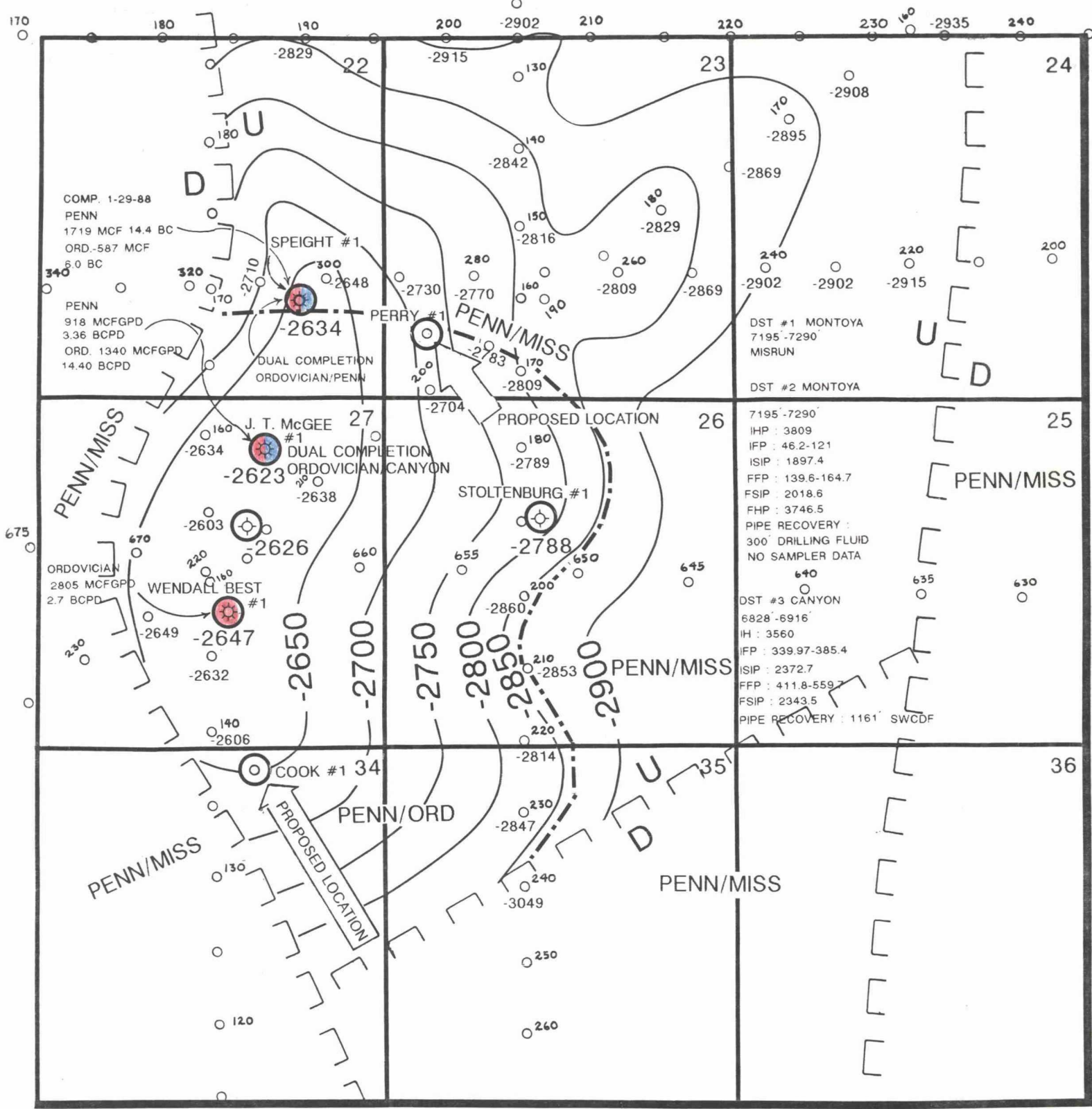


3782 71	U.S. M.I. Gottsch Feeding Corp (S)	Joe Powell, et al O.A. Woody (S) E, M, I.	J. Ahlen 7-1-95 61345	U.S. M.I. Gottsch Feeding Corp (S)	Alva J. Parker (S) S.C. Strawn	U.S. O.A. Woody (S)	State	U.S. M.I. Gottsch Feeding Corp (S)	U.S.
3786 1	Depco E, Nicor 1/2 Marshall Pipe 1/2 2-16-91 9-13-88	Depco E, Nicor 1/2 Marshall Pipe 1/2 9-13-88 2-16-91	CA. Schellinger 4-1-93 54859	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345
3791 2	Jennie Powell, et al O.A. Woody (S) E, M, I.	Joe Powell, et al O.A. Woody (S) E, M, I.		9	10	11		U.S. M.I. Gottsch Feeding Corp (S)	Yates Pet. et al 7-1-96 LH 3663 4155
3795 3	J. Ahlen 7-1-95 61345	E.J. Sullivan 9-1-95 62909	Depco, Nicor 1/2 9-29-88 9-13-88 O.A. Woody (S) E, M, I.	J. Ahlen 7-1-95 61345				J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345
3800 4	H.R. Spear 11-1-95 63737	Celestus Ener. 11-1-95 63737	(Marshall) Pipe 1/2 O.A. Woody (S)	U.S.	O.A. Woody (S)	O.A. Woody (S)	O.A. Woody (S)	U.S. M.I. Clarence Adams, et al	U.S.
3806 5	J. Ahlen 7-1-95 61345	Depco E, Nicor 1/2 Marshall Pipe 1/2 8-13-88	Depco E, Nicor 1/2 8-28-88 8-13-88 O.A. Woody (S) E, M, I.	Wintergreen Ener. 7-1-96 LH 3664 6259	Depco 5-23-89	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345
3812 2	J. Ahlen 7-1-95 61345	Joe Powell O.A. Woody (S) E, M, I.	J. Ahlen 7-1-95 61345	Valton Finley O.A. Woody (S) E, M, I.	R.I. Mitchell, et al O.A. Woody (S)	U.S. M.I. Woody's Acres Inc. (S)	J. Ahlen 7-1-95 61345	U.S.	U.S. M.I. Clarence Adams, et al
3820 3	U.S. O.A. Woody (S)	Marshall Pipe 1/2 Depco, Nicor 1/2 2-16-91 9-13-88 8-13-88 Joe Powell, 1/2 O.A. Woody (S) E, M, I.	U.S. O.A. Woody (S)	U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
3826 4	Nell Carter Jones Robinson Co. O.A. Woody (S)				State	2	29	J. W. Lewelling, et al	Depco E, Nicor 1/2 Marshall Pipe 1/2 Jennie Powell, et al O.A. Woody (S) E, M, I.
3833 1	J. Ahlen 7-1-95 61345	Vortex Expl. 10-30-86	J. Ahlen 7-1-95 61345	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 2-16-91 9-13-88 8-13-88 Clara Powell, et al O.A. Woody (S) E, M, I.	Yates Pet. 8-23-88	Depco E, Nicor 1/2 Marshall Pipe 1/2 2-16-91 9-13-88 8-13-88	Yates Pet. et al 8-23-88	Depco E, Nicor 1/2 Marshall Pipe 1/2 Clara Powell, et al O.A. Woody (S) E, M, I.
3838 2		State Game Comm Grady Best, et al	U.S.	Flag-Redfern New Mexico Osage Corp. Cristofan Mines, Inc. 1/2 S.B. Hoard, et al	J. Ahlen 7-1-95 61345	U.S. O.A. Woody (S)	U.S.	J. Ahlen 7-1-95 61345	New Mex. Osage C. Adams, et al
3844 3	19	Vortex Expl. 10-30-86	U.S.	SETS Depco Marshall Pipe 1/2 4-21-87	Depco E, Nicor 1/2 Marshall Pipe 1/2 1-6-87	Depco E, Nicor 1/2 Marshall Pipe 1/2 1-6-87	Yates Pet. et al 8-23-88	Yates Pet. et al 8-23-88	Depco E, Nicor 1/2 Marshall Pipe 1/2 5-23-89
3849 4	Sallie B. Weeden, 1/2 M.I. Lavada Sanders 1/2 Davie Sanders, et al	Flag-Redfern New Mexico Osage Corp. State Game Comm		State Game Comm C.M. Compton, et al	J. T. McGee, et al	J. T. McGee, et al	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86
3855 1	J. Ahlen 7-1-95 61345	Vortex Expl. 11-30-86	J. Ahlen 7-1-95 61345	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-10-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86	Depco E, Nicor 1/2 Marshall Pipe 1/2 12-14-86
3859 2				Depco 6-11-89	Yates Pet. et al 8-23-88	Yates Pet. et al 8-23-88	Yates Pet. et al 8-23-88	Yates Pet. et al 8-23-88	Yates Pet. et al 8-23-88
3865 3	30		29	28	27	26	25	24	23
3869 4	Lavada Sanders, et al (S)	H.D. Gale et al Lavada Sanders et al	Lavada Sanders, et al (S)	U.S.	M. Quakenbush, et al	J. T. McGee, et al	J. Ahlen 7-1-95 61345	U.S. O.A. Woody (S)	U.S. O.A. Woody (S)
3867 1	J. Ahlen 7-1-95 61345	J. Ahlen 7-1-95 61345	Vortex Expl. 10-30-86	Depco, Nicor 1/2 Marshall Pipe 1/2 11-30-86	Yates Pet. 5-15-89	Yates Pet. 5-15-89	Depco E, Nicor 1/2 Marshall Pipe 1/2 6-13-88	Depco E, Nicor 1/2 Marshall Pipe 1/2 6-13-88	Yates Pet. et al 7-1-95 LH 3665 6552
3868 2			32	33	34	35	36	37	38
3874 3	31								
3877 4	CE. Hayward w/2 U.S.	U.S.	U.S.	U.S.	G.T. McGee, et al				
3883 1	Depco 6-20-91 Grace Honea J.S. Click	U.S.	Lee Blewin M.I. David Masely, Est.	NICOR Expl. 1/2 Depco 6-20-91 6-19-90	Pioneer Prod. 1-27-89 T.E. Boyd W.A. Barnard	NICOR Expl. 1/2 Depco 6-20-91 6-19-90	NICOR Expl. 1/2 Depco 6-20-91 6-19-90	NICOR Expl. 1/2 Depco 6-20-91 6-19-90	NICOR Expl. 1/2 Depco 6-20-91 6-19-90
3884 2	NICOR Expl. 1/2 Depco 6-16-91	Depco 6-9-91	Depco E, Nicor, M.I. David Masely, Est.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3885 3	Depco 6-16-91	Grace Honea J.S. Click	NICOR Expl. 1/2 Yates Pet. 1/2 7-1-91 42144	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90	NICOR Expl. 1/2 Yates Pet. 6-20-90 6-19-90
3886 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3887 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3888 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3889 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3890 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3891 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3892 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3893 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3894 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3895 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3896 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3897 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3898 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3899 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3900 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3901 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3902 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3903 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3904 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3905 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3906 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3907 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3908 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3909 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3910 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3911 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3912 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3913 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3914 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3915 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3916 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3917 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3918 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3919 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3920 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3921 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3922 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3923 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3924 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3925 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3926 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3927 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3928 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3929 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3930 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3931 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3932 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3933 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3934 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3935 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3936 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3937 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3938 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3939 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3940 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3941 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3942 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3943 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3944 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3945 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3946 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3947 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3948 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3949 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3950 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3951 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3952 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3953 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3954 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3955 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3956 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3957 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3958 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3959 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3960 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3961 3	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3962 4	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3963 1	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.
3964 2	Depco 6-16-91	Grace Honea J.S. Click	U.S.	U.S.	W.A. Barnard	U.S.	U.S.	U.S.	U.S.



T2S-R29E

TULE FIELD

ROOSEVELT COUNTY, NM

STRUCTURE MAP

HORIZON : PRE-PENN UNCONFORMITY

C. I. = 50'

MISSISSIPPIAN SUBCROP

⊙

DATUM POINTS

⊙

ORDOVICIAN PRODUCERS

⊙

DUAL COMPLETION
ORDOVICIAN/PENN

LESLIE BENTZ 3/15/88 SCALE 1"=2000'

MARSHALL PIPE & SUPPLY CO.
Case No. 9308
3/16/88 Examiner Hearing
Exhibit No. 2