

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

(505) 476-3440

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT



I. Operator and Well							
Operator name & address XTO ENERGY INC. 2700 Farmington Ave, Suite K-1 Farmington, New Mexico 87401							
Contact Party MELISSA M OSBORNE, REGULATORY COMPLIANCE TECH							
Property Name Schwerdtfeger A <i>LS</i>							
Well Number 20							
API Number 30-045-06669							
OGRID Number 167067							
Phone (505) 566-7925							
County SAN JUAN							
UL G	Section 08	Township 27N	Range 08W	Feet From The 2080'	North/South Line N	Feet From The 1900'	East/West Line E

II. Workover	
Date Workover Commenced: 10/20/04	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 01/15/05	

- 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)
County of San Juan) ss.
Melissa M Osborne, 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 Melissa M Osborne Title REGULATORY COMPLIANCE TECH Date 07/15/2005

E-mail Address _____

SUBSCRIBED AND SWORN TO before me this 15th day of July, 20 05

Notary Public
Brenda Waller

My Commission expires: **JULY 27TH, 2008**

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 01-15, 20 05

Signature District Supervisor <u>Chad R...</u>	OCD District <u>AZTEC III</u>	Date <u>07-21-2005</u>
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- VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

XTO Energy Inc.

SCHWERDTFEGER A #20

RECOMPLETION MANCOS, POINT LOOKOUT, MENEFFEE & CLIFFHOUSE

- 10/20/04 Perfd Mancos formation at 6,768', 6,656', 6,652', 6,625', 6,545', 6,543', 6,534', 6,532', 6,530', 6,528', 6,478', 6,476', 6,474', 6,471', 6,469', 6,415', 6,398' & 6,320' w/1 JSPF (Owens HSC -3125-306, 12gm charges, 0.33" dia holes, 15.43" pene., 18 holes). RDMO
- 10/21/04 BD Mancos perf fr/6,320'-6,768' w/2% KCl wtr & establish IR @ 5 BPM & 2,800 psig. A. Mancos perms fr/6,320' - 6,768' w/800 gals 15% NEFE HCl ac dropping 27 - 7/8" RCN (1.3 SG) BS. Overdisplaced ac w/2 bbls KCl wtr. Balled out perms @ 3,594 psig. Surged balls off and cont ac job. ISIP 213 psig, 5" SIP 77 psig, 10" SIP 13 psig, vac 12".
- 11/11/04 Fracd Mancos perms fr/6,320' - 6,768' dwn 2-7/8" frac string, Schlumberger pkr @ 6,000' w/46,983 gals 65Q CO2 foamed 30# XL gelled, 2% KCl wtr (PurGel III) carrying 76,500# 20/40 Ottawa sd & 20,000# 20/40 Super LC RC sd (per wt slips). Max sd conc 4.37 ppg. Max TP 7,166 psig & 19.1 BPM. ATP 5,646 psig & 16.2 BPM. ISIP 312 psig, 5" SIP 124 psig, 10" SIP 111 psig, 15" SIP 97 psig. 476 BLWTR. 121 tons CO2 DH. 10 tons CD.
- 11/13/04 Perfd Point Lookout w/3-1/8" select fire csg gun w/1 JSPF @ 5,359', 5,325', 5,317', 5,298', 5,295', 5,282', 5,279', 5,277', 5,238', 5,236', 5,208', 5,206', 5,202', 5,198', 5,196', 5,194', 5,190', 5,188' (18 holes, Owen HSC-3125-302 charges, 10 grs. 0.32" dia holes, 14.3 pene.).
- 11/16/04 BD Point Lookout perms fr/5,188' - 5,359' @ 817 psig & 4 BPM. EIR @ 8 BPM & 2,150 psig. A. w/800 gals 15% NEFE HCl ac & 27 Bio BS @ 5 BPM & 420 psig. Flshd w/38 bbls 2% KCl wtr @ 9 BPM & 2,150 psig. Balled off @ 3,800 psig. ISIP 0 psig.
- 11/17/04 Fracd Point Lookout perms fr/5,188' - 5,359' dwn 2-7/8" frac string. Pkr set @ 4,899' w/76,983 gals 70Q N2 foamed 25# linear gelled, 2% KCl wtr carrying 125,000# 20/40 Brady sd & 30,600# Super LC RC sd (per wt slips). Max sd conc 4.8 ppg. Max TP 4,201 psig & 27.6 BPM. ATP 4,058 psig & 25.8 BPM. ISIP 1,130 psig, 5" SIP 892 psig, 10" SIP 817 psig, 15" SIP 776 psig. 1,000,000 scf N2 DH. 648 BLWTR. SWI 4 hrs. SICP 850 psig. OWU @ 3:00 p.m. SITP 850 psig. F. 0 BO, 26 BLW (frac fluid, N2, lt sd), FTP 850 - 100 psig, 1/4" ck, 3 hrs. F. 0 BO, 96 BLW (frac fluid, N2, gas, no sd), FTP 100 - 180 psig, 1/2" ck, 13 hrs. 1,214 ttl BLWTR.
- 11/21/04 Perfd Menefee fr/5,000'-5,026', 4,790'-4,805' & 4,771'-83' w/1 JSP3F (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene, 18 holes). TIH 4-1/2" FB DG pkr, 2 jts 2-3/8", N-80 tbg & 146 jts 2-7/8", N-80 Buttress tbg.
- 11/23/04 BD Menefee perms fr/4,771'-5,026' @ 1,558 psig & 1.5 BPM. EIR @ 4.93 BPM & 2,414 psig. A. w/800 gal 15% NEFE HCl ac & 27 Bio BS @ 5 BPM & 2,554 psig. Flshd w/32 bbls 2% KCl wtr. AIR @ 7 BPM & 2,841 psig. No ball off. ISIP 1,020 psig. 5" SIP 840 psig. 10" SIP 729 psig. 15" SIP 657 psig.
- 11/25/04 Fracd Menefee perms fr/4,771' - 5,026' dwn 2-7/8" frac string. Pkr set @ 4,600' w/22,411 gals 65Q N2 foamed 25# linear gelled, 2% KCl wtr carrying 6,800# 20/40 Brady sd. Well press out. Went to fish. Max sd conc 1.07 ppg. Max TP 6,740 psig & 22.1 BPM. ATP 6,628 psig & 21.0 BPM. ISIP 1,515 psig, 5" SIP 1,455 psig. Used 518,678 scf N2 DH.
- 12/9/04 Fracd Menefee perms fr/4,771' - 5,026' dwn 2-7/8" frac string. Pkr set @ 4,600' w/79,307 gals 25# linear gelled 2% KCl wtr carrying 122,941# 20/40 Brady sd, 30,000# 20/40 Super LC RC sd. Max sd conc 3.17 ppg. Max TP 4,195 psig & 24.9 BPM. ATP 3,773 psig. ISIP 1,861 psig, 5" SIP 1,458 psig, 10" SIP 1,374 psig, 15" SIP 1,318 psig. 1,888 BLWTR. SWI 3 hrs. SITP 1,020 psig. SICP 0 psig. OWU @ 5:30 p.m. F. 0 BO, 234 BLW (frac fld, w/no sd), FTP 840 - 200 psig, 1/4" ck, 7.5 hrs. Chgd to 3/8" ck. F. 0 BO, 44 BLW (frac fld & gas w/no sd), FTP 200 - 150 psig, 3/8" ck, 1 hr. Chgd to 1/2" ck. F. 0 BO, 62 BLW (frac fld & gas w/no sd), FTP 150 - 10 psig, 1/2" ck, 4 hrs.
- 12/11/04 Perfd Cliffhouse fr/4,555' - 4,572' w/1 JSP2F (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene, ttl 9 holes). POH w/csg gun.
- 12/14/04 BD Cliffhouse perms fr/4,556' - 4,572' @ 1.5 BPM & 1,300 psig. EIR @ 6.8 BPM & 3,000 psig w/28 bbls 2% KCl wtr. A. w/600 gals 15% NEFE HCl ac & 15 BIO BS @ 5 BPM & 1,830 psig. Flshd w/30 bbls 2% KCl wtr @ 5 BPM & 1,900 psig. Balled out @ 3,385 psig (good ball action). ISIP 560 psig, 5" SIP 407 psig, 10" SIP 260 psig, 15" SIP 128 psig. RU swb. BFL @ 1,000' FS. S. 0 BO, 40 BLW, 13 runs, 4 hrs. FFL @ 3,800' FS.
- 12/15/04
Thru
01/14/05 Complete & set prod equipment
- 1/15/05 RWTP @ 10:30 am, 1-14-05,

Well: SCHWERTFEGER A LS No.: 20
 Operator: XTO ENERGY, INC. API: 3004506669
 Township: 27.0N Range: 08W
 Section: 8 Unit: G
 Land Type F County: San Juan

Year: 2003

Pool Name BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	5	1511	0	31
February	3	1450	0	28
March	59	1537	0	31
April	10	1351	0	30
May	92	1519	0	31
June	2	881	80	28
July	13	548	0	31
August	14	0	0	31
September	5	971	0	30
October	22	1561	0	31
November	38	111	0	30
December	21	1346	80	30

Year: 2004

Pool Name BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	40	1109	0	26
February	13	1082	0	29
March	11	1248	0	31
April	45	1013	0	30
May	10	1148	0	31
June	0	899	0	25
July	5	1014	0	29
August	1	1268	160	31
September	2	750	240	30
October	4	521	0	31
November	13	29	0	0
December	10	0	0	0

DAKOTA
 11427 12 MTHS PROD
 MTH AVG
 952.25

Year: 2005

Pool Name BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	11	1203	165	17
February	29	2117	258	28
March	66	1792	37	31
April	6	1151	37	30
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

DAKOTA
 5060

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	1729	157	17
February	0	3041	246	28
March	0	2573	8	31
April	0	1652	8	30
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

MESA VERDE
 7266

3 MTHS PROD
 12989
 MTH AVG
 4329.666667

Pool Name: WC BASIN MANCOS

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	155	36	17
February	0	275	56	28
March	0	235	35	31
April	0	153	35	30
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

MANCOS
 663

INCREASE PROD
 3377.416667