



## Farmington Well Workover Report

UTE MTN TRIBAL H GAS COM

Well # 001	PARADOX
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**Objective:**

OAP &amp; Acidize Paradox

**7/7/01**

First rpt to remove a permanent pkr, OAP & A. the Paradox. MIRU rig. Blew dwn well. Killed well w/60 bbls 2% KCl wtr. ND WH. NU BOP. Loaded TCA w/85 bbls 2% KCl wtr & PT to 500 psig for 15". Held OK. PU 1-1/2" Hydril handling sub & stung out of Baker model "F" parallel flow tub assbly. TOH & LD 245 jts 1-1/2", 2.9#, J-55, CS Hydril tbq, Baker model "L" sliding sleeve, 3 - 4' x 2-1/2" subs w/Camco D nipples & Baker model F parallel snap latch assbly. SWI. SDFN.

**7/10/01**

Blew dwn TCA. Ppd 30 bbls 2% KCl wtr dwn 2-1/16" tbq to kill well. PU 2-1/16" tbq sub. Attempted to pull 2-1/16" for 4 hrs. Could not pull seal assbly fr/Baker FA pkr. MIRU Weatherford WL. RIH w/freepoint loc tool. Tbg free @ 7,563' (pkr @ 7,575 fr/WL measurement). RIH w/chemical cutter & cut tbg @ 7,554'. RDMO WL. TOH & LD 30 jts 2-1/16", 3.4#, J-55, CS hydril tbq. SWI. SDFN.

**7/11/01**

Blew dwn well. Killed well w/30 bbls 2% KCl wtr. TOH & LD 213 jts 2-1/16", 3.4#, J-55. CS Hydril tbq. MI 250 jts 2-7/8", 6.4#, J-55, EUE, 8rd tbq (work string). TIH w/4-1/2" x 2-1/16" OS, bumper sub, hyd jars, accelerator, 6 - 3-1/2" DC's & 231 jts 2-7/8" tbq (tallied in hole). Caught fish @ 7,554'. Worked fish 45" & jarred loose. TOH w/30 jts 2-7/8" tbq. SWI. SDFN.

**7/12/01**

Blew dwn well. Killed well w/30 bbls 2% KCl wtr. TOH w/201 jts 2-7/8" tbq, 6 - DC's, jars & bumper sub. TOH & LD overshot, 10' cut off 2-1/16" jt tbq, parallel flow tube assbly, 18 jts 2-1/16", 3.4#, J-55, EUE, 8rd tbq & Baker model F nipple. TIH w/5-1/2" x 3" bore pkr plucker mill, bumper sub, hydraulic jars, 6 - 3-1/2" DC's & 232 jts 2-7/8" tbq. Tgd fish & stung into pkr @ 7,575'. SWI. SDFN.

**7/14/01**

Blew dwn well. MIRU Lea FT AFU. Established circ. Milled on Baker FA pkr fr/7,575'-77'. Jarred pkr loose. TOH w/233 jts 2-7/8" tbq & DC's. TOH & LD jars, packer plucker & Baker FA pkr. TIH w/4-3/4" blade bit, 5-1/2" csg scraper & 150 jts 2-7/8" tbq. SWI. SDFN.

**7/17/01**

H2S 25,000 ppm. Blew dwn well. Killed well w/40 bbls 2% KCl WTR. Fin TIH. Tgd @ 8,174' (181' fill). RU Lea fishing tools AFU. CO to 8,258'. Lost returns. TOH & LD BHA. RD AFU. SWI. SDFN.

**7/18/01**

MIRU WL trk. Ran GR/CCL fr/8,087' (tgd bridge) to 7,000'. Perf'd addl Paradox intervals w/4" HSC csg gun (0.44", 23 gm, 240 holes) @ 2 JSPF as follows: 7,884'-96', 7,846'-52', 7,824'-32', 7,794'-98', 7,740'-75', 7,716'-24', 7,694--7,704', 7,454'-69', 7,430'-46' & 7,410'-16'. Pushed bridge to 8,190' on 4th gun run. RDMO WL trk. SWI. SDFN.

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**7/19/01**

TIH w/Bobcat RBP, compr fullbore pkr & 2-7/8" tbg. Set RBP @ 8,146' & pkr @ 7,581'. RU BJ acid trks. A. Paradox perfs fr/7,604'-8,111' w/296 bbls 20% HCl acid w/250 1.3 SG, 7/8" BS. ATP 1,500 psig. Max TP 1,900 psig. AIR 7.2 BPM. Max IR 9.7 BPM. ISIP 425 psig. 2" SIP 0 psig. Good ball action. No ball out. Rel pkr & ret RBP. PUH to 7,490'. Could not get ret head to disengage. Could not rel RBP to TOH. Worked tbg. Rel RBP by pulling 40K over string wt. TOH w/pkr & RBP. Found BS in by-pass vlv & ret head. SWI. SDFN.

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**7/20/01**

TIH w/RBP, pkr & 2-7/8" tbg. RBP hung in collar & broke fishing neck @ 135' FS. TOH w/tbg & pkr. TIH w/OS (3-3/4" x 2" grapple) & 2-7/8" tbg. Engaged fish & rel RBP. TOH w/fish. TIH w/new Bobcat RBP, pkr & 2-7/8" tbg. Set RBP @ 7,490' & pkr @ 7,386'. RU BJ acid trks. A. Paradox perfs fr/7,410'-69' w/259 bbls 20% HCl acid & 111 1.3 SG, 7/8" BS. Press to 2,400 psig & perfs would not BD. Loaded TCA w/83 bbls 2% KCl wtr. BD perfs @ 3,920 psig. Max TP 4,540'. ATP 3,600 psig. Max IR 6.7 BPM. AIR 6.7 BPM. ISIP 3,300 psig. 5" SIP 3,185 psig. RD acid trks. 1 hr SIP 3,000 psig Rec acid gas & mist. SWI. SDFN.

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**7/21/01**

Ppd 50 bbls 2% KCl wtr to kill well. Rel pkr & ret RBP. TOH and LD BHA. Well kicked up csg. Ppd 100 bbls 2% KCl wtr dwn csg to kill well. Max press 1,000 psig. TIH w/3-1/2" DC's. TOH & LD DC's. PU 2-7/8" NC, SN & std TIH. SWI. SDFN.

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**7/22/01**

Killed well w/20 bbls 2% KCl wtr dwn tbg & 20 bbls dwn csg. Fin TIH w/2-7/8" tbg. EOT 8,155.28'. SN 8,103.58'. Broached tbg. BFL 6,095' FS. S. 24 BLW, 4 runs. Well KO flwg.

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**7/24/01**

RDMO rig.

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**7/25/01**

Blew well for 30". Made 1 bbl wtr. RWTP.

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**7/26/01**

Built WH manifold. RWTP @ 2:00 p.m., 7/25/01 to Western Gas Resources.

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Well: UTE MOUNTAIN TRIBAL H GAS COM No.: 1  
 Operator: XTO ENERGY, INC. API: 3004511670  
 Township: 31.0N Range: 14W  
 Section: 1 Unit: K  
 Land Type: U County: San Juan

Accumulated:  
 Oil: 209 (BBLs) Gas: 5919267 (MCF)  
 Water: 3577 (BBLs) Days Produ: 7156 (Days)

Year: 1998

Pool Name: UTE DOME PARADOX (GAS)

Month	Oil(BBLs)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	14620	0	31	0	14620
February	0	13984	0	28	0	28604
March	0	15351	0	31	0	43955
April	0	11934	0	30	0	55889
May	0	12877	80	31	0	68766
June	0	12260	0	30	0	81026
July	0	12163	0	31	0	93189
August	0	12512	80	31	0	105701
September	0	10762	0	30	0	116463
October	0	11640	80	31	0	128103
November	0	11932	80	30	0	140035
December	0	11846	0	31	0	151881
Total	0	151881	320	365		

Year: 1999

Pool Name: UTE DOME PARADOX (GAS)

Month	Oil(BBLs)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	14584	0	31	0	166465
February	0	15406	0	28	0	181871
March	0	16960	0	31	0	198831
April	0	15814	0	30	0	214645
May	0	16166	80	31	0	230811
June	0	15086	80	30	0	245897
July	0	16074	80	31	0	261971
August	0	16101	0	31	0	278072
September	0	14541	94	30	0	292613
October	0	15603	0	31	0	308216
November	0	14334	65	30	0	322550
December	0	14895	80	31	0	337445
Total	0	185564	479	365		

Year: 2000

Pool Name: UTE DOME PARADOX (GAS)

Month	Oil(BBLs)	Gas(MCF)	Water(BBL)	Days Produ	Accum. Oil	Accum. Gas(MCF)
January	0	11520	80	31	0	348965
February	0	4944	0	29	0	353909

March	0	10473	0	31	0	364382
April	0	8208	0	30	0	372590
May	0	9360	0	31	0	381950
June	0	17361	0	30	0	399311
July	0	16398	80	31	0	415709
August	0	13000	80	31	0	428709
September	0	10035	0	30	0	438744
October	0	14330	0	31	0	453074
November	0	13395	80	30	0	466469
December	0	14883	80	31	0	481352
Total	0	143907	400	366		

Year: 2001

Pool Name: UTE DOME PARADOX (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	14218	80	31	0	0	495570
February	0	11855	0	28	0	0	507425
March	0	11355	80	31	0	0	518780
April	0	11752	0	30	0	0	530532
May	0	11206	80	31	0	0	541738
June	0	8918	0	25	0	0	550656
July	0	1761	0	21	0	0	552417
August	0	8843	200	31	0	0	561260
September	0	12325	85	30	0	0	573585
October	0	16954	160	31	0	0	590539
November	0	17159	80	30	0	0	607698
December	0	12971	40	31	0	0	620669
Total	0	139317	805	350			