg. Set RBP @ 1,770'. Loaded well w/22 BW. Tstd csg to 3,000 psig. Held OK. TOH w/tbg. RU Black Warrior WL trk. Perf'd Upper FC w/3-1/8" csg gun, 4 JSPF fr/1,727'-30', 1,687'-89', 1,649'-51', 1,620'-22' & 1,592'-94' (ttl 44 - 0.34" dia holes). RDMO WL trk. TIH w/Weatherford treating pkr & 20 jts 2-3/8" prod tbg. Left pkr swinging @ 658'. SWI. SDFN. 44 BLWTR.

# CROSS TIMBERS OPERATING COMPANY

## SAN JUAN DISTRICT

### WELL RESTORATION

Monday, December 18, 2000

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2/2/00

SITP 0 psig, SICP 0 psig. TIH w/26 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Set pkr @ 1,497' KB. Loaded TCA & press to 500 psig. MIRU Halliburton acidizing services. BD fmt w/6 BW @ 2 BPM & 2,800 psig. Acidized upper FC fr/1,592'-1,730' w/500 gals 15% HCl acid & 75 BS @ 5 BPM & 1,150 psig. Flushed acid w/10 BW @ 1.9 BPM & 849 psig. Good ball action. Balled out. ISIP 658 psig. 5" SIP 254 psig. 10" SIP 179 psig. RD acid services. Rel pkr & TIH w/7 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Knocked off BS. TOH w/2-3/8" tbg & pkr. ND BOP. NU 4-1/2", 8rd, 5000 psig frac vlv. MIRU Halliburton frac services. Frac FC perfs fr/1,592'-1,730' dwn 4-1/2" csg as follows: 6,750 gals 70Q foam pad, 1,995 gals 70Q foam w/1 ppg 40/70 Arizona sd, 6,819 gals 70Q foam pad, 4,192 gals 70Q foam w/1 ppg 20/40 Brady sd, 4,420 gals 70Q foam w/2 ppg 20/40 Brady sd, 4,925 gals 70Q foam w/3 ppg 20/40 Brady sd, 4,273 gals 70Q foam w/4 ppg 20/40 Brady sd & 614 gals 70Q foam flush. AIR (foam, DH) 32.4 BPM. ATP 1,757 psig. Max CP 1,900 psig. ISIP 1,132 psig. 5" SIP 1,073 psig. 10" SIP 1,059 psig. 15" SIP 1,052 psig. Ppd ttl 14,139 gals 12.5# Delta XL gel (w/10 gals/M foamer & 0.75 #/M enzyme breaker), 1,400# 40/70 Arizona sd, 50,000# 20/40 Brady sd w/sandwedge & 339,700 SCF nitrogen. RDMO Haliburton. RU flw back line. SWI for 2' 35". SICP 1,000 psig. Op well thru 1/8" ck w/FCP 970 psig. Ck sanded off after 30". Chg'd to 1/4" ck for 3-1/2 hrs. FCP 700 psig. Chg'd to 1/8" ck. Press dec fr/700 psig to 5 psig in 5 hrs. FCP 3 psig @ 5:00 a.m. 2/2/00. Rec ttl 61 BLW. 373 BLWTR.

# CROSS TIMBERS OPERATING COMPANY

SAN JUAN DISTRICT

WELL RESTORATION

Monday, December 18, 2000

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2/3/00

FCP 3 psig on 1/4" ck. Blw well dwn. ND frac vlv. NU BOP. TIH w/RBP retrieving head & 51 jts 2-3/8" tbg. Tgd sd @ 1,645' KB (125' fill above RBP). RU pmp. Broke circ. CO sd to RBP (1,770' KB). RD pmp. TOH w/tbg & RBP. TIH w/NC, slurry sub, flpr assbly, 2-3/8" sub (2.87'), flpr assbly, 7 jts 2-3/8" tbg, tbg bailer, top flpr assbly, 2 jts 2-3/8" tbg, drain sub & 59 jts 2-3/8" tbg. Tgd sd @ 1,920' KB. CO to PBTD (1,970' KB). Fruitland Coal perms fr/1,592'-1,796'. TOH w/tbg & tools. LD tools. TIH w/13' OPMA, 4' perf sub, SN & 56 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Well std to flw up tbg. Left well op to tnk. SDFN.

2/4/00

FTP 0 psig, SICP 200 psig. RU to swb. BFL 1,564' FS. S. trc wtr in 1 run. Well KO. Flwd 10" & died. No sd rec. RD swb. Landed tbg. EOT @ 1,833' KB. SN @ 1,814' KB. ND BOP. NU WH. TIH w/2" x 1-1/2" x 8' RWBC "zero" pmp, 71 new Norris grade "D" 3/4" rods, 1 - 8', 1 - 6', 1 - 2' x 3/4" pony rods & 16' PR w/1-1/4" liner. Seated pmp. Chk'd pmp action. RDMO Aztec Well Service rig #471. 388 BLWTR.

Well: E H PIPKIN No.: 029

Operator: CROSS TIMBERS OPERATING COMPANY

API: 3004528547

Township: 28N Range: 11W Section: 35 Unit: N Type: F

County: Sa Accumulated Oil: 0(BBLS) Gas: 324628(MCF) Water: 439(BBLS) Days Produced: 2669

Year: 1993

Pool Name: BASIN FRUITLAND COAL (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	5738	0	31	0	5738
February	0	5249	0	28	0	10987
March	0	5050	0	31	0	16037
April	0	5434	0	30	0	21471
May	0	5115	13	31	0	26586
June	0	5027	0	30	0	31613
July	0	5176	0	99	0	36789
August	0	5292	0	31	0	42081
September	0	0	0	0	0	42081
October	0	5129	0	31	0	47210
November	0	5124	4	30	0	52334
December	0	4919	4	31	0	57253

Year: 1994

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	5248	4	31	0	62501
February	0	4579	3	28	0	67080
March	0	4918	12	31	0	71998
April	0	4830	12	30	0	76828
May	0	4923	12	31	0	81751
June	0	4763	12	30	0	86514
July	0	4722	13	31	0	91236
August	0	4846	4	31	0	96082
September	0	4749	4	30	0	100831
October	0	4859	8	31	0	105690
November	0	4804	4	30	0	110494
December	0	4807	4	31	0	115301

Year: 1995

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	4632	4	31	0	119933
February	0	3951	3	28	0	123884
March	0	4347	4	31	0	128231
April	0	4244	4	30	0	132475
May	0	4179	4	31	0	136654
June	0	3948	4	30	0	140602
July	0	4149	4	31	0	144751
August	0	4105	2	31	0	148856
September	0	3827	4	30	0	152683
October	0	4554	3	24	0	157237
November	0	3947	4	30	0	161184

December	0	3962	4	31	0	165146
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Year:1996

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	4017	4	31	0	169163
February	0	4033	3	29	0	173196
March	0	4248	4	31	0	177444
April	0	4043	4	30	0	181487
May	0	3853	2	31	0	185340
June	0	4037	13	30	0	189377
July	0	4144	12	31	0	193521
August	0	3739	11	31	0	197260
September	0	1532	12	30	0	198792
October	0	4523	11	31	0	203315
November	0	3990	12	30	0	207305
December	0	3516	10	31	0	210821

Year:1997

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	3804	13	31	0	214625
February	0	1558	9	28	0	216183
March	0	1907	10	31	0	218090
April	0	1413	10	30	0	219503
May	0	1763	9	31	0	221266
June	0	3322	7	30	0	224588
July	0	3733	0	31	0	228321
August	0	3781	10	31	0	232102
September	0	3503	0	30	0	235605
October	0	2709	0	31	0	238314
November	0	2444	9	30	0	240758
December	0	1806	0	31	0	242564

Year:1998

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	1792	0	31	0	244356
February	0	2258	0	28	0	246614
March	0	2490	0	31	0	249104
April	0	2868	0	30	0	251972
May	0	3686	0	31	0	255658
June	0	3261	0	30	0	258919
July	0	3166	0	31	0	262085
August	0	2573	0	31	0	264658
September	0	1493	0	30	0	266151
October	0	3083	0	31	0	269234
November	0	2638	9	30	0	271872
December	0	2379	5	31	0	274251

Year:1999

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
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January	0	2273	0	31	0	276524
February	0	1879	0	28	0	278403
March	0	1903	0	31	0	280306
April	0	1823	0	30	0	282129
May	0	1909	0	31	0	284038
June	0	1942	0	30	0	285980
July	0	2484	0	31	0	288464
August	0	2540	0	31	0	291004
September	0	2340	2	30	0	293344
October	0	2547	2	31	0	295891
November	0	2195	0	30	0	298086
December	0	3470	10	31	0	301556

Year:2000

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	2244	9	31	0	303800	
February	0	3036	0	28	0	306836	
March	0	4619	0	31	0	311455	
April	0	4670	0	30	0	316125	
May	0	4545	0	31	0	320670	
June	0	3958	70	30	0	324628	