District I - (505) 393-6161
1625 N. French Dr. Hobbs. NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 So. St. Francis Dr., Santa Fe, NM 87505

New Mexico Energy Minerals and Natural Resources Department

Form C-140 Revised June 10, 2003

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 (505) 476-3440

APPLICATION FOR WELL WORKOVER PROJECT\(\cdot \)

| Ι. | Operat | or and We | 11 | | | | | A | | | |
|-------------------------------|---|-------------------|---|----------------------|---------------------------|---|----------------------|----------|--|-----------------------------------|--|
| Operator name & address | | | | | | | | • | OGRID'N | lumber | |
| Four Star Oil and Gas Company | | | | | | | | | | | |
| 111 | 11 S. Wil | crest Hou | ston, Tx | 77099 | | | | | | | |
| | act Party | | | | | | | | Phone | | |
| | Ken Jackson | | | | | | | | 281-561- | | |
| | Property Name Schumacher | | | | | | Well Numl | ber | API Number 30-045-23495 | | |
| UL | Section | Township 30N | Range 10W | Feet From The 790 | North/South Line North | Feet F | rom The | | Vest Line | County | |
| <u>D</u> | 18 | L | 1000 | 790 | NOTE | 790 | | West | ······································ | San Juan | |
| II. | Workover | Commenced | Previo | us Producing Pool/s |) (Prior to Workover) | · | ·· ······ | | | | |
| 1/30 | | 00111111011000 | | o-Mesa Verde | y (i noi to trontoro) | ,. | | | | | |
| | | Completed: | | | | | | | | | |
| <u> 2/13</u>], | | a deceripti | on of the | Workover Pres | aduras parforms | d to ir | orooo n | roduoti. | | | |
| 111. IV. | | | | | edures performe | | | | | rior to the workover and at least | |
| IV. | | | | | orkover reflecting | | | | | | |
| V. | AFFID | • | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ar ronowing and w | romovor romoodii | ig a po | onivo pro | adolloi | i inorcus | . | |
| | | of Tex | as |) | | | | | | | |
| | | | |) ss. | | | | | | | |
| | Cou | nty of <u>Har</u> | rris | <u> </u> | | | | | | | |
| | | <u>ark Hinton</u> | | , being first du | ly sworn, upon o | ath sta | ates: | | | | |
| | 1. | | | | d representative | | | | | | |
| | 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 Wellare complete and accurate. | | | | | | | | | | |
| | (| 1 | 1 | /: | accarato. | | | | | 1 | |
| Sigi | nature 🔀 | Mark. | 11/7 | whom | _ Title <u>Tecl</u> | <u>nnical</u> | Team Lea | ader | | Date 8 28 2003 | |
| E-m | nail Addre | ss MPH | l@chevr | ontexaco.com | | | | | | | |
| | | | | O before me this | s 28 th day of | Augi | ust | | 20 03 | | |
| | | | | 1 | ORI L GETTEL | | | , | | | |
| | | | 9 | AND PRO | Natary Public | | 10 | , | $\rightarrow U$. | A | |
| | | | 9 | S S | tate of Textootary | Public | ; X., | | I H | n++: / | |
| My | Commiss | ion expire | s: | | commission Expires | | 10 | C O | 7.12 | tue. | |
| | | | | Set Set | otember 21,2004 | | | | | | |
| FOR C | OIL CONS | ERVATION | DIVISIO | N USE ONLY: | | *************************************** | | | | | |
| VI. | | FICATION | | | | | | | | | |
| | 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 | | | | | | | | | | |
| | Taxatio | on and Rev | venue D | epartment of this | Approval and co | ertifies | that this ' | Well W | 'orkover | Project was completed on | |
| | | 210 | <u> </u> | , 20 <u>0</u> 5 | | | | | | | |
| Sign | ature Distri | ct Supervisor | • | _ , | OCD Distr | ict | | Dat | e | | |
| | | | | 256 | _ | | 7 | | -1. | / | |
| L | | | | J/1 X | | - | <u>ノ</u> | | 2/6 | /07 | |

1/30/03

MIRU KEY RIG #39, AND MOUNTAIN AIR DRILLING SERVICES. WELL FLOWING 60 MCF @ 200# THIS AM. BLED DOWN. ND WELLHEAD. NU BOP W/6" BLOOIE LINE. TOOH W/ 158 JTS. 2-3/8" EUE J-55 TBG.(4961'). PU 3-7/8" BIT, BIT SUB, AND TIH W/2-3/8" EUE J-55 TBG. TO SAND @ 4965'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). SMALL AMOUNT OF GAS AND WATER W/ SAND. PUIC. HOOK WELL UP TO SALES LINE FLOWING 75 MCF @ 200#. SDFN. D-\$4000, T-\$4000, DAY-1.

1/31/03

WELL FLOWING 110 MCF @ 200# THIS AM. RIH AND TAG FILL @ 5111'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). SMALL AMOUNT OF GAS AND WATER W/ NO SAND. TOOH. PU 4-1/2" CASING SCRAPER AND TIH W/ 2-3/8" EUE J-55 TBG. TO P.B.T.D.(5154'). TOOH AND LD CASING SCRAPER. HOOK WELL UP TO SALES LINE FLOWING 75 MCF @ 200#. SDFN. D-\$4500, T-\$8500, DAY-2.

2/01/03

WELL FLOWING 110 MCF @ 205# THIS AM. RIG DAY OFF.

2/02/03

WELL FLOWING 110 MCF @ 205# THIS AM. RIG DAY OFF.

2/03/03

WELL FLOWING 110 MCF @ 205# THIS AM. BLED DOWN. RU BLUE JET WIRELINE SERVICES. RIH W/ BLUE JET 40 ARM CALIPER / MIT TOOL AND LOG FROM P.B.T.D.(5154') TO SURFACE. CASING LOOKS GOOD. RD BLUE JET WIRELINE SERVICES. HOOK WELL UP TO SALES LINE FLOWING 80 MCF @ 205#. SDFN. D-\$7500, T-\$16,000, DAY-3.

2/04/03

WELL FLOWING 110 MCF @ 210# THIS AM. RIH AND TAG FILL @ 5144'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). SMALL AMOUNT OF GAS AND WATER W/ NO SAND. TOOH. RU SCHLUMBERGER WIRELINE SERVICES. PERFORATE POINT LOOKOUT MESA VERDE W/ 2 SPF USING 3-1/8", 0.41 DIAMETER HOLE GUNS CONTAINING PROSPECTOR CHARGES AS FOLLOWS: 5104'-5108', 5088'-5094', 5060'-5072', 5052'-5054', 5034'-5044', 5004'-5022', (52'). RD SCHLUMBERGER WIRELINE SERVICES. EXSISTING PERFORATIONS ARE AS FOLLOWS: 4955'-4961', 4967'-4970', 4974'-4993'. SION. D-\$10,000, T-\$26,000, DAY-4.

2/05/03

80# ON WELL THIS AM. RU PROTECHNICS. RU HALLIBURTON. PUMP 1000 GALLONS 15% HCL ACID. FOAMED SLICK WATER FRAC @ 76.4 BPM W/ AN AVG. WHTP OF 1574 PSI., AND A MAX. WHTP OF 2025 PSI. W/ 61,368 GALLONS WATER, 1,393,000 SCF NITROGEN, AND 110,000# 16/30 BRADY SAND. ISIP - 61 PSI., WENT ON VACUMN BEFORE 5 MINUTES. TOTAL LOAD TO RECOVER IS 1577 BBLS. RD HALLIBURTON. RD PROTECHNICS. RU SCHLUMBERGER WIRELINE SERVICES. RIH W/ 4-1/2" COMPOSITE BRIDGE PLUG AND SET @ 4950'. PERFORATE MENEFEE MESA VERDE W/ 2 SPF USING 3-1/8", 0.41 DIAMETER HOLE GUNS CONTAINING PROSPECTOR CHARGES AS FOLLOWS: 4938'-4942', 4930'-4934', 4918'-4922', 4908'-4912', 4872'-4896', 4856'-4860', 4844'-4848', 4834'-4838', 4802'-4824', 4782'-4790', 4764'-4766', 4704'-4706', 4689'-4691', 4658'-4660', 4625'-4629', (94'). RD SCHLUMBERGER WIRELINE SERVICES. RU PROTECHNICS. RU HALLIBURTON. PUMP 1000 GALLONS 15% HCL ACID. FOAMED SLICK WATER FRAC @ 60.9 BPM W/ AN AVG. WHTP OF 1892 PSI., AND A MAX. WHTP OF 2244 PSI. W/ 143,448 GALLONS WATER, 1,708,000 SCF NITROGEN, AND 120,000#

16/30 BRADY SAND. ISIP - 1680 PSI., 5 MINUTES - 1498 PSI., 10 MINUTES - 1492 PSI., 15 MINUTES - 1490 PSI. TOTAL LOAD TO RECOVER IS 1399 BBLS. RD HALLIBURTON. RD PROTECHNICS. LEFT WELL FLOWING THRU 1/2" CHOKE UNTIL WELL LOG OFF. SDFN. D-\$130,000, T-\$156,000, DAY-5.

2/06/03

100# 0N WELL THIS AM. PU 3-7/8" BIT, BIT SUB, AND 2-3/8" EUE J-55 TBG. TO SAND @ 4890'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO TOP OF CBP @ 4950'. PU 2.5 POWER SWIVEL. BREAK CIRCULATION W/ AIR AND DRILL OUT CBP @ 4950'. LD 2.5 POWER SWIVEL. RIH AND TAG SAND @ 5064'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). LARGE AMOUNT OF GAS AND WATER W/ SAND. PUIC. SION. D-\$4000, T-\$160,000, DAY-6.

2/07/03

500# ON WELL THIS AM. BLED DOWN. RIH AND TAG SAND @ 5119'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). LARGE AMOUNT OF GAS AND WATER W/ SAND. PUIC. HOOK WELL UP TO SALES LINE FLOWING 300 MCF @ 200#. SDFN. D-\$4000, T-\$164,000, DAY-7.

2/08/03

WELL FLOWING 660 MCF @ 210# THIS AM. RIG DAY OFF.

2/09/03

WELL FLOWING 675 MCF @ 170# THIS AM. RIG DAY OFF.

2/10/03

WELL FLOWING 670 MCF @ 170# THIS AM. BLED DOWN. RIH AND TAG SAND @ 5139'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). LARGE AMOUNT OF GAS AND WATER W/ SAND. PUIC. HOOK WELL UP TO SALES LINE FLOWING 400 MCF @ 170#. SDFN. D-\$4000, T-\$168,000, DAY-8.

2/11/03

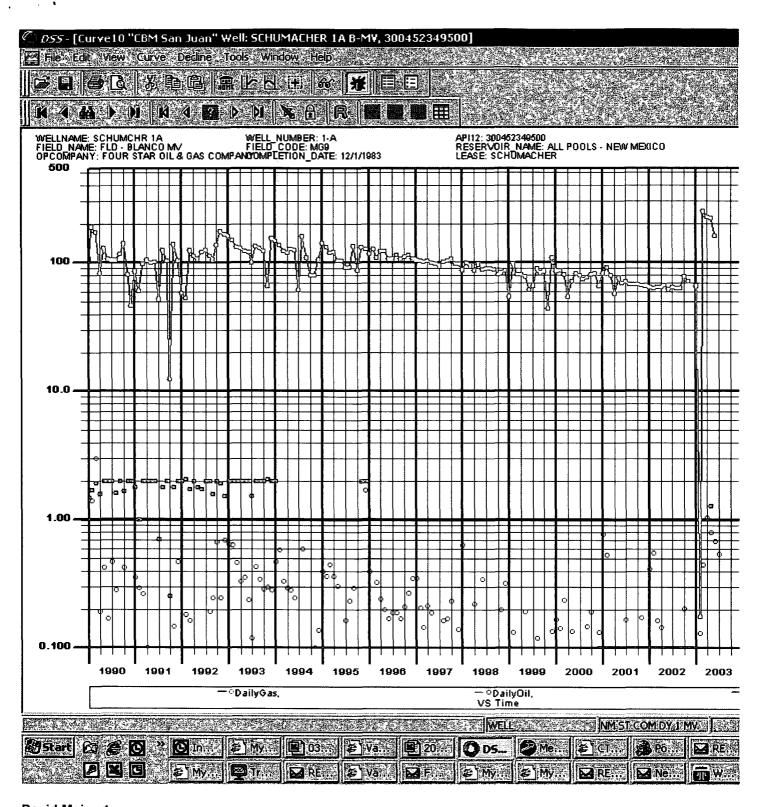
WELL FLOWING 665 MCF @ 170# THIS AM. BLED DOWN. RIH AND TAG SAND @ 5144'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). LARGE AMOUNT OF GAS AND WATER W/ SAND. PUIC. HOOK WELL UP TO SALES LINE FLOWING 400 MCF @ 170#. SDFN. D-\$4000, T-\$172,000, DAY-8.

2/12/03

WELL FLOWING 600 MCF @ 200# THIS AM. BLED DOWN. RIH AND TAG SAND @ 5149'. BREAK CIRCULATION W/ AIR AND CLEAN OUT SAND TO P.B.T.D.(5154'). LARGE AMOUNT OF GAS AND WATER W/ NO SAND. PUIC. HOOK WELL UP TO SALES LINE FLOWING 500 MCF @ 200#. SDFN. D-\$4000, T-\$176,000, DAY-9.

2/13/03

WELL FLOWING 600 MCF @ 200# THIS AM. BLED DOWN. RIH AND TAG NO SAND. TOOH AND LD 158 JTS. 2-3/8" EUE J-55 JUNK TBG.(4961') W/ BIT ON FLOAT. RIH W/ PRODUCTION STRING AS FOLLOWS: 163 JTS. 2-3/8" EUE J-55 NEW TBG.(5019'), 2-3/8" SEATING NIPPLE, 2-3/8" KNOTCH COLLAR. EOT IS 5033'. ND BOP. NU WELLHEAD. HOOK WELL UP TO SALES LINE FLOWING 400 MCF @ 200#. RDMO. D-\$4000, T-\$180,000, DAY-10. FINAL REPORT.



David Meinert

Petroleum Engineer ChevronTexaco 11111 S. Wilcrest Houston, TX 77099 tel (281)-561-4758

(281)-582-5263 fax

mail dpme@chevrontexaco.com

Schumacher #1A API #30-045-23495 Blanco Meseverde Field San Juan County New Mexico

| | Monthly Gas | Monthly Cond. |
|---------|-------------|---------------|
| | Production | Production |
| | | |
| 05/2003 | 6,896 | 24.88 |
| 04/2003 | 6,779 | 31.30 |
| 03/2003 | 7,800 | 13.88 |
| 02/2003 | 5 | 3.66 |
| 01/2003 | 2,055 | 0.00 |
| 12/2002 | 0 | 0.00 |
| 11/2002 | 2,150 | 0.00 |
| 10/2002 | 2,441 | 6.33 |
| 09/2002 | 1,925 | 0.73 |
| 08/2002 | 1,968 | 0.73 |
| 07/2002 | 2,029 | 0.73 |
| 06/2002 | 1,881 | 0.73 |
| 05/2002 | 2,075 | 2.93 |
| 04/2002 | 1,966 | 4.39 |
| 03/2002 | 2,022 | 5.15 |
| 02/2002 | 1,773 | 15.63 |
| 01/2002 | 1,999 | 12.88 |
| 12/2001 | 2,060 | 0.00 |