

Submitt 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-35204
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Cooper 3
8. Well No. 6
9. Pool name or Wildcat Simpson
10. Elevation (Show whether DR, RKB, RT, GR, etc.)

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 Matador Operating Company

3. Address of Operator
 310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location
 Unit Letter B : 458 feet from the North line and 1704 feet from the East line
 Section 3 Township 20S Range 37R NMPM Lea County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Russ Mathis TITLE Production Manager DATE 4/9/02

Type or print name Russ Mathis Telephone No. (915) 687-5955

APPROVED BY _____ TITLE PAUL F. KAUTZ DATE APR 18 2002
 PETROLEUM ENGINEER

3
 Conditions of approval, if any:
2A Wildcat Strawn

Matador Operating Company

**Cooper 3 #6
Lea Co., NM**

**API #30-025-35204
Sec. 3, T-20S, R-37E**

- 12/19/00 Backhoe leveled location, set mast anchors and crew plumbed casing valves to surface. Received tubing string from Pipeline Deep Fed 5 #2 that was stored at Bulldog. MIRUPU. NU BOP. RIH with 4-3/4" bit, 5-1/2" casing scrapper and 100 joints of 2-3/8" EUE 8rd L-80 tubing. SWI, SDON.
- 12/20/00 RIH with 325 total joints of tubing and tagged PBTD at 10264.34 KB. Circulate well with 2% KCL. Pressured well bore to 2500 psi - ok. Laid down 7 joints and POH with balance tubing. SWI, SDON.
- 12/21/00 RU Baker wireline. Loaded casing with 18 bbls 2% KCL. Ran CBL (RAL) from 10244' to 9860' without pressure. Pressured casing to 1500 psi and logged from 10244 - 8200'. Bond is good in zones of interest. TOC at 6600' by CBL. Perforate from 10,030 - 10,043 with 4 SPF 90 deg phasing .46" hole, 19 gram, 19.1" penetration. Slight vacuum on shot. RD wireline. RIH with 5-1/2" RBP, CL, 5-1/2" packer, SN, and 321 joints with 14' out and set RBP at 10,145'. Laid down 7 joints, set packer with 314 joints in at 9923'. SWI SDON.
- 12/22/00 Start swabbing. IFL at surface. Made 11 runs, recovered 40 bbls and tubing dry. SD 1 hour with no fluid entry. RU Cudd and acidize with 1250 gals 7-1/2% HCL with NEFE DI LST and clay stabilizer. Flushed with 2% KCL. Pressured tubing/casing annulus to 1350 psi. Pumped acid as follows:

<u>Tbg Press</u>	<u>Bbls</u>	<u>Rate</u>	
0			
600	38.0	2	Tubing loaded
3760	40.0	2	Formation broke
3570	41.0	2	
4010	43.0	3.5	
4060	44.0	3.4	
4150	46.0	3.4	
4190	51.7	3.4	
4140	55.3	3.4	
4180	58.3	3.4	
4230	63.0	3.4	
4250	67.0	3.4	
4270	69.0	3.4	
4280	70.7	3.4	

ISIP 2880, 5 min 2700, 10 min 2610, 15 min 2540. Opened on choke and pressure bled down in 9 minutes. Removed treating valve and start swabbing. IFL at surface, 2 - 2100, 3 - 3500, 4 - 4300, 5 - 5200 with acid, 6 - 6500, 7 - 8000, 8 - 8000, 9 - dry. Recovered 60 bbls acid and water. SWI, SD.

- 12/26/00 Start swabbing. IFL 3300, made 6 runs, recovered 21 bbls and tubing dry. SD 1 hour with no fluid entry. Loaded tubing with 42 bbls 2% KCL. Released packer. Engage RBP, released and moved. Set RBP at 10000.46' KB with 316 joints at top of slips. Set packer and test RBP to 2500 psi. POH with tubing and tools. Packer elements OK for rerun. Loaded hole with 18 bbls ditto water. RU Jarrel and perforate 9880-9913 with 4" casing guns, 4 spf, 90 deg phasing. RD wireline. RIH with RBP retrieving tool, CL, packer, SN and tubing. With 78 joints in hole, tubing started displacing fluid. Perf appeared to be taking some fluid. RIH with 309 joints tubing and set packer at 9770'. SWI, SDON.

Matador Operating Company

**Cooper 3 #6
Lea Co., NM**

**API #30-025-35204
Sec. 3, T-20S, R-37E**

12/28/00 Opened well with tubing on a slight vacuum. IFL at 350'. Made 8 runs and recovered 44 bbls with tubing dry. SD 1 hour, FL at 8000'. Swab from 9200'. SD 1 hour, FL at 8000'. Pulled swab from 9200'. SD 1 hour, FL at 8900'. SD 1 hour. Swab tubing dry. Recovered a total of 59 bbls of water. Sent water sample to Schlumberger. Note: no nitrates detected in water. SWI, SDON.

Water Analysis:

Specific gravity - 1.097 at 74 degrees F, ph 6.30

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	78699.0	71727
Sulfates	550.0	501
Carbonates	0.0	0
Bicarbonates	60.0	55

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	8340.8	7602
Magnesium	1603.8	1462
Iron	75.0	68
Sodium	<u>38640.0</u>	35217
Total dis solids:	127968.9	

12/29/00 Continue swab. FL first run at 5700'. Pulled from 6900'. No oil. RD swab. Load tubing with 2% KCL. Release packer. TIH, tag sand at 9970'. Wash 10' sand to RBP at 9980'. Latch and release RBP. TOH, set RBP at 9877'. COH, set packer at 9836'. Test RBP to 2600 psi for 5 min (good). Release packer and lay down 4 joints tubing. COH with 154 stands tubing and tools. RU Schlumberger wireline. TIH with 4" port plug guns loaded 4 SPF 90 deg phase with 22 gram charges for .37" hole / 27.56" penetration, and wireline. Correlate and perf 9805' - 9850' in two runs. No change in fluid level. RD Schlumberger. TIH with packer and tubing. Set packer at 9710' (308 joints). (RBP is 4 joints plus 15' below). RU swab. FL at surface. Make 3 runs. Recover 22 BW. FL at 5800'. SWI, SDON.

12/30/00 SITP 0#. Continue swab. FL first run at 4800'. Swab to SN in three runs. Wait one hour. Swab to SN, no fluid recovery. Changed to new wire cups. Swab to SN. Recover 1 BW. SWI, SDOH. Recover 20 BW this report.

01/02/01 Opened well with tubing on a slight vacuum. IFL 8500'. Recovered black water. Second run tubing dry. RU Schlumberger and acidize perforations at 9805 - 9850 with 1000 gals 7-1/2% NEFE LST DI LST Dowell's MSR acid. Pumped acid at 3.5 BPM, max pressure 3300 psi. Flushed with 2% KCL. ISIP 1858, 5 min 1484, 10 min 1364, 15 min 1273. 64 BTL. Opened tubing to tank and pressure fell off. RU Swab with IFL at surface. 2nd 2000, 3rd 2600, 4th 4600, 5th 6200, 6th 6200, 7th 7400, 8th 9200. SD 30 mins 500' entry FL at 9200'. SWI, SDON. 57 BTLR of 64 BTL. 7 BTLTR.

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API #30-025-35204
Sec. 3, T-20S, R-37E

01/03/01 Opened well with slight blow (no gas). Swab 42 BW in 8 hours and 12 runs. IFL at 5000'. Continue swabbing 2nd 6700, 3rd 8500', 4th 9200'. SD 30 minutes. 5th 9400', SD 1 hour. 6th 9450'. SD 1 hour. 7th 9200'. SD 1 hour. 8th 9150'. SD 1 hour. 9th 9150'. SD 1 hour. 10th 9200'. SD 1 hour. 11th 9200'. SD 1 hour. 12th 9200'. SWI, SDON. 64 BTLR of 64 BTL. 35 BOL. Water samples on swabbing are as follows:

Sample 3:

Specific gravity – 1.128 at 70 degrees F, ph 6.20

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	108713	96377
Sulfates	0	0
Carbonates	0	0
Bicarbonates	20	18

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	15639	13864
Magnesium	2916	2585
Iron	3000	2660
Sodium	44558	39502
Total dis. solids	174846	0 nitrates

Sample 4:

Specific gravity – 1.128 at 75 degrees F, ph 5.40

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	103514	91768
Sulfates	0	0
Carbonates	0	0
Bicarbonates	0	0

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	0	0
Magnesium	0	0
Iron	5500	4876
Sodium	62579	55478
Total dis. solids	171593	0 nitrates

01/03/01
Continued

Sample 7B:

Specific gravity – 1.132 at 75 degrees F, ph 5.10

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	107768	95201
Sulfates	0	0
Carbonates	0	0
Bicarbonates	0	0

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	0	0
Magnesium	0	0
Iron	900	795
Sodium	69123	61062
Total dis. solids	177791	0 nitrates

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Sample 7T:

Specific gravity – 1.127 at 75 degrees F, ph 6.50

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	123366	109464
Sulfates	0	0
Carbonates	0	0
Bicarbonates	260	231

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	18286	16225
Magnesium	1944	1725
Iron	2000	1775
Sodium	<u>53773</u>	47714

Total dis. solids 199629 0 nitrates

Sample 10:

Specific gravity – 1.140 at 70 degrees F, ph 6.50

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	113440	99509
Sulfates	0	0
Carbonates	0	0
Bicarbonates	120	105

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	16521	14492
Magnesium	1361	1194
Iron	1000	877
Sodium	<u>51236</u>	44944

Total dis. solids 183678 0 nitrates

01/03/01
Continued

Sample 12:

Specific gravity – 1.139 at 70 degrees F, ph 6.40

<u>Anions</u>	<u>mg/l</u>	<u>ppm</u>
Chlorides	110604	97106
Sulfates	0	0
Carbonates	0	0
Bicarbonates	170	149

<u>Cations</u>	<u>mg/l</u>	<u>ppm</u>
Calcium	16040	14083
Magnesium	1944	1707
Iron	1100	966
Sodium	<u>48783</u>	42830

Total dis. solids 178641 0 nitrates

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Sec. 3, T-20S, R-37E

- 01/04/01 Made one swab run with FL at 6200'. RD swab, loaded tubing with 23 bbls 2% KCL. Released packer and tagged RBP with 6' of fill. Washed fill, engaged RBP, circulated tubing clean. Released RBP, moved, reset at 9780 with 310 joints and 10' up. Laid down one joint and set packer. Tested RBP to 2500 psi. Laid down 5 joints and POH with tubing and tools. RU Schlumberger and perforate McKee at 9729-9750' with 4 SPF, 90 deg phasing, 4" guns. RD wireline. Replace packer and RIH with 304 joints. Set packer at 9600'. Started swabbing. IFL surface, 2 - 2000', 3 - 3500', 4 - 5000', 5 - 6700', 6 - 9750'. SD 30 minutes with swab in hole. Had 50' more ft of entry for a total of 80'. Recovered 3% oil on this run. Total recovery 39 bbls of water. Tubing capacity is 37 bbls. SWI, SDON.
- 01/05/01 Made one swab run with fluid level at 7200'. RD Swab. Recovered 100% oil (41.6 gravity). Took oil to Schlumberger to test for compatibility. Pressured tubing/casing annulus to 1000 psi. Pumped 1000 gals 7-1/2% NEFE LST DI MSR acid. Pumped 3 BPM with acid on perfs, pressure is at 5018 psi. Increased rate to 3.75 BPM at 5879 psi. ISIP 4200 psi, 5 min - 3837 psi, 10 min - 3630 psi, 15 min - 3353 psi. TLTR 65 bbls. RD Schlumberger and bled pressure off tubing. RU swab and start swabbing. IFL surface and slightly flowing, 2nd - 2300', 3rd - 4000', 4th - 6000', 5th - 8000', 6th - 9400'. Recovered 5% oil. Total recovered: 40 bbls. 7th with 30 min SD time 8000', 8th - 8400' 4 bbls 50/50, 9th - 8400' 4 bbls 50/50, 10th - 8400' 50/50 4 bbls. 46 BTLR of 65 BTL. 19 BTLLTR. 6 BO. SWI, SDON.
- 01/06/01 Opened well with 220 psi on tubing. IFL 5200', recovered 15 bbls. Pulled from SN. Continue to swab, making one run per hour. 2nd - 4 bbls, 3rd - 3 bbls, 4th - 3 bbls 100% oil, 5th - 2 bbls oil and gas, 6th - 2 bbls 50/50 no gas, 7th - 2 bbls 100% oil with gas, 8th - 2 bbls 100% oil with good gas, 9th - 2 bbls 100% oil with good gas. SWI, SDON. 32 BO + 1 BW today. 47 BTLR. 18 BTLLTR. Total oil in tank is 45 bbls.
- 01/07/01 Shutin
- 01/08/01 Opened well with 550 psi on tubing. IFL 3400' recovered 18 bbls. Made 3 runs to SN. Hr. 2-2 runs rec. 5 bbls. Hr. 3-2 runs rec. 4 bbls. Hr. 4-2 runs rec. 2 bbls. Hr. 5-1 run rec. 2 bbls. Hr. 6-1 run rec. 2 bbls. Hr. 7-1 run rec. 2 bbls. Hr. 8-1 run rec. 2 bbls. Hr. 9-1 run rec. 2 bbls. Run 10-1 run rec. 2 bbls. Fluid level is holding at 8800'-9000'. Recovery is 100% oil with gas. Left well open to tank on a small choke. Total oil recovered today is 41 bbls.
- 01/09/01 Well is open with good gas blow. IFL 4200'. Made 3 runs to SN and recovered 17 bbls. Made 9 more runs, one per hour, and recovered 19 bbls. Oil. The well is producing good gas. Fluid level is holding at 8800'-8900' on each run. Rec. 36 BO + 0 BW for today. LWOTT SDON.
- 01/10/01 Well is open with good gas blow. IFL 4200' recovered 18 bbls. Made 3 runs to SN. Made 9 more runs one per hour and recovered 18 bbls. Oil. The well is producing good gas. Fluid level is holding at 8800'-8900' on each run. All recovery has been 100% oil. LWOTT SDON. Total recovery 36 bbls of oil.
- 01/11/01 Well is open to tank. RU Pro Slickline, RIW with tubing locator and tagged the top of the RBP @ 9791'. Located SN @ 9599'. RD Slickline. RIW with swab and found FL @ 4200'. Made 3 runs and recovered 17 bbls. 100% oil. RU Schlumberger to acidize McKee. Attempted to test lines and the acid pump would not go over 6000 psi. SD and we will pump acid 1/12/01. Schlumberger to change trucks. Schlumberger to discount ticket for lost time today.

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01/12/01 FL at 3800'. Swab 21 BO. RU Dowell. Acidize McKee perms 9729-9750 with 2500 gals 15% HCL with NEFE LST and clay stabilizing agent. Double inhibited. Dropped 100 BS for diversion. Treat at 6 BPM at 7600 psi. Had minor ball action. ISIP 4450, 5 min 4190, 10 min 4033, 15 min 3906. OWTP. Blow down in 10 minutes. RU swab. Swab 62 BTLR of 110 BTL. 48 BTLLTR. Final FL at 8800. Final cut 10% oil. Swabbing 2 BPH at end of day. LWOTT. SDON.

01/13/01 Well is open to tank with no blow. BFL at 6800'. Recovered 7 bbls at 30% oil in to first hour. Made 5 more runs per 1 hour recovering 1-2 bbls a run. Last run recovered 200' of fluid at 90% oil, SD. LWOTT. 7 BTLR + 7 BO. 41 BTLLTR.

01/15/01 Well is open to tank. IFL at 4800'. Made 3 swab runs and recovered 16 bbls 100% oil. 9:00 am, 2 runs, 5 bbls, 80% oil. 10:00, 1 run, 3 bbls. 11:00, 1 run, 1 bbl, 100% oil. 12:00 pm, 1 run, 1 bbl, 100% oil. 1:00, 1 run, 1/4 bbl, 100% oil with small gas blow. 2:00, 1 run, 200' fluid, 100% oil with gas behind swab. 3:00, 1 run, 1/2 bbl oil, tubing on vacuum for 15 minutes then gas blow. 4:00, 1 run 3.4 bbls oil, ditto. 5:00 pm, 1 run, 3/4 bbl oil, ditto. 41 BTLLTR.

01/16/01 Well is open to tank. IFL at 4800'. Made 3 runs and recovered 16 bbls 100% oil. Good gas after runs. Made 9 runs, recovering 1 bbl per run, 100% oil. Total recovery today, 20 bbls oil. LWOTT, SDON. 41 BTLLTR.

01/17/01 Well is open to tank. IFL at 7600'. Made 2 runs and recovered 8 bbls oil. Continue swabbing next three hours receiving 1 bbl per hour. Swabbed for the next six hours and recovered 1/2 bbl per hour. Total recovery today is 14 bbls oil. 41 BTLLTR.

01/18/01 Well is open to tank. IFL 7600'. Made 2 runs, recovered 8 bbls oil. Made 3 runs, one per hour, recovered 3 bbls oil. RD swab, RU transport, pumped 2% KCL while dropping 100# 20/40 frac sand. Sand is to cover RBP before perforating. RU Schlumberger wireline. RIH with 1-11/16 SB CCL GR, Tagged sand at 9780'. Tie log with 37' correction. POH and SDON. Total recovery today is 11 bbls oil. 41 BTLLTR.

01/19/01 RIH with 1-11/16" strip perforating gun with 84 shots. Unable to go past SN. POH with guns and change lead nose on strip. Still unable to go past SN. RIH with larger drift bar to 9780'. Cut strip length in half and picked up on tubing 2'. RIH with 10.5' strip guns, CCL, and drift gun. Set down on SN twice and the third time, gun passed. Perforated McKee again from 9739.5 - 9750'. Smooth off strip attachment head and RIH with same set-up. Set down on SN twice and bars passed SN. Perforate 9729 - 9750'. Both runs shooting 4 SPF, 0 degree phasing. RU Schlumberger. LWOTT, SDON.

01/20/01 Well is open to tank. IFL at 3300'.

<u>Time</u>	<u>bbls rec</u>	<u>% oil</u>
8:00 am	18.0	80
9:00	5.0	15
10:00	2.5	90
11:00	2.5	90
12:00 pm	2.0	100
1:00	1.5	100
2:00	1.0	100
3:00	1.0	100
4:00	<u>1.0</u>	100
	34.5	

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LWOTT. SDOWE.

01/22/01 Well is open to tank. IFL at 3600'.

<u>Time</u>	<u>bbls rec</u>	<u>% oil</u>
8:00 am	18.0	100
9:00	3.0	100
10:00	2.0	100
11:00	1.0	100
12:00 pm	1.0	100
1:00	1.0	100
2:00	0.5	100
3:00	0.5	100
4:00	<u>0.5</u>	100
	28.0	

Tubing had good gas blow until 2:00. From 2:00 - 5:00, tubing would go on a vacuum for 15 mins after each run.

01/23/01 Well is open to tank. IFL at 7000'.

<u>Time</u>	<u>bbls rec</u>	<u>% oil</u>	
8:00 am	11.0	100	3 runs
9:00	0.5	100	
10:00	0.5	100	
11:00	0.5	100	
12:00 pm	0.5	100	
1:00	0.5	100	
2:00	0.5	100	
3:00	0.5	100	
4:00	0.5	100	
5:00	<u>0.5</u>	100	
	15.5		12 total runs

LWOTT, SDON.

01/25/01 RIH with retrieving tool and tubing. Loaded hole with 65 bbls 2%KCL, washed perforating junk, sand and frac balls off the top of RBP. Washed and worked junk for 5 hours before retrieving tool reached RBP. Engaged and released RBP. Laid down 60 joints tubing. POH with balance tubing and tools. LWOTT, SDON. Hauled a total of 520 bbls water out of reserve pit and 130 bbls off frac tank.

01/26/01 RU JSI Wireline. RIH with 3.875 gauge ring to 9750'. RIH with 5-1/2" Howco Easy Drill 10K CIBP and set at 9680' KB. RIH with CCL GR CBL. Log 7900' - 7480' without pressure. Log 8400 - 6380' with 1500 psi on casing. Dump bail 15' of Class H cement on top of CIBP at 9680'. Perforate 7768 - 7790' with 4 spf, .47 EH, 41.5" penetration. RIH with 5-1/2" packer and set at 7640'. SWI SDON.

01/27/01 Start swabbing. IFL at surface with no pressure. Swabbed 28 bbls water and tubing was dry. SD 30 mins with no entry. SD 1 hour. Made swab run with no fluid recovery or gas. SWI SD.

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01/29/01 Tubing shut in with 0 psi. Made 1 swab run to SN with no recovery. RU Schlumberger. Acidize well with 2500 gals 15% NEFE LST DI and 100 7/8" 1.3 SG ball sealers.

<u>Rate</u>	<u>Bbbs away</u>	<u>Tbg press</u>	<u>Csg press</u>	<u>Remarks</u>
3 BPM	25	32	943	
3 BPM	29	3000	1048	
3 BPM	35	5200	960	
3 BPM	38	4822	979	
4 BPM	40	5180	976	
5 BPM	42	5800	989	
5 BPM	52	5360	990	100 balls
5 BPM	60	5250	1000	on Flush
5 BPM	18	5096	993	
5 BPM	26	5000	1093	
5 BPM	33	4927	970	

ISIP 2800 psi, 5 min 1227 psi, 10 min 595 psi, 15 min 283 psi. SWI. RD Schlumberger. After 45 mins, tubing is on a slight vacuum. Start swabbing. IFL 600'. Swab 70 bbbs with FL at 1900'. Well started cutting 2-5% oil. Swab additional 22 bbbs in 4 hrs with 10% oil cut. LWOTT with watchman overnight. BTLR 92. BTLTR 90.

01/30/01 Well is open to tank. IFL 1100'. Pulled from 3100'. Recovered 6 BO + 6 BW with good gas after run.

<u>Time</u>	<u>Runs</u>	<u>Bbbs</u>	<u>Remarks</u>
8:00 am	3	21	5% oil
9:00	4	24	5% oil
10:00	4	26	40% oil, sand line parted 125' line in tubing
11:00	1	10	5% oil
12:00 pm	3	15	100% wt with good gas
1:00	3	23	5% oil
2:00	3	20	Cut changing 50% oil to 100% wt
3:00	3	20	15% oil with good gas
4:00	3	20	15% oil with good gas
5:00	3	20	15% oil with good gas
			199

After SD for 15 mins, fluid level will rise to 1900'. LWOTT. SDON. Color cutting tank am 1/31/01.

01/31/01 Well is open to tank. IFL 1100', 50% oil recovered 7 bbbs with good gas after run.

<u>Time</u>	<u>Runs</u>	<u>Bbbs</u>	<u>Remarks</u>
8:00 am	1	7	50% oil
9:00	SD	0	Splice new sand line on drum
10:00		0	Ditto
11:00		0	Ditto
12:00 pm		0	
1:00	3	20	FL at 1100'
2:00	3	21	FL at 1900', 5% oil
3:00	3	19	FL at 2100', 10%, 5%, 5% oil
4:00	3	22	FL at 2300', 5% oil with H2S monitor set off
5:00	3	21	FL at 2300', 5% oil with good gas
			110

Matador Operating Company

**Cooper 3 #6
Lea Co., NM**

**API #30-025-35204
Sec. 3, T-20S, R-37E**

Total production today 7.7 bbls oil, 102.3 water.

02/01/01 Swab 32 BO + 191 BW in 10 hours. BFL at 1100'. FFL at 3500. Rigged up Action Safety with H2S equipment. After reaching 3500', shut down for 15 mins and fluid level increased to 2100'. LWOTT SDON.

<u>Time</u>	<u>Runs</u>	<u>Bbls</u>	<u>Remarks</u>
8:00 am	4	24	1st run rec 4 BO, next 20 bbls was 100% wtr
9:00	3	17	100% black wtr with H2S at 2.5%
10:00	3	22	10% oil, black wtr H2S at 3.6% - 4%
11:00	4	24	10% oil, wtr clearer H2S decreasing
12:00 pm	4	24	12% oil with 5% emulsion wtr clearer
1:00	3	22	Ditto
2:00	4	26	15% oil slight emulsion wtr clear
3:00	3	20	20% oil clean oil and clean wtr
4:00	3	22	20% oil clean oil and clean wtr H2S decreasing
5:00	3	22	20% oil clean fluids
223			

Water analysis from 02/01/01 as follows:

Anions	ppm
Chlorides	39580
Sulfates	1294
Carbonates	0
Bicarbonates	942

Cations	ppm
Calcium	4153
Magnesium	629
Iron	0

02/02/01 Swab 12 BO + 73 BW in 4 hours. Released packer. RIH with 6 stands for a total of 250 joints at 7894.56' KB. Laid down 4 joints. POH with 246 joints. RU Jarrel Services and perforate Strawn from 7710 - 7745 with 4" expendable guns 4 SPF, .47 EH, .39 gram shot 90 deg phasing with 41.5" penetration in two runs. First run fluid level after shot 1250'. Fluid level going in on second shot 1250'. Fluid level after pulling second shot 1250'. RD Jarrel Services. RIH with 5-1/2" RBP, collar locator, 5-1/2" TXT - 2 packer, and 76 joints. SWI, SDON. Swab results prior to pulling tubing.

<u>Time</u>	<u>FL</u>	<u>Runs</u>	<u>Bbls</u>	<u>Remarks</u>
8:00 am	2800	3	23	1st run rec 50% oil, balance runs 100% wtr
9:00	3000	3	23	5% oil
10:00	3300	3	25	5% oil, Action Safety checked tank with 2.9% H2S
11:30	3300	2	14	5% oil
			85	

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02/03/01 No pressure on tubing after overnight SI. FIH with total of 246 joints. Located collar at 7766'. Set RBP at 7761'. Set packer at 7751'. Displace tubing with 40 bbls of 2% KCL. Closed by-pass and pressured tubing to 2500 psi - ok. Laid down 5 joints. Set packer at 7600' with 241 joints. Pressured annulus to 1000 psi - ok. Start swabbing. Swab 14 BO + 138 BW in 6 hours. SWI, SDON.

<u>Time</u>	<u>FL</u>	<u>Runs</u>	<u>Bbls</u>	<u>Remarks</u>
12:00	1400-2800	4	27	100% black water with gas
1:00 pm	2800	3	23	100% water
2:00	2800	4	27	1st 5% oil, 2nd 10% oil, 3rd-4th 20% oil
3:00	2800	4	25	20% oil with clear water
4:00	3000	4	25	20% oil with clear water
5:00	3000	3	25	20% oil with clear water
				152

02/05/01 No pressure on tubing after 36 hours shut in. Start swabbing. IFL at 1400'. Swab 22 BO + 203 BW. Set rental slips, SWI. RDPU.

<u>Time</u>	<u>FL</u>	<u>Runs</u>	<u>Bbls</u>	<u>Remarks</u>
8:00 am	1400-3200	4	25	50% oil, 100% wtr, 100% wtr, 10% oil
9:00	3000	4	25	15% oil
10:00	3300	4	25	15% oil
11:00	3300	4	25	15% oil
12:00	3300	4	25	15% oil
1:00	3500	4	25	20% oil
2:00	3500	4	25	20% oil
3:00	3500	4	25	20% oil
4:00	3500	4	25	20% oil, 20% oil, 15% oil black wtr, 15% oil black wtr
				225

02/05/01 Action Safety on location checking crew certification and equipment. Swab 17 BO + 150 BW in 9 hours and 32 urns. SWI, SDON.

02/07/01 SITP 50#. RU and pump 35 bbls 2% KCL. Release packer. Pick up and TIH with 5 joints. Latch onto RBP and release. TOH and set RBP at 7705. Test RBP 4000 psi for 5 min. Release pressure. Release packer and TIH with tubing and packer. Wait on Baker Atlas. RU same. TIH with 4" casing guns loaded 4 SPF, 90 deg phase. Perf Strawn from 7676 - 7693 with charges creating holes .47" x 21.4". TOH with same. TIH with 4" perf guns loaded 4 SPF, 90 deg phase. Perf Strawn from 7656 - 7676 with charges creating holes .42" x 42". TOH with same. Begin to pick up guns for last perf run (7636 - 7656). Find guns 'shorted'. Will require minimum 90 min repair. SWI, SDON.

02/08/01 SITP 0. TIH with 4" expendable perf gun loaded 4 SPF 120 deg phase (.42" x 42" holes). Perf Strawn from 7636' - 7656'. TOH with same. No change in fluid level since TIH first run. RD Baker Atlas. TIH with retrieving tool for RBP, re-dressed packer and 239 joints tubing. Set packer at 7536 with 18 points compression. Test packer 1000#. FL at surface. Swab fluid to 4500' in two swab runs. Dump 2 sx frac sand down tubing. Load tubing with 18 bbls 2% KCL to flush sand to settle on RBP to hold ball sealers above fishing neck. Wait 45 min. Continue swab. FL at 7000' after 6 swab runs. Tag SN on seventh run. Swab is stuck. Drop Kenly line cutter. TOH with sand line. Load tubing with 28 bbls 2% KCL. Release packer. SWI, SDON.

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- 02/09/01 FPOH with tubing and packer. Find swab tools 2 joints above SN stuck in sand. TIH with packer and tubing. Set packer at 7536' with 18 points compression. Test packer and annulus and hold 1500 psi. RU Schlumberger. Acidize Strawn perfs 7636' - 7693' with 5700 gals 15% NEFE LST and clay stabilizer as follows: 1) load tubing with 5 bbls 2% KCL, 2) pump into perfs at 3.75 bpm - 5700#, 3) acid on perfs, 3.75 bpm - 4000#, 4) increase rate to 5.3 bpm , 4300#, 5) 700 gals acid in perfs, 75 ball sealers at perf, same rate, pressure spikes to 4800#, then back to 4500#, 6) maintain rate at 5.3 bpm, drop 75 ball sealers after each 1333 gals for a total of 300 balls, pressure increases through job to 4650# with some ball action, 7) flush with 31 bbls 2% KCL. ISIP 2500#, 5 min 1410#, 10 min 760#, 15 min 471# . RD Schlumberger. 30 min SIP 400#. Flow back 4 bbls. RU swab. Recover 24 BW. Well begins to flow 90% oil and estimated gas rate of 100 MCFD. Test for H2S, 20000 PPM. First hour flowback 40 bbls. Total recovery 35 BW, 30 BO. LWOTT. PPS on watch. 15 min SITP 60 psi, FTP 20 psi, 3/4 choke. 196 BTL. 161 BTLTR.
- 02/10/01 13 hour SITP 80 psi. Continue swab. FL first run at 1500'. Swab 165 bbls in 10 hours. Good gas show between runs. FL steady at 1500'. SWI. SDFS. Fluid recovered this report: 84 BW, 81 BO. 119 BTLR, 77 BTLTR.
- 02/12/01 13 hour SITP 50 psi. Continue swab. FL first run at 800'. Swab 195 bbls in 10 hours. Gas show between runs, but not as good as previous report. FL as deep as 2500', but will return quickly to 1500'. SWI, SDON. Fluid recovered this report: 106 BW, 89 BO. 225 BTLR.
- 02/13/01 13 hour SITP 60 psi. Continue swab. FL first run at 1000'. Swab 275 bbls in 10 hours. Gas show between runs. FL as deep as 2500', but will return quickly to 1500'. SWI, SDON. Fluid recovered this report: 219 BW, 56 BO. 444 BTLR. Treat oil in frac tanks to allow sales.

Water Analysis

Anions	ppm
Chlorides	47721
Sulfates	577
Carbonates	0
Bicarbonates	846

Cations	ppm
Calcium	7197
Magnesium	2025
Iron	0

- 02/14/01 13 hour SITP 40 psi. Continue swab. FL first run at 1000'. Swab 275 bbls in 10 hours. Gas show between runs. FL as deep as 2500', but will return quickly to 1500'. SWI, SDON. Fluid recovered this report: 170 BW, 105 BO. 614 BTLR.
- 02/15/01 13 hour SITP 50 psi. Continue swab. FL first run at 1000'. Swab 24 bbls in 2 runs (80% oil). RD swab. Release packer and TOH with same. TIH with retrieving tool for RBP and tubing. RU stripper head and pump truck. Well circulates after pumping 70 bbls (2% KCL). Wash down to top of fishing neck of RBP. Continue circulate with 50% returns. No ball sealers or sand to surface. Wait one hour on more water. Circulate approximately 75 balls, and all of sand to pit. Continue circulate and work with retrieving tool two hours. No more balls to surface, only pieces. Circulation improving to 80% returns. RD pump truck. TOH with tubing and retrieving tool. Tool has 28 balls wedged inside. No other marks on tool. SWI, SDON.

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02/16/01 TIH with over shot with shoe, and tubing. RU reverse unit and swivel. Wash over fishing neck of RBP. Circulate 188 balls and perf debris from top of RBP. Circ clean. TOH with same. TIH with retrieving tool and tubing. Latch onto RBP and release. TOH and lay down tubing and RBP. Install thread protectors on tubing and send same to Bulldog Services yard for storage. RD reverse unit and swivel. SWI, shut down until sub pump is available (most likely 2/20/01).

02/17/01 Roustabout crews installed roll lines, fiberglass bottom flow tubes, 3" circulating lines and closed tanks. Crews built fill line, equalizer line, load line, and vent line on 2 500 bbl stock tanks.

02/19/01 Shut in

02/20/01 Take delivery on 7800' new 2-7/8 J-55 EUE 8rd tubing. Pick up and TIH with Reda submersible (DN2150) pump, #4 flat electric cable, and 218 joints tubing. Pump is from 6900' - 6995'. Cable is banded to tubing 3 times per joint. ND BOP. NU well head. SWI, SDON. Will take delivery of free water knock out and 6 X 20 treater 2/21/01.

2/21/01 RD Aries well service. Continue construction of tank battery. Take delivery of free water knock out and 6 x 20 treater.

02/22/01 SD waiting on electric company.

03/05/01 SPS began tie in on primary source.

03/06/01 Tie in power drive unit for Reda pump. Put on line. Check for leaks and adjust equipment. Static BHP at pump after being shut in 14 days at 2340 psi. Produced 741 BW + 256 BO + 50 MCF in 12 hours. Producing BHP at 872 psi at 6:00 am 3/7/01. Action Safety breathing air trailer on location. Two 500 bbl oil stock tanks in service. Four 500 bbl frac tanks for water storage.

03/07/01 Produced 222 BO + 1340 BW + 66 MCF in 27 hours. Pump intake pressure at 10:00 am 3/8/01 is 745 psi.

03/08/01 195 oil, 51 MCF, 1760 water, 726 BHP

03/09/01 210 oil, 51 MCF, 1760 water, 35 tubing pressure, 726 BHP

03/10/01 191 oil, 44 MCF, 1247 water, 40 tubing pressure, 684 BHP

03/11/01 196 oil, 40 MCF, 1370 water, 40 tubing pressure, 661 BHP

03/12/01 171 oil, 35 MCF, 1242 water, 631 BHP

03/13/01 160 oil, 34 MCF, 1331 water, 637 BHP

03/14/01 141 oil, 30 MCF, 1082 water, 412 BHP. Down 2.5 hours, electricians

03/15/01 133 oil, 27 MCF, 1311 water, 403 BHP

03/16/01 124 oil, 23 MCF, 1272 water, 388 BHP

03/17/01 124 oil, 23 MCF, 1170 water, 378 BHP

03/18/01 33 oil, 14 MCF, 125 water, 1796 BHP. DOA at 6:00 pm, started at 8:30 am.

03/19/01 116 oil, 16 MCF, 846 water, 366 BHP

03/20/01 83 oil, 18 MCF, 1595 water, 357 BHP

03/21/01 82 oil, 17 MCF, 1215 water, BHP 383. Flaring gas at 6:00 pm

03/22/01 102 oil, 12 MCF, 1139 water, BHP 362.

03/23/01 41 oil, 0 MCF, 1433 water, 358 BHP, down 1 hour

03/24/01 58 oil, 3 MCF, 1143 water, 376 BHP

03/25/01 58 oil, 9 MCF, 1283 water, 381 BHP

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03/26/01	53 oil, 9 MCF, 1241 water, 384 BHP
03/27/01	57 oil, 7 MCF, 1105 water, 357 BHP
03/28/01	52 oil, 8 MCF, 1244 water, 359 BHP
03/29/01	50 oil, 9 MCF, 1212 water, 333 BHP
03/30/01	47 oil, 8 MCF, 1341 water, 388 BHP
03/31/01	64 oil, 9 MCF, 1350 water, 363 BHP
04/01/01	33 oil, 8 MCF, 1252 water, 357 BHP
04/02/01	38 oil, 9 MCF, 1012 water, 333 BHP
04/03/01	44 oil, 9 MCF, 1247 water, 318 BHP
04/04/01	40 oil, 9 MCF, 1107 water, 316 BHP
04/05/01	55 oil, 9 MCF, 1317 water, 346 BHP
04/06/01	11 oil, 6 MCF, 331 water, 166 BHP, DOA 18 hours
04/07/01	30 oil, 4 MCF, 1258 water, 46 BHP
04/08/01	28 oil, 6 MCF, 1283 water, 47 BHP
04/09/01	28 oil, 6 MCF, 1159 water, 455 BHP
04/10/01	50 oil, 7 MCF, 1065 water, 445 BHP
04/11/01	31 oil, 5 MCF, 1062 water, 344 BHP
04/12/01	28 oil, 4 MCF, 1094 water, 465 BHP
04/13/01	45 oil, 8 MCF, 1216 water, 277 BHP
04/14/01	39 oil, 8 MCF, 1272 water, 274 BHP
04/15/01	39 oil, 8 MCF, 1264 water, 274 BHP
04/16/01	32 oil, 6 MCF, 1073 water, 257 BHP
04/17/01	34 oil, 6 MCF, 1282 water, 252 BHP
04/18/01	44 oil, 5 MCF, 1180 water, 112 BHP, sped up Reda to 54 Hz at 9:00 am, 4/17/01, and slowed it down to 53 Hz at 7:30 am, 4/18/01.
04/19/01	37 oil, 6 MCF, 1401 water, 156 BHP
04/20/01	36 oil, 8 MCF, 1292 water, 156 BHP
04/21/01	9 oil, 5 MCF, 583 water, 1642 BHP, DOA
04/22/01	30 oil, 3 MCF, 717 water, 80 BHP
04/23/01	26 oil, 4 MCF, 1675 water, 99 BHP
04/24/01	27 oil, 3 MCF, 1249 water, 148 BHP. SWI 4/24/01 to evaluate options.
04/25/01	8 oil, 4 MCF, 375 water, turned off
04/26/01	Shut down
05/11/01	MIRUPU. ND wellhead with Reda cable and NU BOP. POH with 218 joints tubing. Laid down sub equipment. Sent cable to shop for inspection and to add 600'. RU Jarrel Services. RIH with 5-1/2" gauge ring to 7800'. RIH with 5-1/2" Howco 10K CIBP and set at 7702'. Fluid level while running wireline was at 1000'. RD Jarrel. LWOTT, SDON. Perforations before CIBP: 7636-7693, 7710-7745, 7768-7790. Perforations after CIBP setting: 7636-7693. Contractor will build fire wall around tanks and vessel areas.
05/12/01	PU sub pump equipment with new motor flat. RIH with 218 joints in derrick. PU 17 joints off ground to lower pump. ND BOP, installed Reda wellhead and installed cable connector box. LWD, SN. Tubing Detail:
	Motors, prot, pumps 94.7
235 jts	2-7/8" EUE 8rd J-55 6.5# <u>7423.98</u>
235 jts	total tubing and tools 7518.68
	KB Correction <u>15.00</u>
	End of pump motors 7533.68
	Pump suction 7480.

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05/14/01 Start sub pump. RDMOPU. Initial reading 2080.

05/15/01 44 oil, 8 MCF, 1513 water, 655 BHP
05/16/01 28 oil, 7 MCF, 1367 water, 615 BHP
05/17/01 27 oil, 7 MCF, 1415 water, 593 BHP
05/18/01 31 oil, 7 MCF, 1395 water
05/19/01 27 oil, 7 MCF, 1035 water
05/20/01 25 oil, 7 MCF, 1854 water
05/21/01 31 oil, 7 MCF, 1320 water, 526 BHP
05/22/01 25 oil, 6 MCF, 1337 water, 525 BHP
05/23/01 28 oil, 6 MCF, 1639 water, 441 BHP
05/24/01 33 oil, 8 MCF, 1397 water, 418 BHP
05/25/01 28 oil, 7 MCF, 1307 water, 397 BHP
05/26/01 28 oil, 8 MCF, 1398 water, 396 BHP
05/27/01 31 oil, 6 MCF, 1361 water, 394 BHP
05/28/01 39 oil, 7 MCF, 1349 water, 392 BHP
05/29/01 20 oil, 6 MCF, 1054 water, 354 BHP
05/30/01 31 oil, 7 MCF, 1389 water, 267 BHP
05/31/01 28 oil, 7 MCF, 1359 water, 268 BHP
06/01/01 42 oil, 10 MCF, 1586 water, 205 BHP
06/02/01 37 oil, 13 MCF, 1404 water, 183 BHP
06/03/01 53 oil, 13 MCF, 1407 water, 183 BHP
06/04/01 47 oil, 12 MCF, 1421 water, 183 BHP
06/05/01 51 oil, 12 MCF, 1479 water, 182 BHP
06/06/01 50 oil, 12 MCF, 1270 water, 162 BHP
06/07/01 54 oil, 12 MCF, 1111 water
06/08/01 47 oil, 12 MCF, 1111 water
06/09/01 22 oil, 10 MCF, 1228 water
06/10/01 36 oil, 5 MCF, 1430 water
06/11/01 63 oil, 13 MCF, 1440 water, 161 BHP
06/12/01 44 oil, 13 MCF, 1329 water. MIRUPU. ND Reda wellhead. POH with tubing, laid down all sub equipment. SWI, SDON. Set in reverse unit equipment.

06/13/01 RIH with 4-3/4" bit, 4 3-1/2" DC, 2 check valves, 5 stands, bailer and tubing. Tagged **CIBP** at 7705'. PU swivel. Drilled and bailed on **CIBP** for 1 hour with plug falling. CIH with tubing to 9665' and tagged top of cement. POH with tubing, collars and tools. SWI, SDON.

06/14/01 Attempting to squeeze **perfs** at 7636-7790. RIH with 5-1/2" compression **packer**, SN, 234 joints tubing. Set packer at 7416'. Loaded annulus with 37 bbls FW. Estimate fluid level at 2434' from surface. Test annulus to 2500 psi - ok. Bled annulus to 1000 psi. Pumped 43 bbls FW in tubing with no pressure and tubing on vacuum. Pumped 150 sx class H with 2% **DO46** antifoam, 2% **SO65** dispersant, .2% **D167** fluid loss (sw 15.6 ppg, 1.19 cu ft/sx). Pumped all cement and 37 bbls of displacement with tubing on vacuum. Shut in for 30 minutes leaving 5 bbls cement in tubing and pumped 2 bbls. Shut in 30 minutes, pumped 4 bbls. SD 30 minutes and pumped to displacement to bottom **perf**. This is 2 hours into pump time of 2 hours, 30 minutes. During all pumping, the tubing was not loading and on a vacuum. Bled tubing/casing annulus to 200 psi. SWI, SDON.

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- 06/15/01 Attempting to squeeze **perf's** at 7636-7790. Pressured annulus to 1000 psi and test lines to 3000 psi. Pumped FW in tubing at 4 BPM with pressure increasing to 325 psi with 41 bbls away. Cut rate to 2 BPM pumping a total of 48 bbls. Mixed and pumped 100 sx class H neat (sw 15.6 ppg, yield 1.18 cu ft/sx). With 31 bbls displacement away, pressure increased to 400 psi at 1 BPM. SD for 30 minutes with 40 bbls displacement away. Opened tubing with tubing on vacuum for 6 minutes and 3 bbls away. Total displacement in 43 bbls. SD 30 minutes. Tubing on vacuum. 1 bbl in 1 min. SD 30 minutes. Open tubing for 7 minutes with tubing taking 8 bbls. Total displacement 52 bbls to bottom **perf**. SD for 2 hours. Opened tubing on vacuum and pumped 3 bbls at 2 BPM, 0 psi. SD with tubing on vacuum for 1 bbl. Mixed and pumped 100 sx class H with 1 pound/sx Kolite D42 + 50 sx class H neat (sw 15.6 PPG, yield 1.18 cu ft/sx). SD with 20 bbls displacement in with tubing on 1 BPM vacuum. Cut rate to 1 BPM to 1/4 BPM with 32 bbls away. SD. Tubing on vacuum for 1 bbl. Shut in with 33 bbls away. After 45 minutes tubing on vacuum. Shut in with 5 bbls and 38 bbls away. After 30 minutes, tubing on vacuum for 6 bbls and rate slowing with total 44 bbls away. After 10 minutes, opened tubing for 1 bbl with 45 away. Shut in. After 10 minutes, tubing on vacuum for 3 bbls with 486 bbls away and tubing loaded. Pumped 1/4 BPM increasing pressure in stages 875, 1538, 2536 psi and SD. Pressure falling to 2426 in 7 minutes with slight surface leak. Shut in at 4:40 pm CST. RD Schlumberger. SDON. Total cement into formation with 2 days of pumping is 380 sx leaving 20 sx in casing.
- 06/16/01 Tubing pressure 0 psi after 15 hours shut in on squeeze and casing holding 450 psi. Released **packer**, laid down 14 joints and POH with balance tubing. Laid down tools. RIH with bit collars and tubing. Tagged up at 7412. Displaced hole with FW. Tagged stringers of cement from 7412-7590'. Started drilling fair cement from 7590-7700 Circulated hole clean. Tested casing to 2500 psi with pressure falling to 1950 in 15 minutes. Decline rate dropped at end of test. Drilling fair cement to 7725 and encountered hard cement. Drilling to 7752. Circulate hole clean. Test casing to 2500 psi. Pumping 1/4 BPM into formation at 2500 psi. Drill to 7798 and fell out of cement loosing 4 bbls during drilling. Circulate hole clean loosing 5 bbls. Pressure test pumping 1.1 BPM at 1750 psi for 5 bbls. POH with 40 joints tubing. SWI, SDON.
- 06/18/01 FOH with tubing collars and bit. RIH with tubing to 7841'. RD Schlumberger. Pumped 49 bbls FW in tubing to start circulation. Displaced hole with 185 bbls to clean fluid. SD 20 minutes. Broke circulation with 2 bbls. Mixed and spotted 50 sx Class H with .2% D167, .2% D65, .2% D46 (sw 15.6 ppg, yield 1.19 cu ft/sx). Pulled 1500' tubing. Cement calculated height 7488-7841. After 1 hour, 50 minutes from mix time, loaded hole with 4.4 bbls. Displacement of tubing pulled was 3.4 bbls. Squeezed **perforations** 7637-7790 with 2 bbls to 2600 psi. RD Schlumberger. SDON. Left 2600 psi on tubing.
- 06/19/01 FOH with tubing. RIH with 4-3/4" bit, 5-1/2" casing scrapper, 4 3-1/2" DC and tubing. Tagged cement at 7536'. Drilling to 7700, pressured casing to 2500 psi. Pressure fell 50 psi in 10 minutes and holding. Drilling cement to 7752'. Pressured casing to 1600 psi - ok. Continue to pump with **perfs** taking fluid. Increased pressure to 2300 psi at 1 BPM **injection**. Pressure fell to 0 in 16 minutes. Drilling cement to 7850'. Pressured to 2200 psi pumping 1.3 BPM into **perfs**. Pressure fell to 0 psi in 6 minutes. Laid down swivel and POH with 20 stands tubing. SWI, SDON. Plan to spot 100 sx Class H with additives and squeeze cement earlier than previous attempts.

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- 06/20/01 FOH with tubing, collars, scrapper and bit. RIH with SN, tubing to 7841'. RU Schlumberger and loaded hole with 32 bbls FW. Continue to circulate hole with a total of 175 bbls FW. SD for 15 minutes. Broke circulation with 1 bbl. Mixed and pumped 100 sx Class H with .2% D46, .2% D65, .2% D167 (sw 15.6 ppg, yield 1.19 cu ft/sx). Spotted cement. POH with 2000' tubing and loaded hole with 4.4 bbls FW. This is one hour after cement mixing started. Start squeezing cement pumping .3 BPM. Pressure started building with 1.7 bbls away at 1880 psi. **Perfs** appeared to take some cement. Continued to pump with pressure climbing to 2630 psi with 2.8 bbls total water away. Pressure fell to 2609 in 1 hour. RD Schlumberger. Installed surface gauge in tubing with 2600 psi. SWI, SDON.
- 06/21/01 Tubing pressure 2250 psi. POH with tubing. RIH with 4-3/4" bit, 5-1/2" casing scrapper, 4 3-1/2" DC and tubing. Tagged cement at 7018'. RU and drill cement to 7423'. Circulate hole clean and SDON.
- 06/22/01 Drilling cement to 7700'. Test squeeze to 2500 psi - ok. Drilling to 7750' and test squeeze to 2500 psi - ok. Drilling to 7850 and fell out of cement. Test to 2500 psi, after 5 minutes 2150 psi, 10 minutes 1900 psi, 15 minutes 1750 psi, 22 minutes 1600 psi. **Perforations** 7636-7790'. POH with tubing collars, scrapper, and bit. SWI, SD.
- 06/25/01 RIH with SN and tubing to 7841'. RU Schlumberger and displace hole with 175 bbls FW. Batch mix 30 sx SqueezeCRETE cement blend D966 (sw 14 ppg, yield 1.37 cu ft/sx). Spotted 7 bbls of cement. POH with 50 joints tubing. Cement height 7841-7540'. Started squeeze 2 hours after mixing cement. Loaded hole for displacement of tubing. Pressured to 2550 with 2.6 bbls. Pressure held for 15 minutes and started bleeding off. Pressure fell to 1835 in 18 minutes. Pressured to 2550 with .5 bbls and bleeding to 1584 in 43 minutes. Pressured to 2560 with .75 bbls and pressure fell to 2050 in 38 minutes. SWI, SD for 48 hours.
- 06/26/01 SITP 1800. Shut in after casing squeeze. SITP at 8:00 am 06/27/01, 1750 psi.
- 06/27/01 POH with tubing and SN. RIH with new 4-3/4" bit, 5-1/2" casing scrapper, 4 3-1/2" DC and tubing. Tagged TOC at 7689'. Drilled cement to 7700 and tested to 2500 psi - ok. Drilled to 7754. Tested casing to 2450 psi. Lost 750 psi to 1700 in 10 minutes. Drilled to 7860 falling out of good cement. CIH to 7913'. Tested casing to 2500 psi. Lost 1000 psi to 1500 in 12 minutes. RU reverse equipment and POH with 30 stands of tubing. SWI, SDON.
- 06/28/01 FOH with tubing. RIH with 5-1/2" BJ Compression **packer**, SN and 236 joints 2-7/8" tubing. Set **packer** at 7476'. RU swab and made 6 runs to SN. No fluid entry. Shut down 1 hour. Made run and did not tag any fluid. SDON.
- 06/29/01 Continue swab. FL first run is 460' above seating **nipple** at 7488. Swab dry in two runs. Wait one hour. Find 20-30' fluid entry. Wait 2 hours. Find 70' fluid above SN (no recovery). Wait 2 hours. Find 120' fluid above SN. SWI, SDON.
- 06/30/01 Continue fluid level check. FL first run is 440' above SN. (17 hours since last check.) Wait 2 hours. Find fluid 450' above SN. Wait 2 hours. Find fluid 460' above SN. SWI, SDON.
- 07/02/01 Continue fluid level check. FL first run is 1150' above SN at 7488. Wait two hours. Find 15' fluid entry. Wait 2 hours. Find 1180' fluid above SN (no recovery). Release **packer**. TOH with same. SWI, SDON.

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**Cooper 3 #6
Lea Co., NM**

**API #30-025-35204
Sec. 3, T-20S, R-37E**

- 07/03/01 TIH w/ 4-3/4" bit, SCG scraper, 4 3-1/2" DC and 2-7/8" tbg. RU swivel. Rotate through debris to 9665'. Circ csg capacity w/ 2% KCL. Drill remainder of **CIBP** (originally @ 7702'), cmt, and **CIBP** @ 9680'. Good oil & gas show when **CIBP** was drilled and fluid circulated to top. CIH to 9850'. TOH w/ tbg & Tools to 7000'. SWI. SD for July 4th.
- 07/05/01 COH with tbg & tools. Wait on wireline. RU Baker Atlas. TIH with 4-1/2 gauge ring to 9825'. TOH with same. TIH with Howco E-Z drill 10K **CIBP** set at @ 9795'. TOH w/ wireline. Cap **CIBP** with 10' cement in 1 run with wireline dump bailer. New **PBTD** @ 9765'. RD Baker Atlas. SWI SDON.
- 07/06/01 RU AAA tubing testers. Attempt start in hole with **packer**. Find drag blocks installed wrong. Wait on new **packer** from BJ 3 hours. Pick up and test in hole with 2.312" F **nipple**, 1 joint 2-7/8" tubing, 2-7/8" x 5-1/2 Arrow 1X 10K **packer**, 234 joints 2-7/8" J-55 tubing, 74 joints 2-7/8" L-80 tubing (test J-55 to 6500 psi, L-80 to 9500 psi). Set **packer** at 9755'. Load tubing with 11 bbls 2% KCL. Test **packer** and **CIBP** to 6000 psi for 10 minutes - ok. Release pressure. Release **packer**. TOH and set **packer** at 9582' in 22 points compression. Test annulus and **packer** to 1500 psi. Load tubing and pump into **perfs**, 9729-50', 1/2 BPM at 2900 psi. Tubing pressure is 1600 psi after 90 seconds. ND BOP. NU tree. Test connections to 5000 psi. SWI, SDON.

Tubing detail:

68 jts	2-7/8 L-80 6.5# EUE 8rd tubing	2117.36
234 jts	2-7/8 J-55 6.5# EUE 8rd tubing	7424.06
	On/off tool with 2.312 F profile	1.50
	Arrowset 1X 10K packer	7.30
1 jt	Ditto tubing	31.76
	2.312 F Profile	<u>0.96</u>
303 jts	total tubing and tools	9582.94
	KB Adjustment	<u>16.00</u>
	EOT	9598.94

- 07/09/01 RU Dowell **frac** equipment. RU TSI tree saver. Load tubing with 10.5 bbls water (FL at 1800' - BHP in Simpson McKee **perforations** 9729-50 is 3470 psi). Pumped 7000 gals 35 lb gaur gelled water at approximately 18.5 BPM at 8150 psi. Performed step rate test at end of 7000 gals. SWI for approximately 40 minutes while recording data. Final rate and pressure for step rates were 10.5 BPM at 6410 psi, 6.1 BPM at 5680 psi, ISIP at 4825, 5 min 4650, 10 min 4595, 15 min 4540, 30 min 4410, 40 min 4340. **Frac** Simpson/Mckee **perforations** 9729-9750 with 29000 gals 35 lb borate xlink and 41000 lbs sand down 2-7/8" tubing as follows:
- | | |
|---|----------|
| 6000 gallons 35 lb borate crosslink | 16.2 BPM |
| 2000 gallons 35 lb borate crosslink with 0.50 ppg 40/70 AFB | 16.2 BPM |
| 4000 gallons 35 lb borate crosslink | 16.2 BPM |
| 2000 gallons 35 lb borate crosslink with 0.50 ppg 40/70 AFB | 16.2 BPM |
| 3000 gallons 35 lb borate crosslink with 1.00 ppg 40/70 AFB | 16.2 BPM |
| 3000 gallons 35 lb borate crosslink with 2.00 ppg 40/70 AFB | 16.2 BPM |
| 3000 gallons 35 lb borate crosslink with 3.00 ppg 40/70 AFB | 16.2 BPM |
| 2000 gallons 35 lb borate crosslink with 3.00 ppg 20/40 ISP | 16.2 BPM |
| 2000 gallons 35 lb borate crosslink with 3.50 ppg 20/40 ISP | 16.2 BPM |
| 2000 gallons 35 lb borate crosslink with 4.00 ppg 20/40 ISP | 16.2 BPM |

Flush with 2394 gals 35 lb gaur gelled water. Final rate and pressure at 6 BPM at 7150 psi. ISIP 6350, 5 min 6140, 10 min 6015, 15 min 5865, 180 min 4900. 914 BTL. RD **frac** equipment. RU flowback equipment. Open well to tank at 3:00 pm. Flow 281 BW in 14

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- hours. Well flowing 3.4 BWPH at report time 7/10/01. Preparing to swab. Recovered 281 BW of 914 BTL. 683 BTLLTR.
- 07/10/01 Well is slightly flowing to test tank. RIH with swab. IFL surface. Swab 100 BLW in 5 hours and 19 runs. EFL at 7100'. Pulled from 8100'. RDMOPU. MIRUSU with 2 hours change out time. RIH with first swab. Found FL at 6200'. Started out of hole with sand line. Line parted, leaving estimated 3500' line in tubing. Ran 2 bar prong tool and recovered 4 cups of inner rope core. RIH with 3 bar prong tool. Tagged top of line at 5184'. Did not recover any sand line. RIH with barbed spear and recovered 500' sand line. LWOTT, SDON. 381 BTLR of 914 BTL. 533 BTLLTR.
- 07/11/01 RDMOSU. MIRU Key pulling unit. ND tree, pulled wrap-around and installed BOP. Released **packer** and POH with tubing and **packer**. No sand line was recovered. SWI, SDON. 381 BTLR of 914 BTL. 533 BTLLTR.
- 07/12/01 RIH with center spear with wire grabs, stop ring, bumper sub with circulating port and tubing. Tagged sand line at 7300'. Fished line with 2 point weight gain. POH with tubing and recovered 200' sand line. RIH with same tools and 200 joints tubing. SWI, SDON. Fishing tools and supervision provided by Cagle Fishing Tools. Key supervision on location. 381 BTLR of 914 BTL. 533 BTLLTR.
- 07/13/01 FIH with tubing. Engaged fish at 7410'. Worked line with line parting. POH with tubing and tools. Recovered 150' of sand line. RIH with tools and tubing. Engaged line at 7540'. Pulled 8 points over with line parting. POH and recovered 250' of sand line. RIH with 200 joints. SWI, SDON. 381 BTLR of 914 BTL. 533 BTLLTR.
- 07/14/01 FIH with tubing. Engaged fish at 7750'. Worked line with 13 points over pull. Line parted. POH with 30' of line recovery. RIH with tubing and tools. Engaged line at 7790'. Pulled and worked line up to 16 points over pull with line parting. POH with 30' recovery. RIH with 2000' of tubing. SWI, SDON.
- 07/15/01 FIH with tubing. Engaged fish at 7885'. Line parted with 8 points over pull. POH with 10' of recovery. RIH with 3000' of tubing. SWI, SDON.
- 07/16/01 FIH with tubing. Engaged fish at 7900'. Line parted with 16 points over pull. POH with 60' of recovery. RIH with tools and tubing. Engaged fish at 7985'. Pulled 16 points over weight with line parting. POH with tubing and recovered 10' of sand line. RIH with tools and tubing. SWI, SDON.
- 07/17/01 FIH with tubing. Engaged fish at 7990'. Line parted with 16 points over pull. POH with 225' of recovery. RIH with tools and tubing. Engaged fish at 8230'. Pulled 14 points over weight. Left weight pulled on line overnight. SWI, SDON.
- 07/18/01 Weight is still pulled into sand line. Pulled a total of 16 points and line parted. POH with tubing and recovered approximately 1500' line. The three marker flags were on the bottom line. RIH with grapple, 1 joint tubing, bumper sub, and tubing. Engage top of sinker bars at 9748'. Pulled 12 points with fish pulling free. POH with 40 stands of tubing. SD due to high winds. SWI, SDON.

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07/19/01 POH with tubing and tools. Found iron sulfide and small pieces of sand line in tools. RIH with 4-3/4" overshot with finger basket extension and bulldog bailer. Tagged up at 9748'. Bailed to 9752' with tubing sticking. Pulled 34 points over to pull loose. Pulled up hole with some drag. POH with 40 stands tubing. SD due to lightning.

07/20/01 POH with tubing and tools. Found 20' sand line in fishing tools. RIH with 4-3/4" overshot with finger basket, 1 joint wash pipe and tubing. Ran tubing in hole leaving 6 stands out. SWI, SDON.

07/23/01 FIH with tubing. Tagged fill at 9748'. PU swivel and wash to 9758'. Cut to 9765 with cement returns. Circulate hole clean. POH with tubing. Finger basket had 1 grab missing and 3 grabs pulled down. RIH with clulow socket and tubing. Stopped with 20 joints out. SWI, SDON.

07/24/01 FIH with clulow socket and tubing. Engaged fish at 9765'. Pulled 32 points over to free sinker bars. POH with tubing and recovered sinker bars. The swab mandrel had pulled off the attaching socket. Left the swab mandrel in the hole. RIH with SN and 303 joints of tubing. Installed tree and RDMOPU. A swab unit will rig up 7/25/01.

07/25/01 MIRUSU. IFL 200'. Made 21 runs. Recovered 120 BW. EFL 4100'.

07/26/01 IFL at 3800'. Made 17 runs. Recovered 93 BW. EFL 6300'. All fluid was water.

07/27/01 IFL at 6000'. Made 16 runs. Recovered 78 bbls water. EFL 7500'. All fluid was water.

07/28/01 Tbg on a vacuum and tbg csg annulus has 24 psi. IFL at 4200'. Made 17 runs. Recovered 56 bbls water. EFL 8700'. All fluid was water.

07/30/01 CP 25, TP 5. IFL 6800'. Recovered 72 BW and 5 BO. EFL 8700'.

07/31/01 CP 30, TP light blow. IFL 730'. Made 10 runs. Recovered 58 BO. EFL 8900'. CP 30, TP 20 on 19/64 choke. Total oil in the tank is 67 bbls.

08/01/01 IFL 8000'. Made 11 runs. Recovered 24 BO + 4 BW. EFL 9100'. CP 40, TP 5.

08/02/01 CP 35, TP 0. IFL 8500. Made 9 runs. Recovered 15 BO + 5 BW. EFL 9100'. LWOTT, SDON.

08/03/01 CP 25#, TP 5#. IFL 8400'. Made 10 runs. Recovered 30 BO + 9 BW. EFL 9000'. 5# blow behind run.

08/06/01 CP 35#, TP 5#. IFL 7300'. Made 14 runs. Recovered 46 BO + 8 BW. EFL 8700'. There is a 10 psi blow after each swab run.

08/07/01 CP 30#, TP 5#. IFL 8400'. Made 10 runs. Recovered 25 BO + 5 BW. EFL 8700'.

08/08/01 CP 35#, TP 0#. IFL 8700'. Made 10 runs. Recovered 22 BO + 3 BW. EFL 9100'. Left well on a 9/64 choke with 10 psi on tubing.

08/09/01 CP 35#, TP 0#. IFL 8700'. Made 10 runs. Recovered 20 BO + 2 BW. EFL 9100'.

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08/16/01 Evaluating rod detail

08/28/01 MIRUPU. Tbg pressure 0psi. Open to tank. Csg pressure 450 psi. Bled annulus to tank. ND tree, NU BOP. POH with tubing. Pulled 303 joints 2-7/8 J-55 and L-80, 9580'. LWOTT, SDON.

08/29/01 RIH with BP mud joint, 4' **perf** sub, 2-7/8" mech seating shoe, 5-1/2" x 2-7/8" TAC, 234 joints 2-7/8" EUE 8rd J-55, 70 joints 2-7/8" EUE 8rd L-80 tubing. ND BOP, set TAC with 22" 13 points tension and installed 7-1/16" 5K tubing hanger. RIH with 2-1/2" x 1-1/4" x 20' RHBM HW Nye-carb bbl, DV standing, SV traveling with 1-1/4" x 6' SM plug SS trim, max stroke 151", fishing neck 1-1/2", 3/4" x 1' lift sub, 16 - 3/4" D rods, 249 - 3/4" D rods. LWOTT, SDON.

08/30/01 FIH with 117 7/8" D rods, 4' and 2' 7/8" D subs, 1-1/2" x 22' PR with 1-3/4" x 12' liner. Loaded tubing with 12 bbls KCL, spaced pump 22" off bottom, pressured tubing to 500 psi. Stroked pump to 500 psi - ok. RDMOPU. Weatherford set a 228 pumping unit. Roustabout crew built wellhead flowline.

Tubing Detail:

2-7/8" EUE 8rd J-55 mud joint with BP	31.30
2-7/8" EUE 8rd J-55 perf sub	4.10
2-7/8" Mech seating shoe with 1" x 16' gas anchor below	0.82
5-1/2" x 2-7/8" Mod B TAC with 45 points shear	2.75
304 jts 2-7/8" EUE 8rd J-55 and L-80	<u>9618.70</u>
304 jts total tubing and tools	9657.67
KB Correction	<u>12.00</u>
EOT	9669.67

08/31/01 Electricians installed power to pumping unit. Roustabout crew connected the water line to a test tank. Started unit at 5 SPM with 74" stroke length.

09/02/01 5 oil, 4 MCF, 0 water

09/03/01 12 oil, 4 MCF, 0 water

09/04/01 Well not pumping. MIRUPU. Remove 2' 7/8" rod sub. Installed 6' 7/8 sub. Longstroked pump. Re-spaced with 14" off bottom. Left well pumping.

09/05/01 Well is not pumping. Lowered rods and longstroked pump. Well pumped for 1 hour and gas locked. POH with rods and pump. Sent pump to shop for R & R. Electricians finished power installation. SDON.

09/06/01 RIH with converted pump. Load tubing with 15 bbls. Well pumped for 1-1/2 hours and quit. Longstroked. Poor pump action. POH with rods and pump. Sent pump to shop. Start swab. IFL at 2600'. Made 7 runs with FL at 3600'. On the 8th run, well started flowing. Let well unload to tank. LWOTT, SDON. Pump shop found heat marks on plunger. Showing signs of gas locking.

09/07/01 0 oil, 0 MCF, 0 water

09/07/01 Started swabbing. IFL 4000'. Made 7 runs total, recovered 40 bbls oil and water. EFL scattered and pulling from 7000'. RIH with pump and rods. Pump has one standing valve removed. Loaded tubing with 30 bbls 2% KCL and pressured to 500 psi - ok. Stroked pump to 500 psi - ok. Left unit running and SDON.

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09/08/01 81 oil, 1 MCF, 64 water
09/09/01 28 oil, 10 MCF, 0 water

09/10/01 Well quit pumping 09/09/01. Production was zero overnight. Longstroked pumps with pulling unit. Pump would move fluid several strokes and stop. Changed motor sheave and increased stroke to 8.9 SPM. Longstroked pump with gas locking and possible sticking. Spaced pump in several spots without any improvements. POH with rods and pumps. Pump took 12-15 points to unseat the mechanical seating **nipple**. Plunger was hard to stroke back in the bbls. ND wellhead, released TAC. NU BOP. SDON.

09/11/01 POH with tubing. Found 2' sand in the mud joint. Pump shop found slight fine sand in the pump. Returned 3-1/2" gas separator to shop for changes. Running tubing 09/12/01.

09/12/01 RIH with 2-7/8" EUE 8rd J-55 BP mud joint, 3-1/2" x 16.9 gas separator, 5-1/2" x 2-7/8" dummy TAC, 2-7/8" 3 slotted seating **nipple**, 2-7/8" mech seating shoe, 5-1/2" x 2-7/8" Mod B TAC, 45 K shear and balance tubing. Gas anchor below mech seating shoe (1" x 13' pipe with 1" x 3' Johnson sand screen). ND BOP, set TAC with 24" or 13 points tension, NU wellhead. RIH with 2-1/2" x 1-1/4" x 20' HVR, bottom discharge pump, right hand release shear tool, and rods. Loaded tubing with 12 bbls 2% KCL, pressured to 500 psi - ok. Stroked pump to 500 psi with good action. Set unit running with 350 - 400 psi backpressure on the tubing. Top 54 rod boxes showed rod wear. Replaced boxes and added 3 rod guides per rod.

09/13/01 3 oil, 0 MCF, 17 water. Well not pumping. Longstroked. Unable to get pump to pump. POH with rods and pump. RU swab. IFL 3500'. Made 10 runs. EFL 6800' and scattered. Recovered 66 BTF. SDON

09/14/01 64 oil, 0 MCF, 22 water, tbg pressure swabbed. Swabbed well. Initial FL 6000. Ending FL 9000. Made 6 runs. RIH with 2.5" X 1.5" X 19' Posi pump and rods. Loaded tbg with 45 bbls of oil. Spaced pump 7" from top. Pressure tbg to 500, okay. Stroke pump to 500, okay. Changed motor sheave. Unit running 5.3 strokes per minute. Left well pumping.

09/15/01 0 oil, 0 MCF, 0 water, Recovering oil
09/16/01 17 oil, 2 MCF, 6 water
09/17/01 16 oil, 9 MCF, 3 water
09/18/01 23 oil, 6 MCF, 0 water
09/19/01 22 oil, 8 MCF, 0 water
09/20/01 20 oil, 5 MCF, 0 water
09/21/01 17 oil, 4 MCF, 0 water
09/22/01 8 oil, 3 MCF, 0 water
09/23/01 15 oil, 3 MCF, 0 water
09/24/01 14 oil, 3 MCF, 0 water
09/25/01 11 oil, 3 MCF, 0 water
09/26/01 14 oil, 2 MCF, 0 water
09/27/01 14 oil, 3 MCF, 0 water
09/28/01 8 oil, 2 MCF, 0 water
09/29/01 9 oil, 2 MCF, 0 water
09/30/01 11 oil, 3 MCF, 0 water
10/01/01 14 oil, 3 MCF, 0 water
10/02/01 14 oil, 3 MCF, 0 water
10/03/01 8 oil, 3 MCF, 0 water
10/04/01 6 oil, 2 MCF, 0 water
10/05/01 0 oil, 0 MCF, 0 water, not pumping



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10/06/01	0 oil, 0 MCF, 0 water, not pumping
10/07/01	0 oil, 0 MCF, 0 water, not pumping
10/08/01	Well is not pumping. Pressured tubing with pump truck to 5 and 600 psi. Unable to get well pumping.
10/09/01	Not pumping
10/10/01	Well is not pumping. Earlier the tubing was loaded and pressured to 500 psi. Unable to get well pumping. MIRUPU. Longstroked pump with rods stacking out early on downstroke. Loaded tubing with 6 BW and pressured to 500 psi. Pump appeared to be pumping. SD.
10/11/01	The well is not pumping. Re-spaced pump without success. POH with rods and pump. The plunger was stuck open. The pump shop found scale on the 1-1/4" plunger. Scale is acid soluble. Pump had iron sulfide on plunger connections and seats. SWI, SDON.
10/12/01	IFL 3800'. Made 9 runs. EFL 8000'. Recovered 62 bbls.
10/13/01	IFL 6000'. Made 3 runs. EFL 7000'. Recovered 21 bbls. RIH with repaired pump. Spaced pump. Loaded tubing with 2% KCL. Pump 50 bbls. Tubing on vacuum. Re-spaced pump. Loaded tubing with 17 bbls 2% KCL. Pressured to 500 psi - ok. Re-spaced pump. Left unit pumping.
10/14/01	6 oil, 28 water
10/15/01	15 oil, 2 MCF, 20 water
10/16/01	25 oil, 7 MCF, 0 water
10/17/01	22 oil, 7 MCF, 0 water
10/18/01	22 oil, 5 MCF, 0 water
10/19/01	17 oil, 5 MCF, 0 water
10/20/01	20 oil, 4 MCF, 0 water
10/21/01	16 oil, 4 MCF, 0 water
10/22/01	17 oil, 4 MCF, 5 water
10/23/01	14 oil, 3 MCF, 6 water
10/23/01	11 oil, 3 MCF, 8 water
10/25/01	11 oil, 4 MCF, 3 water
10/26/01	14 oil, 3 MCF, 3 water
10/27/01	11 oil, 4 MCF, 3 water
10/28/01	14 oil, 3 MCF, 2 water. FINAL REPORT.

