

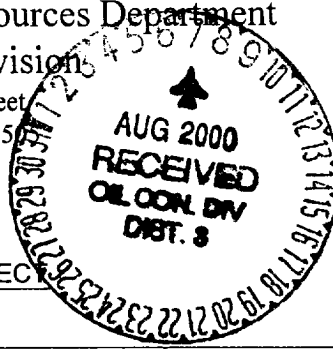
District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

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 06/9

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 Loren W. Fothergill						Phone 505-324-1090		
Property Name RANDEL, O.H.				Well Number 1		API Number 30-045-05918		
UL L	Section 09	Township 26N	Range 11W	Feet From The 1,650'	North/South Line SOUTH	Feet From The 990'	East/West Line WEST	County SAN JUAN

II. Workover

Date Workover Commenced: 10/29/99	Previous Producing Pool(s) (Prior to Workover):  <b>DOWNHOLE COMMINGLE</b>
Date Workover Completed: 11/11/99	

- 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 )  
Loren W. Fothergill, 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 Loren W. Fothergill Title Operations Engineer Date 8-2-00

SUBSCRIBED AND SWORN TO before me this 2nd day of August, 2000

My Commission expires: 6/10/03

Notary Public

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 11/11/99.

Signature District Supervisor <u>352</u>	OCD District <u>3</u>	Date <u>10/9/00</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

Wednesday, August 02, 2000

Page 1 of 4

RANDEL, OH

WELL # 1

RESERVOIR: DK/GP

JOB TYPE: DHC GP/DK formation

10/29/1999 First report for AFE #99590 to DHC DK & GP. FTP 189 psig (DK), SITP 58 psig, SICP 387 psig (GP). Blw well dwn. MIRU PU. TOH & LD 1-1/4" x 16' PR w/liner, 2 - 3/4" rods sub (2' & 6'), 70 - 3/4" rods w/scrapers, 16 - 3/4" rods, 100 - 5/8" rods w/scrapers, 14 - 5/8" rods, 14 - 3/4" rods & 2" x 1-1/2" x 14' RWAC pmp w/1" x 6" strainer nipple. Rods covered w/heavy paraffin. Stainer nipple covered w/scale. MIRU hot oil trk. Ppd 70 bbls 2% KCl wtr w/20 gals Baker PA 2000 paraffin solvent dwn tbg. Ppd 30 bbls 2% KCl wtr dwn csg & 30 bbls 2% KCl wtr dwn DK tbg. ND WH. NU BOP w/offset spool. TOH & LD 108 jts 2-3/8" tbg. SDFN. 130 BLWTR.

10/30/1999 SITP 5 psig, SICP 68 psig. Blw well dwn. TOH & LD 174 jts 2-3/8" tbg, SN, 2-3/8" x 6' perf sub & 1 jt 2-3/8" tbg. ND BOP. Removed 2-3/8" dual hanger flange. NU BOP. Worked tbg 5 hrs (rotating & jarring) to rel seal ass'bly fr/Model "D" pkr @ 6,045' KB. MIRU Wireline Specialty. RIH w/free point tool. Pipe free 1' above pkr. TIH w/prep shot & shot @ 6,041' KB. RIH w/chem cutter & cut off 2-3/8" tbg @ 6,041' KB. RDMO Wireline Specialty. TOH w/110 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. SDFN. 150 BLWTR.

10/31/1999 SI for Saturday.

# CROSS TIMBERS OPERATING COMPANY

SAN JUAN DISTRICT

WELL RESTORATION

Wednesday, August 02, 2000

Page 2 of 4

RANDEL, OH

WELL # 1

RESERVOIR: DK/GP

JOB TYPE: DHC GP/DK

11/01/1999 SI for Sunday.

11/02/1999 SITP 0 psig, SICP 0 psig. Blw well dwn. Finished TOH w/193 jts 2-3/8, 4.7#, J-55, EUE, 8rd tbg & 1 jt 2-3/8" cut off tbg. Tbg tally shows top of fish @ 5,990' KB. Well file shows pkr set @ 6,045' w/cut off @ 6,041' KB. TIH w/6.25" pkr mill shoe, XO, 5.75" x 10' washover pipe, XO, float sub, XO, 6 - 3-1/2" DC's, XO & 187 jts 2-3/8" tbg. Tgd fill @ 5,959'. MIRU air/foam unit. Circ & CO fill fr/5,958' to 5,993'. Milled out pkr in 4 hrs. TIH w/1 jt 2-3/8" tbg. Circ & clean well 1 hr. TOH w/30 jts 2-3/8" tbg. SDFN.

11/03/1999 Blew dwn well. Killed well w/30 bbls 2% KCl wtr. Fin TOH w/washover BHA. Did not rec pkr in mill shoe. RIH w/5.75" OS, XO, float sub, jars, XO, 6 - 3.5" DC's, XO, 189 jts 2-3/8" tbg. Tgd TOF @ 6,006.31'. Caught fish. TOH w/BHA & fish. Rec 4' x 2-3/8" cut off tbg stub, Model "D" pkr, 5 jts 2-3/8" tbg, 4' x 2-3/8" perf sub & pin collar. Full rec. Fish full of sd, scale & paraffin. TIH w/NC, 1 jt 2-3/8" tbg, SN & 60 jts 2-3/8" tbg for kill string.

**CROSS TIMBERS OPERATING COMPANY**  
**SAN JUAN DISTRICT**  
**WELL RESTORATION**

Wednesday, August 02, 2000

Page 3 of 4

**RANDEL, OH**

**WELL # 1**

**RESERVOIR:** DK/GP

**JOB TYPE:** DHC GP/DK

11/04/1999 SITP 210 psig, SICP 220 psig. Blw well dwn. Ppd 30 bbls 2% KCl wtr dwn tbg & csg to kill well. Fin TIH w/NC, 1 jt 2-3/8" tbg, SN & 200 jts 2-3/8" tbg. Tgd fill @ 6,207'. CO 150' of fill fr/6,207'-6,357' w/air foam unit. DK perfs fr/6,189'-6,280'. PBDT 6,357'. TOH w/205 jts 2-3/8" tbg, SN, 1 jt 2-3/8" tbg & NC. TIH w/7" csg scraper, XO, SN, SV, 100 jts 2-3/8" jts tbg. Press tstd tbg to 1,000 psig for 5". Held OK. SDFN.

11/05/1999 Blw well dwn. Ppd 30 bbls 2% KCl wtr dwn tbg & csg to kill well. Fin TIH w/7" csg scraper, XO, SN, SV & 204 jts 2-3/8" tbg. Tgd fill @ 6,351'. PBDT 6,357'. Press tstd tbg to 1,000 psig. Held OK. RU swb. BFL surf. S. 0 BC, 24 BLW, 2 hrs (4 runs). FFL 6,000' FS. Well did not KO. TOH w/2-3/8" tbg & 7" csg scraper. TIH & landed tbg as follows: NC, SN & 201 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT set @ 6,191'. SN set @ 6,190'. DK perfs fr/6,189'-6,280'. GP perfs fr/5,300'-5,424'. ND BOP. NU WH. SWIFPBU. RDMO PU. Repl American Tnk & Steel 3 ph, 1,000# WP production unit (SN# 3416) w/C. E. Natco, HLP 13A, 12" x 7'6", 1,000# WP (SN# 02171) production unit.

11/06/1999 SITP 20 psig, SICP 340 psig. Blew dwn tbg. MIRU SU. RIH w/ swb. Unable to get through tight spot in tbg @ 4,550' FS. RDMO SU.

# **CROSS TIMBERS OPERATING COMPANY**

**SAN JUAN DISTRICT**

**WELL RESTORATION**

Wednesday, August 02, 2000

Page 4 of 4

**RANDEL, OH**

**WELL # 1**

**RESERVOIR:** DK/GP

**JOB TYPE:** DHC GP/DK

11/09/1999 SITP 340 psig, SICP 360 psig. Op tbg to pit. F. heavy mist of oil, FTP 5 psig, SICP 280 psig, op ck, 15". SWI. SITP 195 psig, SICP 305 psig after 15". Installed 2" prod line fr/WH to sep & 2" dump line fr/sep to prod tnk. .

11/10/1999 SITP 270 psig, SICP 350 psig. MIRU SL. RIH w/1.906" broach & broached tight spots @ 1,875', 2,071', 2,135', 3,066', 4,233', 4,357' & 4,477'. Unable to broach tight spot @ 4,357'. RIH w/tbg swedge. Worked thru tight spot @ 4,357'. Dropped PCS bmpr spring & PCS mini plngr. RIH w/1.85" bl bx & pushed to btm. RDMO SL. Tied in sales line to GP meter run. Completed hooking up sep. SDFN.

11/11/1999 SITP 340 psig, SICP 370 psig. Completed sales line to meter run. Installed 95 bbl Intech pit tnk (SN 43125). Built cellar, berm & fence around pit tnk. RWTP as a DHC GP/DK well @ 4:00 p.m.

Well: O H RANDEL No.: 001

Operator: CROSS TIMBERS OPERATING COMPANY API: 3004505918

Township: 26N Range: 11W Section: 9 Unit: L Type: F

County: SanJuan

Year: 1993

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	17	2240		28
February	18	1883		28
March	5	1987		31
April	23	3147		31
May	41	4200		31
June	49	4810		30
July	31	5390		31
August	38	4509		24
September	37	5435		30
October	32	5313		31
November	35	3956		28
December	23	3312		31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January		118		31
February		115		28
March		119		31
April		119		30
May		115		31
June		116		30
July		131		31
August		131		31
September		127		30
October		131		31
November		127		30
December		131		31

Year: 1994

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	48	4240	0	31
February	0	2514	0	28
March	0	2943	0	31
April	45	7372	0	30
May	52	6247	0	31
June	42	5752	0	30
July	49	5715	0	31
August	43	6169	0	31
September	18	4062	0	25
October	47	6590	0	31
November	47	6758	0	30

December	52	6890	0	31
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Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	131	0	31
February	0	119	0	28
March	0	131	0	31
April	0	127	0	30
May	0	131	0	31
June	0	127	0	30
July	0	131	0	31
August	0	131	0	31
September	0	127	0	25
October	0	110	0	31
November	0	106	0	30
December	0	110	0	31

Year: 1995

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	63	6757	0	31
February	39	5832	0	28
March	45	6659	0	29
April	42	5782	0	30
May	21	3634	0	29
June	29	5058	0	30
July	40	4305	0	31
August	29	4577	0	31
September	26	4560	0	30
October	22	3205	0	25
November	28	5065	0	30
December	45	6342	0	31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	110	0	31
February	0	99	0	28
March	0	110	0	31
April	0	106	0	30
May	0	110	0	31
June	0	106	0	30
July	0	110	0	31
August	0	110	0	31
September	0	106	0	30
October	0	59	0	25
November	0	57	0	30
December	0	59	0	31

Year: 1996

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
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January	6	6558	0	31
February	39	5008	0	29
March	37	5815	0	31
April	37	5444	0	30
May	21	0	0	31
June	0	0	0	30
July	0	0	0	31
August	0	0	0	31
September	5	5646	0	26
October	0	0	0	31
November	0	3216	0	30
December	0	3446	0	31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	59	0	31
February	0	55	0	29
March	0	59	0	31
April	0	57	0	30
May	0	3644	0	31
June	0	1797	0	30
July	0	7875	0	31
August	0	6888	0	31
September	0	0	0	30
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1997

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	3865	0	31
February	0	3301	0	28
March	0	3746	0	31
April	34	3315	0	30
May	0	3110	0	31
June	0	2754	0	30
July	0	2079	0	23
August	0	3185	0	25
September	0	2704	0	30
October	0	2633	0	31
November	0	2440	0	30
December	0	2393	0	31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0



June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1998

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	174	1743	0	31
February	0	2004	0	28
March	0	1261	0	31
April	0	1163	0	30
May	1	2095	5	31
June	6	2226	0	30
July	4	1341	0	31
August	3	2501	0	31
September	0	2626	0	30
October	0	2233	0	31
November	0	1870	0	30
December	0	2053	0	31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1999

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	2033	0	31
February	0	1794	0	28
March	0	1955	0	31
April	0	1728	0	30
May	0	1825	0	31
June	0	1680	0	30
July	0	1769	0	26
August	0	2301	0	31

September	0	2373	0	30
October	0	1906	0	27
November	170	4454	0	17
December	195	9530	25	30

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	90	0	17
December	0	194	0	30

Year: 2000

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	257	8398	80	27
February	244	8814	157	29
March	241	8403	115	31

Pool Name: GALLEGOS GALLUP (ASSOCIATED)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	172	0	27
February	0	180	3	29
March	0	201	0	31