

MONSANTO UNORTHODOX LOCATION REQUEST
SUMMARY OF RECOVERABLE RESERVES

Township 21 South Range 23 East - Sections 35 & 36
Township 22 South Range 23 East - Sections 1 & 2
Indian Basin (Cisco) Field
Eddy County, New Mexico

(Billions of Cubic Feet)

Original

	AMOCO SEC 35	MONSANTO SEC 36	ARCO SEC 1	MONSANTO SEC 2	TOTAL	
In-Place Recoverable Reserves:						
Volumetric	37.28	24.96	31.72	31.56	125.52	(1)
Material Balance	48.14	26.68	34.99	35.16	144.97	(2)
Cumulative Production to Date:	27.31	17.08	23.27	27.58	95.24	(3)
Total Remaining Recoverable Reserves:						
Volumetric	9.97	7.88	8.45	3.98	30.28	(4)
Material Balance	20.83	9.60	11.72	7.58	49.73	(5)
Recoverable Reserves w/o Additional Drilling:						
Volumetric	9.97	0	0	3.98	13.95	(6)
Material Balance	20.83	0	0	7.58	28.41	(7)
Maximum Gas Lost w/o Additional Drilling:						
Volumetric					16.33	(8)
Material Balance					21.32	(9)
Expected Recovery of Monsanto proposed well from each Section:						
Volumetric	2.49	7.88	8.45	0.99	19.82	(10)
Material Balance*	na	na	na	na	14.14	(11)

- Based on estimate that 1/4 damage comes from Sec 35

Expect

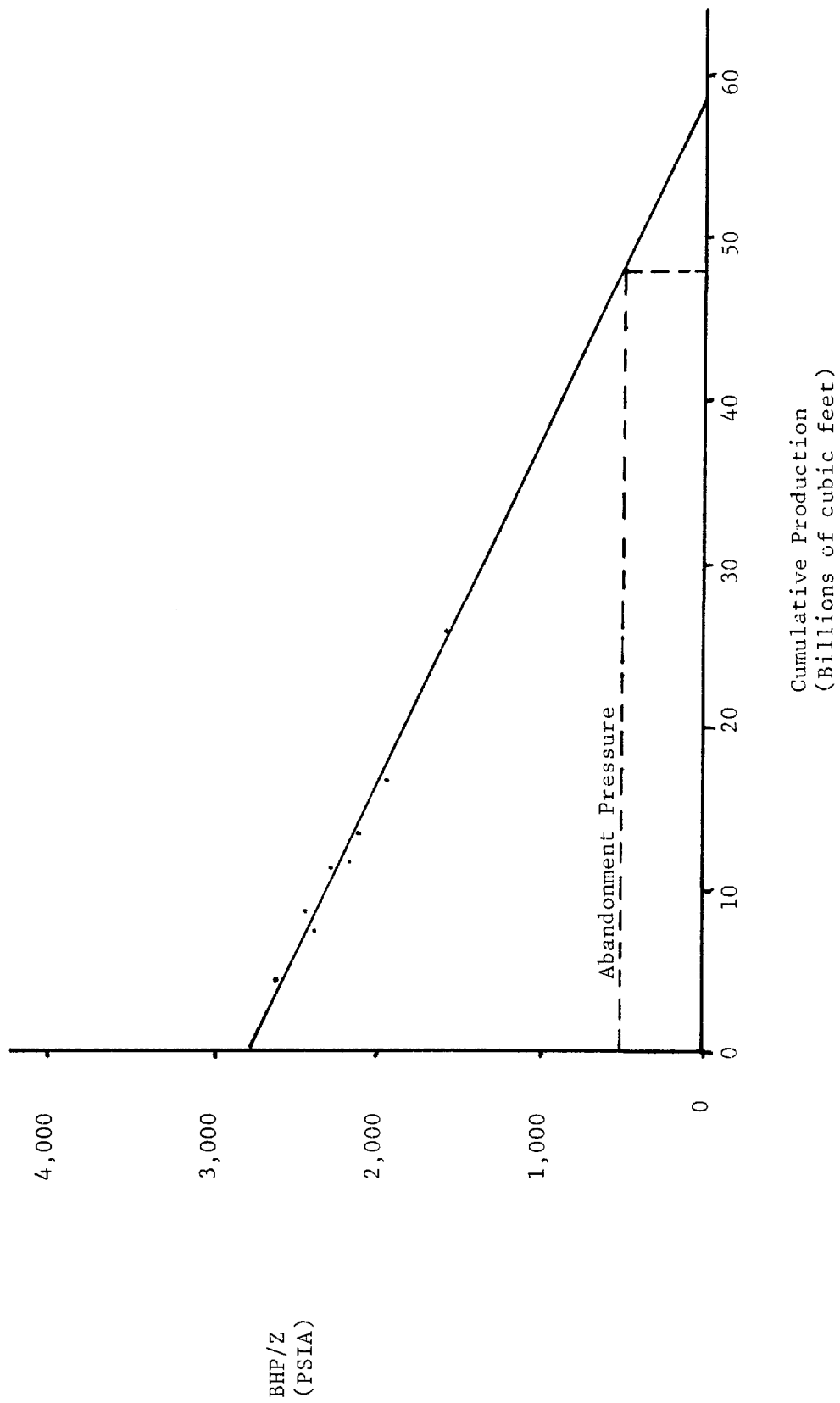
* Derived from BHP/Z vs. Cumulative curve for proposed well
na = Not Applicable

LEASE THE
OIL AND GAS IN COMMISSION
TO THE STATE OF NEW MEXICO

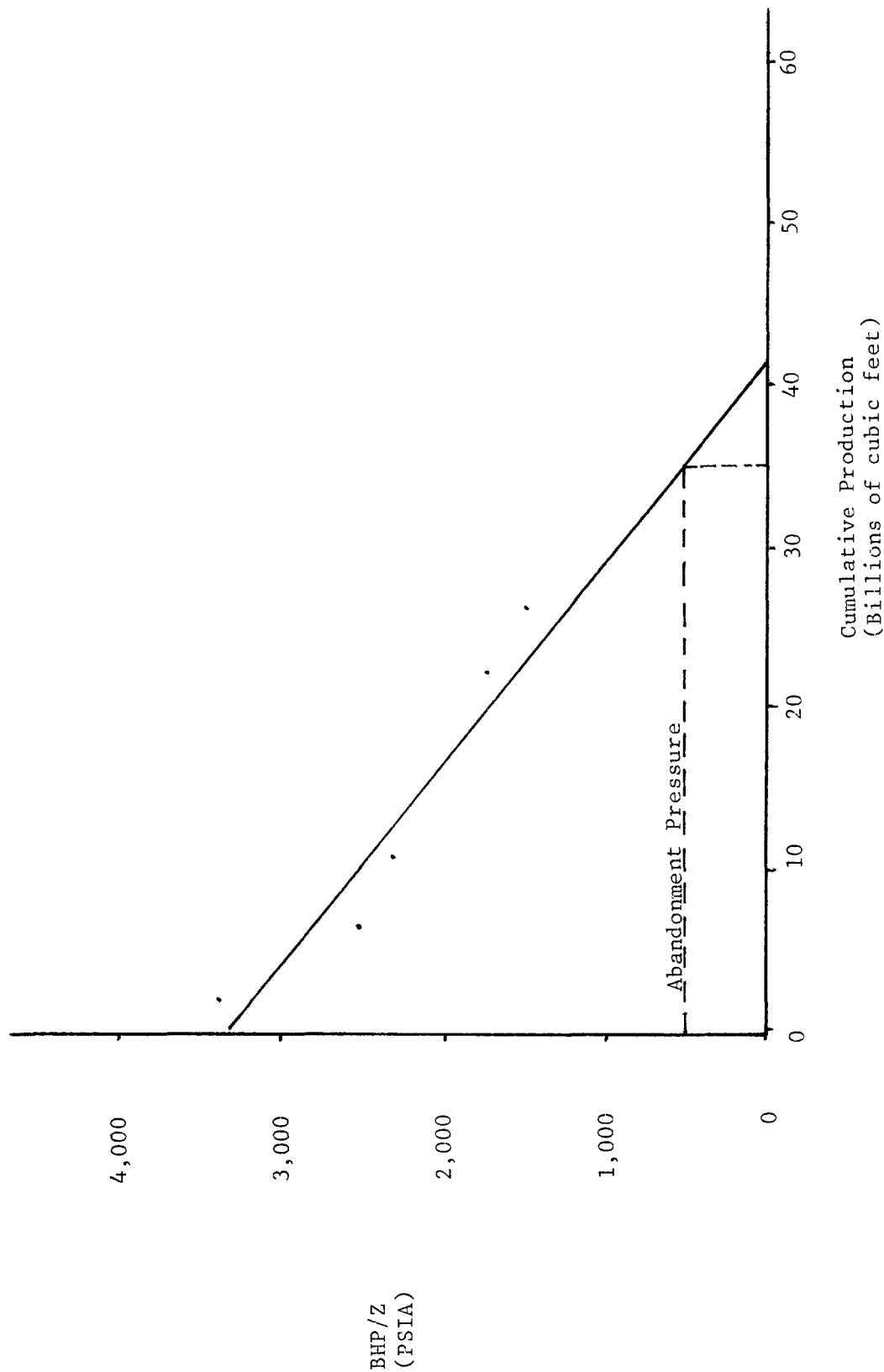
Case No. 8758 6
Submitted by SLD
Hearing Date 4/19/86



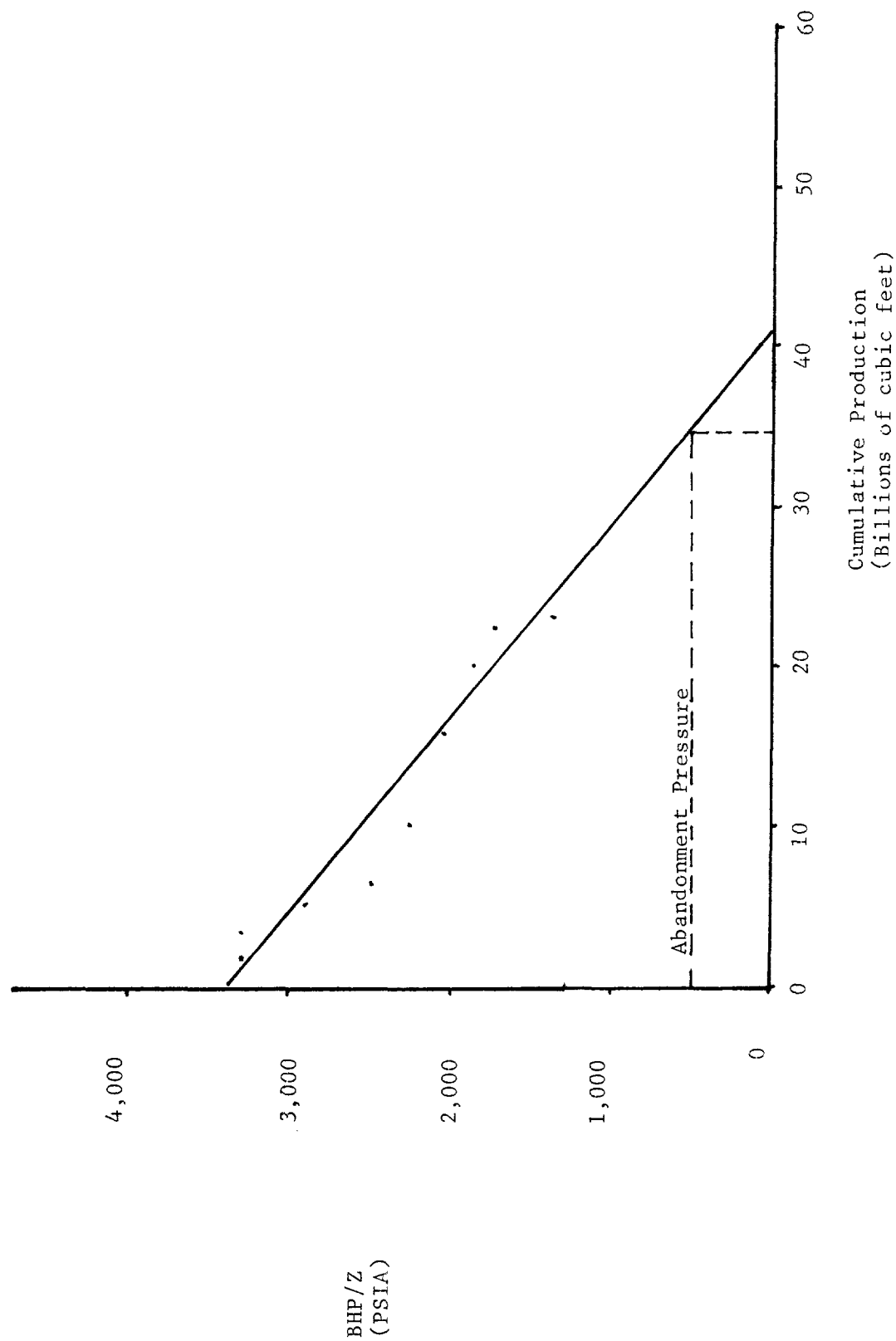
BHP/Z vs. Cumulative Gas Production
Amoco Trigg Federal "C" #1F
T-21S, R-23E - Section 35



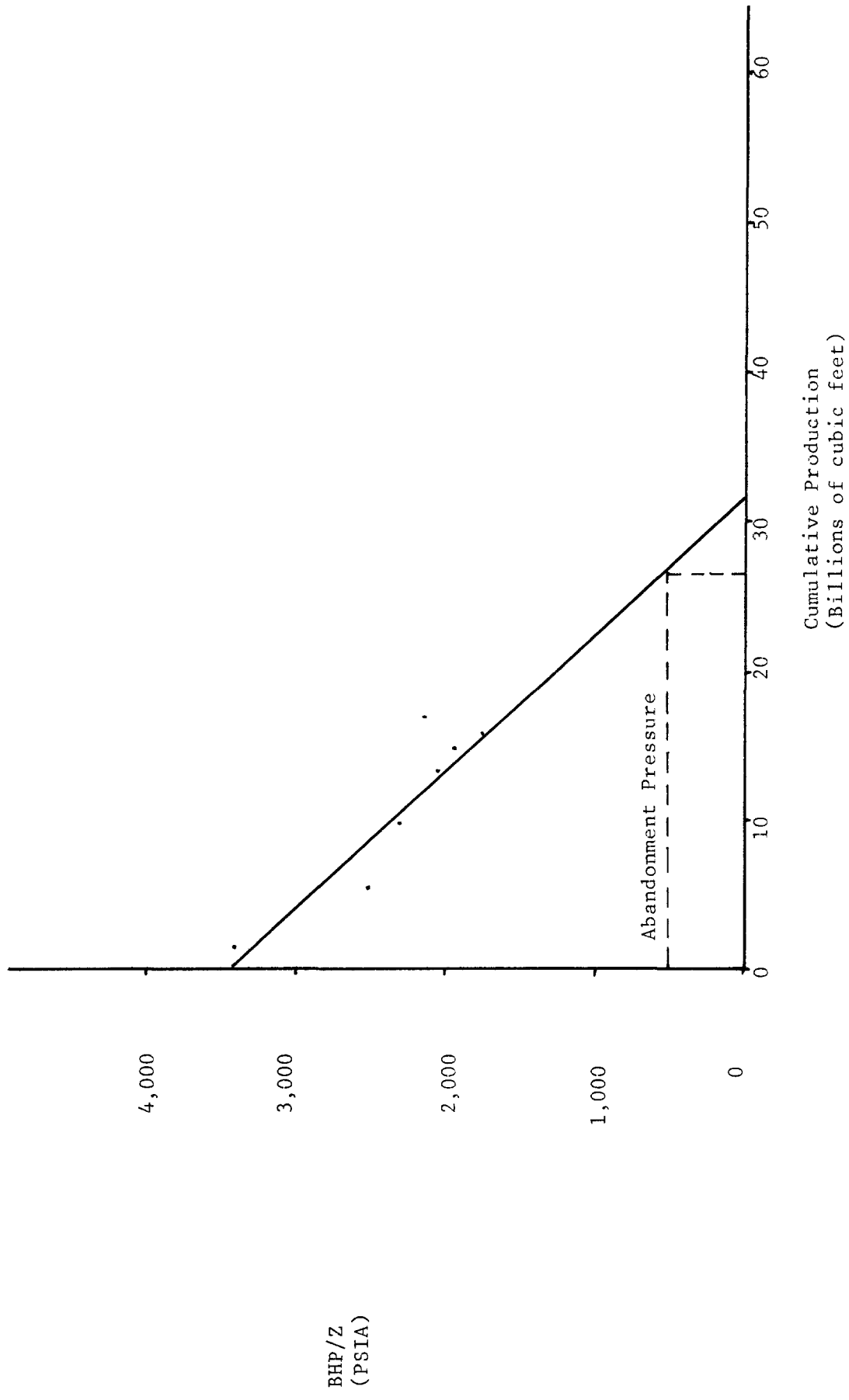
BHP/Z vs. Cumulative Gas Production
 Monsanto Conoco State Gas Com # 1F
 T-22S, R-23E - Section 2



BHP/Z vs Cumulative Gas Production
 Arco Smith Federal # 1G
 T-22S, R-23E - Section 1



BHP/Z vs. Cumulative Gas Production
Monsanto Lowe State Gas Com # 1F
T-21S, R-23E - Section 36



Expected BHP/Z vs. Cumulative
Proposed Monsanto Lowe State #2
T-21S, R-23E - Section 36

