

OCD-ARTESIA
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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

RECEIVED

2. Name of Operator Parallel Petroleum Corporation

JAN 30 2006

3a. Address
1004 N. Big Sprin St., Suite 400, Midland, TX 797013b. Phone No. (include area code)
432/684-3727

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

SL: 860 FWL, 760 FSL; BHL: 923 FWL, 1873 FNL, Sec. 1, T19S, R21E

5. Lease Serial No.

NM NM 98791

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

BOXTOP 1921-1 FEDERAL #1

9. API Well No.

30-015-34374

10. Field and Pool, or Exploratory Area

Secondary target Wolfcamp Horz.

11. County or Parish, State

Eddy County, 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	Hz. survey attached.
	☐ 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 approximate duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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 site is ready for final inspection.)

Completed Operation: set CIBP at 4036' in 7" 26# CSG. Set Smith whipstock and mill 6 1/8" window 4020' to 4031'. Drill 6 1/8" horizontal hole from 4031' to 6861'. Average curve is 18 degrees per 100' and average angle through the horizontal hole is 90.3 degrees. 4 1/2" CSG liner was run and cemented on 1-6 and 1-7-2006. 4 1/2" 11.6# N-80 BTC set at 6861'. CMT 400 sacks H+6/10%BA10+4/10%CD32+1%FL62+1/10%ASA301+4/10%SMS 101 bbl 15.6 ppg. Displace with 76 bbl FW and bump plug. Plug held. Good circulation throughout job. Pull 10 stands. Reverse out 2 bbl CMT. Weatherford hydraulic set packer-type liner hanger set at TOL 3733'.

ACCEPTED FOR RECORD

JAN 26 2006

GARY GOURLEY
PETROLEUM ENGINEER

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

Deane Durham

Title Engineer

Signature

Date

01/11/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

INFORMATION COMPILED BY PATHFINDER ENERGY SERVICES

Company: Parallel Petroleum Corporation
 Field: Wolfcamp/Wildcat
 Site Name: Boxtop 1921-1 Federal #1
 Well Name: Boxtop 1921-1 Federal #1
 Wellpath Name: Boxtop 1921-1 Federal #1
 Survey Name: Pathfinder MWD Survey
 Date: 12/8/2005
 Survey Type: 4038' - 6861' Pathfinder MWD Survey
 Depth Units: ft
 100' - 4027' Gyrodatta Directional Survey

Mag Dec. Corr. +9.03 East To GRID

SURFACE LOCATION
 Site Northing 612881.6
 Site Easting 370875.5

BOTTOM HOLE LOCATION
 BHL MD 6861
 BHL TVD 4331.78

WELL INFORMATION
 Well Northing: 612881.6 SURFACE 615528.44 BOTTOM HOLE
 Well Easting: 370875.5 370838.41
 Rig K.B: 12
 Vsec Angle: 0
 Vsec North: 0
 Vsec East: 0

SURVEY LIST	MD	INC	AZI	TVD	NS	EW	VSEC	DLS	Northing	Easting	Latitude	Longitude
0	0	0	0	0	0	0	0	0	612881.6	370875.5	32°41'03.152N	104°45'10.857W
100	0.19	0	259.16	100	-0.03	-0.16	-0.03	0.19	612881.57	370875.34	32°41'03.151N	104°45'10.859W
200	0.34	0	178.92	200	-0.36	-0.32	-0.36	0.36	612881.24	370875.18	32°41'03.148N	104°45'10.861W
300	0.2	0	126.27	300	-0.76	-0.17	-0.76	0.27	612880.84	370875.33	32°41'03.144N	104°45'10.859W
400	0.73	0	92.85	399.99	-0.89	0.6	-0.89	0.57	612880.71	370876.1	32°41'03.143N	104°45'10.850W
500	1.07	0	95.03	499.98	-1.01	2.17	-1.01	0.34	612880.59	370877.67	32°41'03.142N	104°45'10.852W
600	0.81	0	74.88	599.97	-0.9	3.78	-0.9	0.42	612880.7	370879.28	32°41'03.143N	104°45'10.813W
700	1.03	0	79.88	699.96	-0.56	5.35	-0.56	0.23	612881.04	370880.85	32°41'03.146N	104°45'10.794W

800	1.17	95.24	799.94	-0.5	7.25	-0.5	0.33	612881.1	370882.75	32°41'03.147N	104°45'10.772W
900	1.34	102.19	899.91	-0.84	9.41	-0.84	0.23	612880.76	370884.91	32°41'03.144N	104°45'10.747W
1000	1.17	102.34	999.89	-1.3	11.55	-1.3	0.17	612880.3	370887.05	32°41'03.139N	104°45'10.722W
1100	1.54	90.57	1099.86	-1.53	13.89	-1.53	0.46	612880.07	370889.39	32°41'03.137N	104°45'10.694W
1201	1.7	83.03	1200.82	-1.37	16.74	-1.37	0.26	612880.23	370892.24	32°41'03.139N	104°45'10.661W
1295	1.66	82.95	1294.78	-1.03	19.47	-1.03	0.04	612880.57	370894.97	32°41'03.142N	104°45'10.629W
1390	1.26	99.37	1389.75	-1.03	21.87	-1.03	0.61	612880.57	370897.37	32°41'03.142N	104°45'10.601W
1484	1	116.22	1483.73	-1.56	23.62	-1.56	0.45	612880.04	370899.12	32°41'03.137N	104°45'10.581W
1578	0.92	123.04	1577.72	-2.34	24.99	-2.34	0.15	612879.26	370900.49	32°41'03.130N	104°45'10.564W
1672	0.78	127.67	1671.71	-3.14	26.13	-3.14	0.17	612878.46	370901.63	32°41'03.122N	104°45'10.551W
1766	0.65	143.94	1765.7	-3.96	26.95	-3.96	0.26	612877.64	370902.45	32°41'03.114N	104°45'10.541W
1861	0.53	147.88	1860.7	-4.77	27.5	-4.77	0.13	612876.83	370903	32°41'03.106N	104°45'10.535W
1955	0.47	150.64	1954.69	-5.47	27.92	-5.47	0.07	612876.13	370903.42	32°41'03.099N	104°45'10.530W
2049	0.39	151.8	2048.69	-6.09	28.26	-6.09	0.09	612875.51	370903.76	32°41'03.093N	104°45'10.526W
2143	0.3	157.62	2142.69	-6.6	28.51	-6.6	0.1	612875	370904.01	32°41'03.087N	104°45'10.523W
2237	0.26	164.83	2236.69	-7.03	28.66	-7.03	0.06	612874.57	370904.16	32°41'03.083N	104°45'10.521W
2332	0.4	183.9	2331.69	-7.57	28.69	-7.57	0.19	612874.03	370904.19	32°41'03.078N	104°45'10.521W
2426	0.45	188.66	2425.68	-8.26	28.61	-8.26	0.07	612873.34	370904.11	32°41'03.071N	104°45'10.522W
2520	0.53	195.28	2519.68	-9.05	28.44	-9.05	0.1	612872.55	370903.94	32°41'03.063N	104°45'10.524W
2614	0.55	196.49	2613.68	-9.9	28.2	-9.9	0.02	612871.7	370903.7	32°41'03.055N	104°45'10.527W
2708	0.47	193.95	2707.67	-10.71	27.98	-10.71	0.09	612870.89	370903.48	32°41'03.047N	104°45'10.529W
2803	0.49	196.47	2802.67	-11.48	27.77	-11.48	0.03	612870.12	370903.27	32°41'03.039N	104°45'10.532W
2897	0.53	207.43	2896.66	-12.25	27.45	-12.25	0.11	612869.35	370902.96	32°41'03.032N	104°45'10.535W
2991	0.44	215.88	2990.66	-12.92	27.04	-12.92	0.12	612868.68	370902.54	32°41'03.025N	104°45'10.540W
3085	0.28	208.26	3084.66	-13.42	26.72	-13.42	0.18	612868.18	370902.22	32°41'03.020N	104°45'10.544W
3179	0.22	186.92	3178.66	-13.8	26.59	-13.8	0.12	612867.8	370902.09	32°41'03.016N	104°45'10.545W
3274	0.31	159.18	3273.66	-14.22	26.66	-14.22	0.16	612867.38	370902.16	32°41'03.012N	104°45'10.544W
3368	0.48	132.69	3367.66	-14.73	27.04	-14.73	0.26	612866.87	370902.54	32°41'03.007N	104°45'10.540W
3462	0.89	119.03	3461.65	-15.35	27.97	-15.35	0.47	612866.25	370903.47	32°41'03.001N	104°45'10.529W
3556	1.17	103.22	3555.63	-15.92	29.54	-15.92	0.42	612865.68	370905.04	32°41'02.995N	104°45'10.511W
3650	1.27	104.62	3649.61	-16.4	31.48	-16.4	0.11	612865.2	370906.98	32°41'02.991N	104°45'10.488W
3745	1.44	104.3	3744.59	-16.96	33.66	-16.96	0.18	612864.64	370909.16	32°41'02.985N	104°45'10.462W
3839	1.54	106.29	3838.55	-17.61	36.02	-17.61	0.12	612863.99	370911.52	32°41'02.979N	104°45'10.435W
3933	1.56	100.75	3932.52	-18.2	38.49	-18.2	0.16	612863.4	370913.99	32°41'02.973N	104°45'10.406W
4027	1.61	102.16	4026.48	-18.72	41.03	-18.72	0.07	612862.88	370916.53	32°41'02.968N	104°45'10.376W
4038	4.26	20.37	4037.47	-18.37	41.33	-18.37	39.39	612863.23	370916.83	32°41'02.972N	104°45'10.373W
4070	10.29	20.37	4069.2	-14.57	42.74	-14.57	18.84	612867.03	370918.24	32°41'03.009N	104°45'10.356W

4088	13.63	13.95	4086.81	-11.01	43.81	-11.01	19.95	612870.59	370919.31	32°41'03.044N	104°45'10.344W
4120	19.92	9.29	4117.43	-1.96	45.6	-1.96	20.09	612879.64	370921.1	32°41'03.134N	104°45'10.323W
4152	26.73	9.47	4146.8	10.54	47.67	10.54	21.28	612892.14	370923.17	32°41'03.256N	104°45'10.300W
4184	33.33	9.82	4174.49	26.31	50.35	26.31	20.63	612907.91	370925.85	32°41'03.414N	104°45'10.269W
4216	40.54	9.73	4200.05	45.25	53.61	45.25	22.53	612926.85	370929.11	32°41'03.602N	104°45'10.232W
4247	47.31	8.85	4222.36	66.46	57.07	66.46	21.93	612948.06	370932.57	32°41'03.812N	104°45'10.192W
4278	48.8	7.8	4243.08	89.28	60.41	89.28	5.43	612970.88	370935.91	32°41'04.037N	104°45'10.154W
4310	52.32	4.46	4263.41	113.84	63.03	113.84	13.63	612995.44	370938.53	32°41'04.281N	104°45'10.125W
4341	58.65	1.82	4280.97	139.33	64.4	139.33	21.59	613020.93	370939.9	32°41'04.533N	104°45'10.110W
4373	64.46	1.38	4296.21	167.44	65.19	167.44	18.2	613049.04	370940.69	32°41'04.811N	104°45'10.102W
4404	68.86	1.52	4308.49	195.89	65.91	195.89	14.2	613077.49	370941.41	32°41'05.093N	104°45'10.095W
4436	72.46	1.03	4319.08	226.07	66.58	226.07	11.34	613107.67	370942.08	32°41'05.391N	104°45'10.088W
4468	76.15	0.68	4327.74	256.87	67.04	256.87	11.58	613138.47	370942.54	32°41'05.696N	104°45'10.085W
4499	79.32	0.59	4334.32	287.16	67.37	287.16	10.23	613168.76	370942.87	32°41'05.996N	104°45'10.082W
4531	82.75	0.33	4339.31	318.76	67.63	318.76	10.75	613200.36	370943.13	32°41'06.309N	104°45'10.081W
4563	86.09	359.49	4342.42	350.6	67.57	350.6	10.76	613232.2	370943.07	32°41'06.624N	104°45'10.083W
4595	88.55	358.48	4343.91	382.56	67.01	382.56	8.31	613264.16	370942.51	32°41'06.940N	104°45'10.091W
4626	90.22	358.78	4344.25	413.55	66.27	413.55	5.47	613295.15	370941.77	32°41'07.246N	104°45'10.101W
4657	91.1	357.43	4343.89	444.53	65.24	444.53	5.2	613326.13	370940.74	32°41'07.553N	104°45'10.114W
4674	91.28	356.81	4343.54	461.5	64.39	461.5	3.8	613343.1	370939.89	32°41'07.721N	104°45'10.125W
4705	91.1	356.37	4342.89	492.44	62.54	492.44	1.53	613374.04	370938.04	32°41'08.027N	104°45'10.148W
4734	91.28	356.55	4342.29	521.38	60.75	521.38	0.88	613402.98	370936.25	32°41'08.318N	104°45'10.170W
4765	91.71	356.46	4341.48	552.31	58.87	552.31	1.42	613433.91	370934.37	32°41'08.619N	104°45'10.194W
4795	90.92	356.81	4340.79	582.25	57.11	582.25	2.88	613463.85	370932.61	32°41'08.916N	104°45'10.216W
4826	91.1	357.25	4340.25	613.21	55.5	613.21	1.53	613494.81	370931	32°41'09.222N	104°45'10.236W
4857	91.63	357.52	4339.51	644.17	54.09	644.17	1.92	613525.77	370929.59	32°41'09.528N	104°45'10.254W
4888	91.63	357.69	4338.63	675.13	52.79	675.13	0.55	613556.73	370928.29	32°41'09.834N	104°45'10.271W
4919	91.89	357.87	4337.68	706.09	51.59	706.09	1.02	613587.69	370927.09	32°41'10.141N	104°45'10.286W
4949	91.01	358.57	4336.92	736.06	50.66	736.06	3.75	613617.66	370926.16	32°41'10.437N	104°45'10.298W
4980	90.48	359.45	4336.51	767.06	50.12	767.06	3.31	613648.66	370925.62	32°41'10.744N	104°45'10.306W
5011	90.48	359.27	4336.25	798.05	49.78	798.05	0.58	613679.65	370925.28	32°41'11.051N	104°45'10.312W
5043	90.92	359.54	4335.86	830.05	49.44	830.05	1.61	613711.65	370924.94	32°41'11.367N	104°45'10.317W
5074	89.96	359.63	4335.62	861.05	49.22	861.05	3.11	613742.65	370924.72	32°41'11.674N	104°45'10.321W
5106	89.87	359.71	4335.67	893.05	49.04	893.05	0.38	613774.65	370924.54	32°41'11.991N	104°45'10.325W
5137	90.22	359.71	4335.65	924.05	48.88	924.05	1.13	613805.65	370924.38	32°41'12.297N	104°45'10.328W
5169	91.01	359.89	4335.3	956.04	48.77	956.04	2.53	613837.64	370924.27	32°41'12.614N	104°45'10.331W
5200	90.84	359.63	4334.8	987.04	48.64	987.04	1	613868.64	370924.14	32°41'12.921N	104°45'10.334W

5232	89.96	359.8	4334.58	1019.04	48.48	1019.04	2.8	613900.64	370923.98	32°41'13.237N	104°45'10.337W
5263	89.08	0.59	4334.84	1050.04	48.58	1050.04	3.81	613931.64	370924.08	32°41'13.544N	104°45'10.337W
5295	88.72	0.06	4335.45	1082.03	48.76	1082.03	2	613963.63	370924.26	32°41'13.861N	104°45'10.337W
5326	88.02	0.15	4336.34	1113.02	48.82	1113.02	2.28	613994.62	370924.32	32°41'14.167N	104°45'10.337W
5357	88.29	359.89	4337.33	1144	48.83	1144	1.21	614025.6	370924.33	32°41'14.474N	104°45'10.339W
5389	88.46	359.98	4338.24	1175.99	48.8	1175.99	0.6	614057.59	370924.3	32°41'14.790N	104°45'10.340W
5419	88.29	359.8	4339.09	1205.97	48.74	1205.97	0.83	614087.57	370924.24	32°41'15.087N	104°45'10.343W
5450	88.72	0.06	4339.9	1236.96	48.7	1236.96	1.62	614118.56	370924.2	32°41'15.394N	104°45'10.344W
5482	89.16	0.42	4340.49	1268.96	48.83	1268.96	1.78	614150.56	370924.33	32°41'15.710N	104°45'10.344W
5514	89.34	0.15	4340.91	1300.96	48.99	1300.96	1.01	614182.56	370924.49	32°41'16.027N	104°45'10.344W
5545	89.87	0.06	4341.13	1331.95	49.05	1331.95	1.73	614213.55	370924.55	32°41'16.334N	104°45'10.345W
5577	89.69	0.15	4341.25	1363.95	49.11	1363.95	0.63	614245.55	370924.61	32°41'16.650N	104°45'10.346W
5608	90.66	359.71	4341.15	1394.95	49.07	1394.95	3.44	614276.55	370924.57	32°41'16.957N	104°45'10.347W
5640	90.66	359.98	4340.79	1426.95	48.98	1426.95	0.84	614308.55	370924.48	32°41'17.274N	104°45'10.350W
5673	92.42	0.86	4339.9	1459.94	49.23	1459.94	5.96	614341.54	370924.73	32°41'17.600N	104°45'10.349W
5704	92.42	0.86	4338.59	1490.91	49.69	1490.91	0	614372.51	370925.19	32°41'17.907N	104°45'10.345W
5736	90.48	1.12	4337.78	1522.89	50.24	1522.89	6.12	614404.49	370925.74	32°41'18.223N	104°45'10.340W
5768	88.9	2	4337.95	1554.88	51.12	1554.88	5.65	614436.48	370926.62	32°41'18.540N	104°45'10.331W
5799	88.37	1.38	4338.69	1585.85	52.03	1585.85	2.63	614467.45	370927.53	32°41'18.846N	104°45'10.322W
5831	88.99	2	4339.43	1617.83	52.97	1617.83	2.74	614499.43	370928.47	32°41'19.163N	104°45'10.312W
5863	89.25	2.39	4339.92	1649.8	54.2	1649.8	1.46	614531.4	370929.7	32°41'19.479N	104°45'10.299W
5895	90.22	2.97	4340.07	1681.77	55.69	1681.77	3.53	614563.37	370931.19	32°41'19.796N	104°45'10.283W
5927	90.22	3.05	4339.94	1713.72	57.37	1713.72	0.25	614595.32	370932.87	32°41'20.112N	104°45'10.265W
5959	90.4	2.97	4339.77	1745.68	59.06	1745.68	0.62	614627.28	370934.56	32°41'20.428N	104°45'10.247W
5990	91.36	3.58	4339.3	1776.62	60.83	1776.62	3.67	614658.22	370936.33	32°41'20.734N	104°45'10.228W
6022	91.54	3.76	4338.49	1808.55	62.87	1808.55	0.8	614690.15	370938.37	32°41'21.050N	104°45'10.205W
6054	91.19	2.97	4337.72	1840.48	64.75	1840.48	2.7	614722.08	370940.25	32°41'21.366N	104°45'10.185W
6086	91.71	3.14	4336.91	1872.43	66.46	1872.43	1.71	614754.03	370941.96	32°41'21.683N	104°45'10.166W
6118	91.98	3.32	4335.86	1904.36	68.26	1904.36	1.01	614785.96	370943.76	32°41'21.999N	104°45'10.146W
6150	92.33	3.58	4334.68	1936.28	70.18	1936.28	1.36	614817.88	370945.68	32°41'22.315N	104°45'10.125W
6182	91.8	2.97	4333.53	1968.21	72.01	1968.21	2.52	614849.81	370947.51	32°41'22.631N	104°45'10.106W
6213	91.98	2.53	4332.5	1999.15	73.5	1999.15	1.53	614880.75	370949	32°41'22.937N	104°45'10.090W
6245	90.4	1.3	4331.84	2031.13	74.56	2031.13	6.26	614912.73	370950.06	32°41'23.253N	104°45'10.079W
6277	88.11	359.8	4332.26	2063.12	74.87	2063.12	8.55	614944.72	370950.37	32°41'23.570N	104°45'10.076W
6309	88.11	359.98	4333.31	2095.1	74.81	2095.1	0.56	614976.7	370950.31	32°41'23.886N	104°45'10.079W
6341	88.11	359.71	4334.37	2127.08	74.72	2127.08	0.84	615008.68	370950.22	32°41'24.203N	104°45'10.081W
6373	88.64	359.54	4335.27	2159.07	74.51	2159.07	1.74	615040.67	370950.01	32°41'24.519N	104°45'10.085W

6405	89.52	359.19	4335.79	2191.06	74.16	2191.06	2.96	615072.66	370949.66	32°41'24.836N	104°45'10.091W
6436	92.33	359.98	4335.29	2222.06	73.94	2222.06	9.42	615103.66	370949.44	32°41'25.143N	104°45'10.095W
6468	90.4	359.5	4334.53	2254.04	73.79	2254.04	6.21	615135.64	370948.29	32°41'25.459N	104°45'10.098W
6494	89.6	357.96	4334.53	2280.04	73.21	2280.04	6.67	615161.64	370948.71	32°41'25.716N	104°45'10.106W
6526	91.01	358.48	4334.36	2312.02	72.22	2312.02	4.7	615193.62	370947.72	32°41'26.033N	104°45'10.119W
6558	90.22	357.87	4334.01	2344	71.2	2344	3.12	615225.6	370946.7	32°41'26.349N	104°45'10.132W
6590	89.25	357.52	4334.16	2375.98	69.91	2375.98	3.22	615257.58	370945.41	32°41'26.666N	104°45'10.149W
6622	89.16	357.43	4334.6	2407.94	68.5	2407.94	0.4	615289.54	370944	32°41'26.982N	104°45'10.167W
6654	90.31	358.39	4334.75	2439.92	67.34	2439.92	4.68	615321.52	370942.84	32°41'27.298N	104°45'10.182W
6685	90.92	358.92	4334.42	2470.91	66.61	2470.91	2.61	615352.51	370942.11	32°41'27.605N	104°45'10.192W
6755	90.4	359.01	4333.61	2540.89	65.35	2540.89	0.75	615422.49	370940.85	32°41'28.297N	104°45'10.210W
6785	90.57	358.92	4333.36	2570.89	64.8	2570.89	0.64	615452.49	370940.3	32°41'28.594N	104°45'10.218W
6817	91.36	358.48	4332.82	2602.87	64.08	2602.87	2.83	615484.47	370939.58	32°41'28.911N	104°45'10.228W
6861	91.36	358.48	4331.78	2646.84	62.91	2646.84	0	615528.44	370938.41	32°41'29.346N	104°45'10.243W