

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Cross Timbers Operating Company

3a. Address 3b. Phone No. (include area code)
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 1800' FEL, unit 0, Sec 6, T27N, R08W

5. Lease Serial No.

SF - 079319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA / Agreement, Name and/or No

8. Well Name and No.
Schwerdtfeger A L5 #4

9. API Well No.
30-045-06766

10. Field and Pool, or Exploratory Area
S. Blanco Pictured Cliffs

11. County or Parish, State
San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon ☐ Surface Commingle
	☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

See attached information.

RECEIVED
SEP 30 1999
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jeffrey W. Patton

Title

Production Engineer

Date 9-17-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

A.T.L.

Date

9-28-99

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Cross Timbers Operating Company

RECEIVED
CLM

99 SEP 21 PM 12:55

070 FARMINGTON, NM

Bureau of Land Management
Farmington District Office
1235 La Plata Highway
Farmington, NM 87401

Re. Surface Commingling Of the Schwerdtfeger A #5M & Schwerdtfeger A #4.

Gentleman:

Cross Timbers here by request approval to surface commingle the above mentioned wells. The Schwerdtfeger A #5M is DHC Dakota / Mesaverde well and the Schwerdtfeger A #4 is an open hole Pictured Cliffs well.

The two wells will be surface commingled as shown in the attached well site diagram.

Allocation of Production to Contributing Sources

In order to adequately allocate the gas volume from each well, the meter and meter run will remain with each well (current configuration). In order to obtain the gas volume for the Schwerdtfeger A #5M, the gas volume recorded for the Schwerdtfeger A #4 (meter # 71175) will be subtracted from the (total) gas volume measured by the Schwerdtfeger A #5M (meter #75576).

Meter (#75576) – Meter (#71175) = Gas volume for the Schwerdtfeger A #5M.

In order to allocate the lease gas volume used to operate the compressor, the percent of gas contribution from each well will be directly applied to the compressor's daily fuel consumption (9 MCFPD).

(Meter (#71175) / Meter (#75576)) * 9 MCFPD * #Days comp in operation = Lease use for the Schwerdtfeger A #4.

((Meter (#75576) – Meter (#71175)) / Meter (#75576)) * 9 MCFPD * #Days comp in operation = Lease use for the Schwerdtfeger A#5M

The use of two calibrated meters and the subtraction method should eliminate the need for annual testing.

As far as oil production is concerned, all oil will be given to the Schwerdtfeger A #5M well. The Schwerdtfeger A #4 will received no allocated oil production. Please see the enclosed decline curves.



Cross Timbers Operating Company

Economic Justification

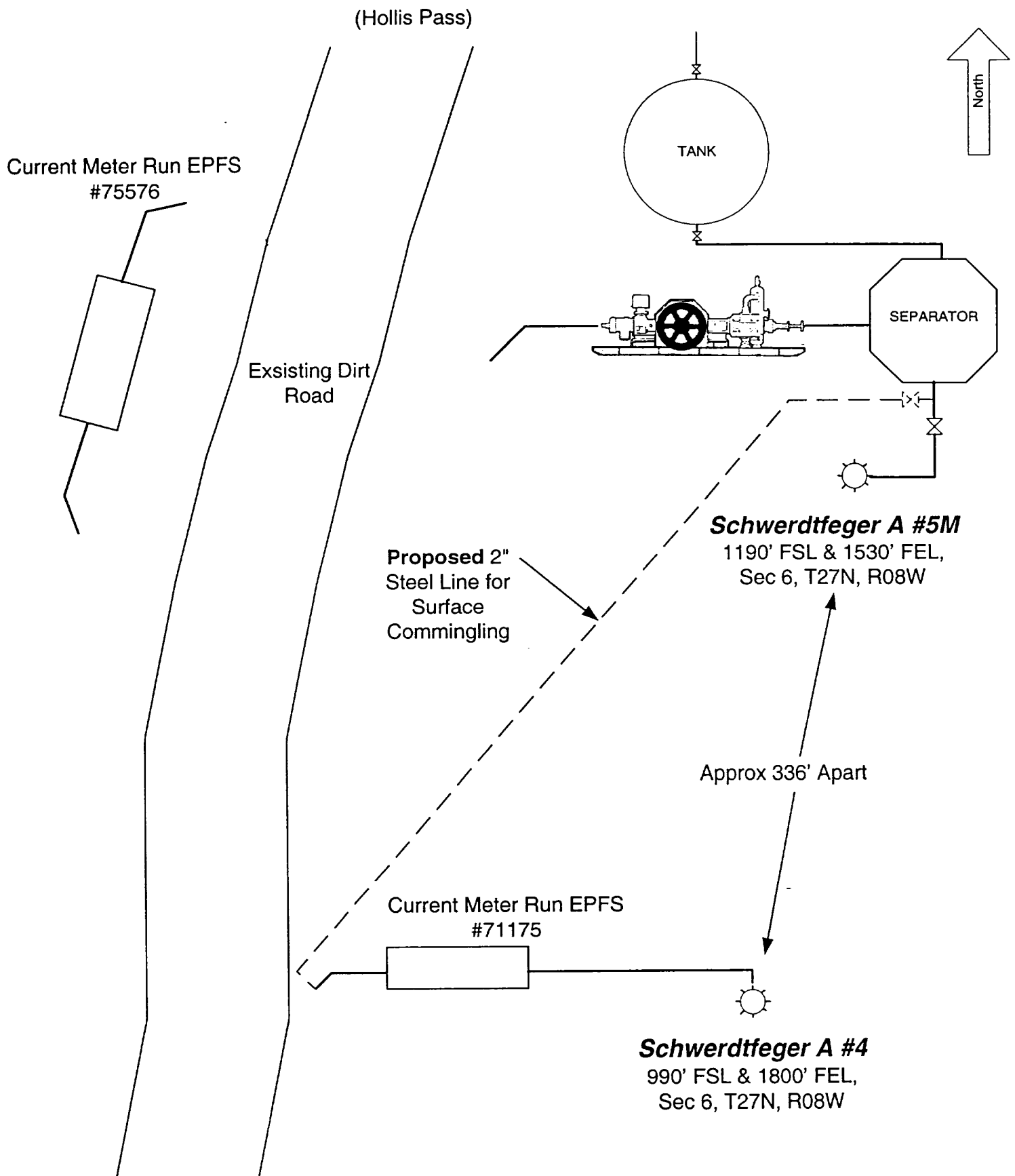
The Schwerdtfeger A #4 is an old open hole PC that was completed in the mid 1950's. This well is experiencing bottomhole pressure depletion and is nearing the end of economic life but with the use of compression the well can be returned to economical production. Therefore, in order to reduce environmental impact of redundant surface equipment including compression it is in the best interest of all parties involved that the current equipment installed on the Schwerdtfeger A #5M be used to improve economic benefit of both wells.

Cross Timbers plans to surface commingle the above mentioned wells as soon as approval is received.

If you have any questions concerning this matter, please feel free to contact me anytime.

Sincerely,

Jeffrey W. Patton
Production Engineer



***Surface Map for the Schwerdtfeger A #5M & A #4
Surface Commingling - Map not drawn to scale***

Cross Timbers Oil Company

SCHWERTFEGER A 4

CROSS TIMBERS
BLANCO S (PICTURED CLIFFS)

SAN JUAN
71175

060 27N 08W
RWT

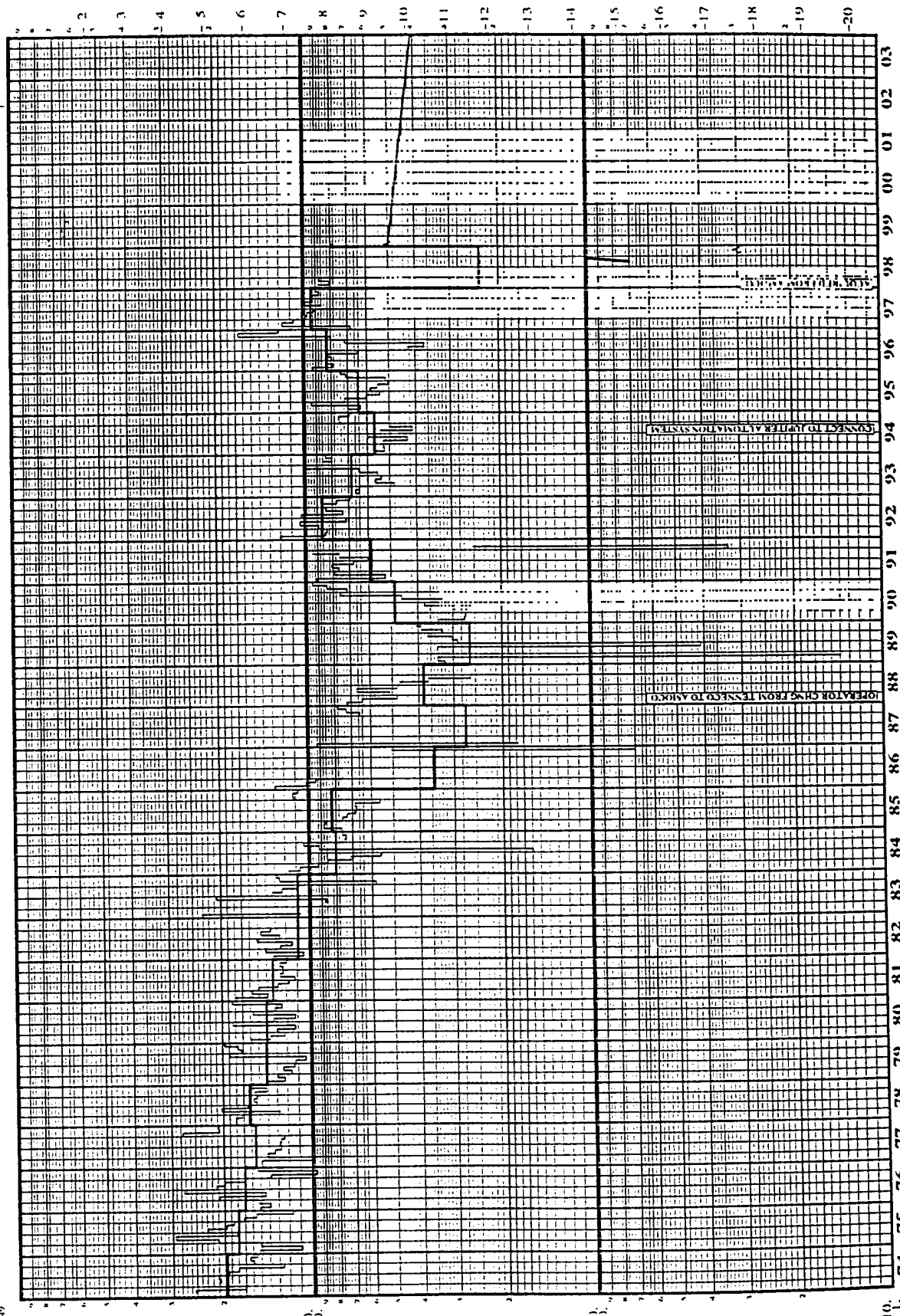
CO
506766

M & L - 199 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/1/99
Run Time: 11:57:49

ΔAS (mcs/mcs) V Δ
DIL (bbs/mcs) Δ



UNITED STATES

100. 10.

Cross Timbers Oil Company

SCHWERTFEGER A 5M

CROSS TIMBERS
BASIN (DAKOTA)
SAN JUAN, NEW MEXICO
060 27N 08W
RWT

SAN JUAN
71154

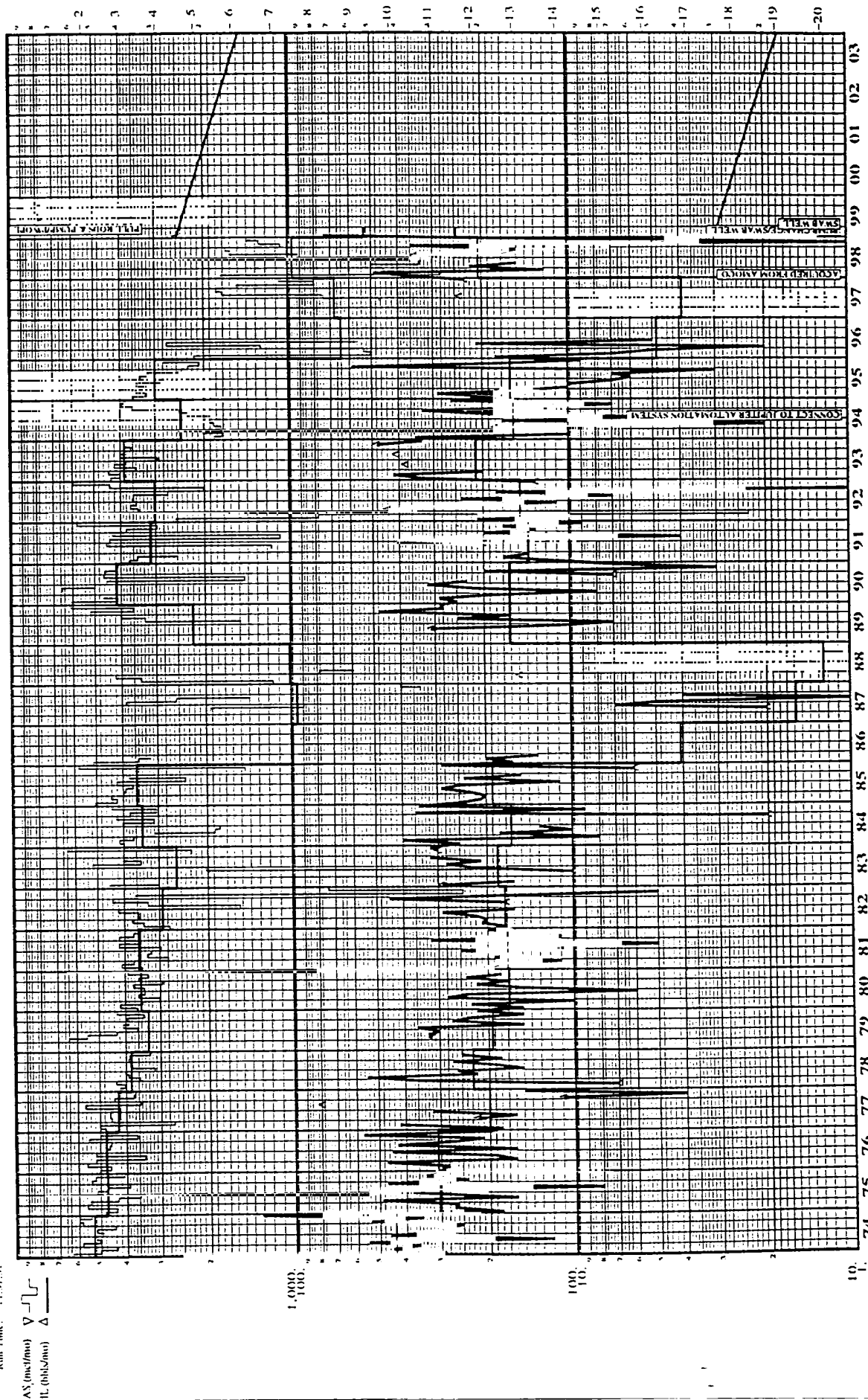
CO
511888

M & L - 199 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/19/99
Run Time: 11:57:51

AS (mcf/mo) V - J
IL (bbls/mo) Δ



Cross Timbers Oil Company

SCHWERTFEGER A 5M

CROSS TIMBERS
BLANCO (MESAVERDE)
SAN JUAN, NEW MEXICO
060 27N 08W
RWT

SAN JUAN
71156

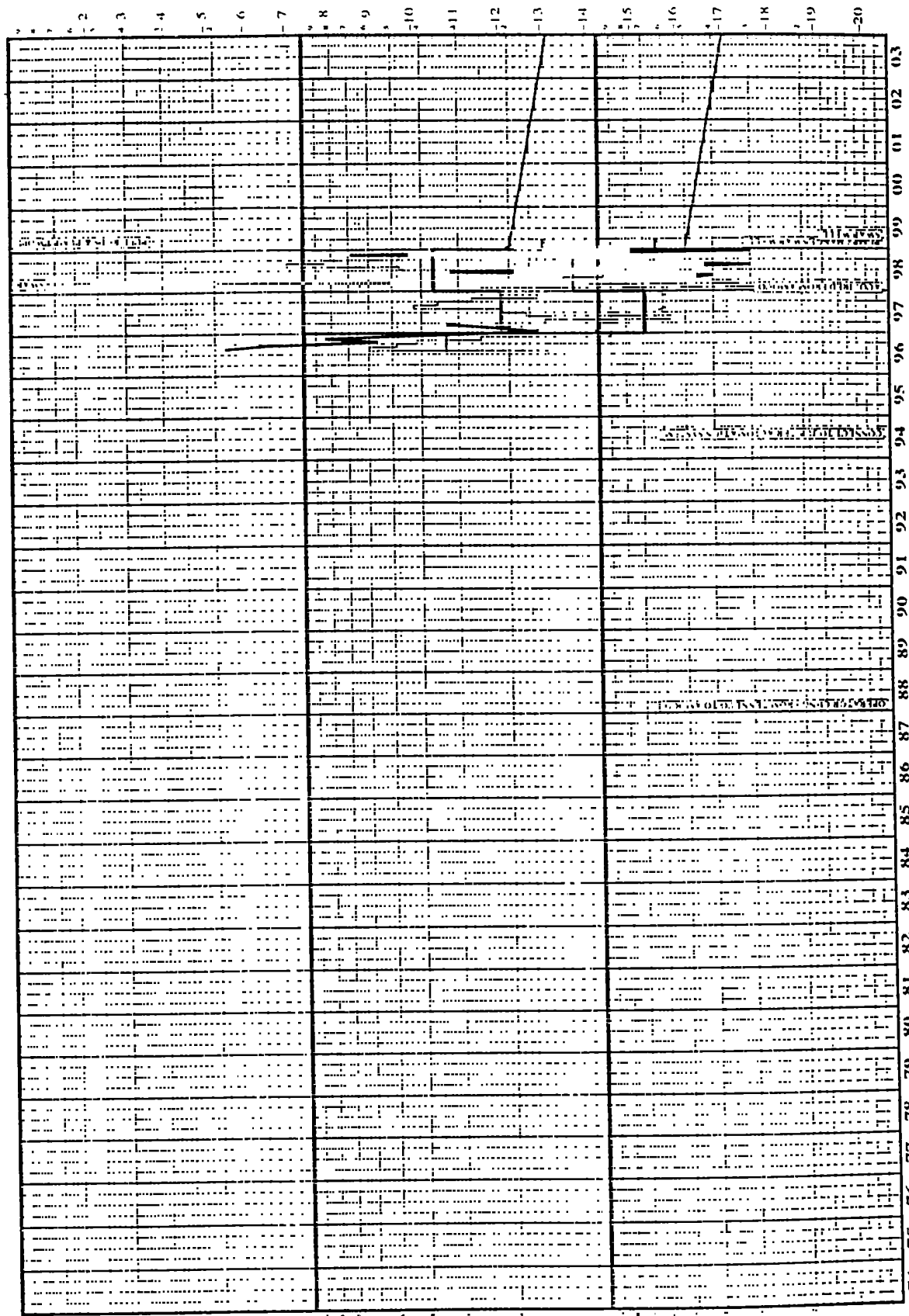
CO
451188

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date : 04/11/99
Run Time : 11:57:55

AS (mcf/mo) 
DL (0001/mo) 



811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

96 FEB 20 PM 1:18

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 3004511888		' Pool Code 82329	' Pool Name Otero Chacara	
' Property Code 1031	' Property Name Schwerdtfeger A			' Well Number 5
' OGRID No. 000778	' Operator Name Amoco Production Company			' Elevation 6760'

¹⁰ Surface Location -

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	6	27N	8W		1190	South	1530	East	San Juan

1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	23
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Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
" Dedicated Acres 160	" Joint or InW	" Consolidation Code		" Order No.					
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		17 OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
		Signature <u>Patty Haebele</u>	
		Printed Name <u>Patty Haebele</u>	
		Title <u>Staff Assistant</u>	
		Date <u>2/8/96</u>	
		18 SURVEYOR CERTIFICATION	
		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
		Date of Survey <u>12-3-65</u>	
		Signature and Seal of Professional Surveyor:	
		on file	
		Certificate Number <u>2463</u>	

COMPANY EL PASO NATURAL GAS COMPANY

Well Name & No. SCHWERTFEGER NO. 4-A Lease No. SF 079319

Location 990 FEET FROM THE SOUTH LINE, 1800 FEET FROM THE EAST LINE

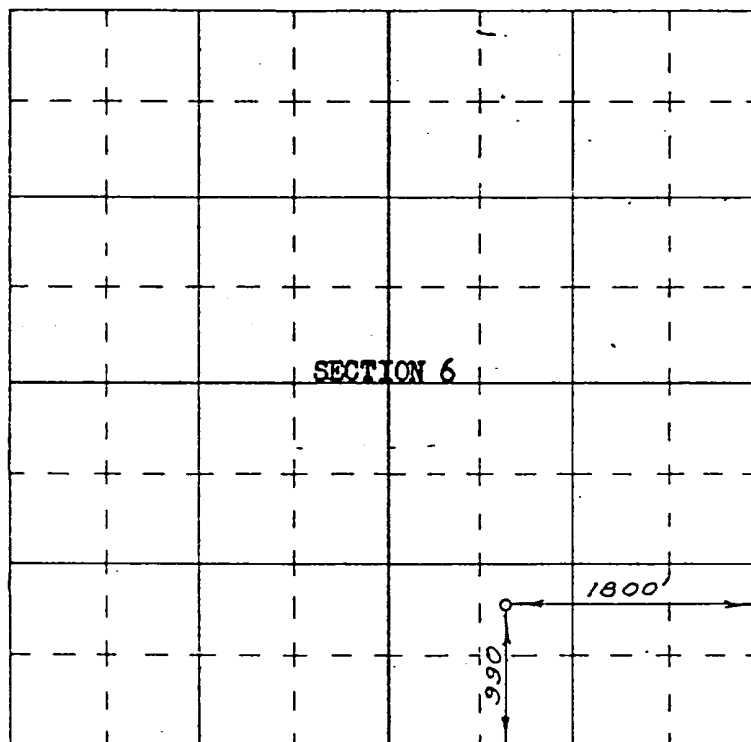
Being in SW/4 OF THE SE/4

Sec. 6, T 27N., R 8W., N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

Ground Elevation 6775⁵²

RECEIVED
AUG 11 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO



Scale — 4 inches equals 1 mile

Surveyed JULY 20, 19 55

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

C. O. Walker

Registered Professional
Engineer and Land Surveyor.

Seal:

Farmington, New Mexico

160 ACRES, SE/4 SECTION (PLAT)

