

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 97320

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-11410	2. Pool Code 96354	3. Pool Name BARKER DOME: ISMAY (G)
4. Property Code 7618	5. Property Name UTE	6. Well No 008
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 6529

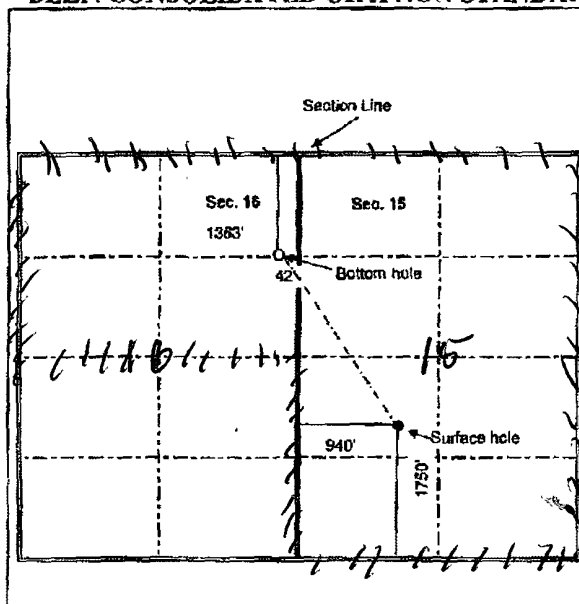
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	15	32N	14W		1750	S	940	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	16	32N	14W		1363	N	42	E	SAN JUAN
12. Dedicated Acres 4.800, 0.6		13. Joint or Infill		14. Consolidation Code		15. Order No.			

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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: **Patsy Clugston**
Title: **Sr. Regulatory Specialist**
Date: **6/12/09**

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.

Surveyed By: **R. Howard Daggett**
Date of Survey: **6/15/1990**
Certificate Number: **9679**

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Permit 97320

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-11410	2. Pool Code 97582	3. Pool Name WC BARKER DOME HONAKER TRAIL
4. Property Code 7618	5. Property Name UTE	6. Well No. 008
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 6529

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	15	32N	14W		1750	S	940	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	15	32N	14W		1792	S	845	W	SAN JUAN
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

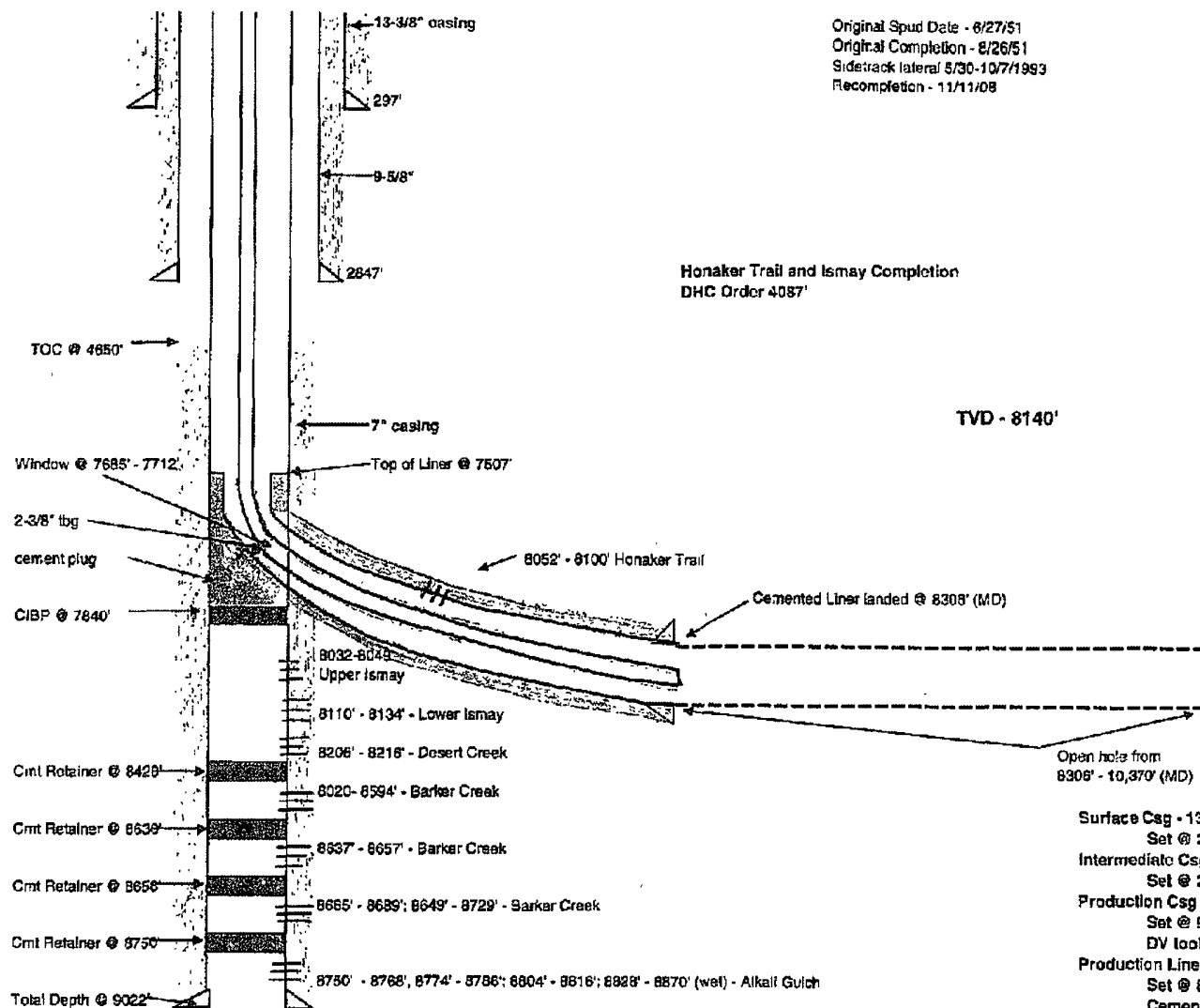
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: <i>Patsy Clugston</i> Patsy Clugston Title: Sr. Regulatory Specialist Date: 6/12/09 SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: R. Howard Daggett Date of Survey: 6/15/1990 Certificate Number: 9679
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Ute #8 Wellbore Diagram
30-045-11410 API

Original Spud Date - 6/27/51
 Original Completion - 8/26/51
 Sidetrack lateral 5/30-10/7/1993
 Recompletion - 11/11/08

Honaker Trail and Ismay Completion
DHC Order 4087



TVD - 8140'

Surface Csg - 13-3/8" 54.5# J-55
 Set @ 297' w/TOC Surface
 Intermediate Csg - 9-5/8" 36#, J-55
 Set @ 2847' w/TOC Surface
 Production Csg - 7" 23# & 28# N-80
 Set @ 8022' w/TOC @ 4650'
 DV tools set @ 6421' & 7658'
 Production Liner - 4-1/2" 11.6# L-80
 Set @ 8306' TOL @ 7507'
 Cemented from 7507' - 8306'
 Window in Production csg for liner
 7685' - 7712'
 Open hole from 8306' to 10,370' (MD)
 Tbg - 2-3/4", 7.93 set @ 8307'

Note: All perms from 8750' - 8594' have been squeezed with cement.

50620 -

30-045-11410

DEVIATION REPORT

Meridian Oil Inc.
PO Box 4289
Farmington, NM 87499

Aug
bot

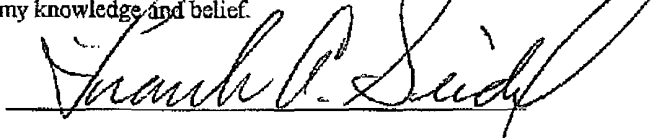
1750 FSL
2127 m porHL
1363 FHL

940 FWL
980 m porHL
42,3 FEL

15-32N-14W
16-32N-14W

Ute #8
1750'FSL, 940'FWL
Sec. 15, T-32-N, R-14-W
San Juan County, NM

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Meridian Oil Inc, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 13th day of April, 1995.



Notary Public in and for San Juan County, New Mexico
My commission expires August 17, 1996

Geoservices-Directional

Deviation report

Well : UTE-B ST "B"
 Field : BARKER CREEK PARADOX
 Company : MERIDIAN OIL CO.

Coordinates RECTANGULAR

Well head : Target : Impact :
 X = 0.0 X = 0.0 X = 0.0
 Y = 0.0 Y = 0.0 Y = 0.0
 Z = 0.0 Z = 0.0 Z = 0.0
 Horizontal displacement 0.00 ft
 Total vertical depth 0.00 ft Kick off point 7823.00 ft
 Magnetic declination 12.00 deg Convergence 0.00 deg
 Horizontal projection computed in azimuth North 330.00 deg. (NW 30.00)

Surv no	Measured depth feet	Drift angle degree	Azimuth magnet. degree	Azimuth geogr. degree	Vertical depth feet	Horizntl prjection feet	Horizntl displcmt feet	Average Az(geo) degree	Relative Coordinates. East/West feet	Coordinates. Nor/South feet	Dog leg		
											dleg	dLgh	grdu
												/100ft	
Computation method : Radius of curvature													
1	0.0	0.00	0.00	12.00	0.0	0.0	0.0	90.00	0.0 E	0.0 N	0.0	0.0	1.0
2	100.0	0.51	357.72	9.72	100.0	0.3	0.4	10.86	0.1 E	0.4 N	0.5	-0.0	0.5
3	200.0	0.30	13.62	25.62	200.0	0.8	1.1	15.04	0.3 E	1.1 N	0.2	0.1	-0.2
4	300.0	0.20	353.46	5.46	300.0	1.1	1.6	15.17	0.4 E	1.5 N	0.1	-0.1	-0.1
5	400.0	0.15	40.79	52.79	400.0	1.3	1.9	17.38	0.6 E	1.9 N	0.1	0.1	-0.1
6	500.0	0.18	137.16	149.16	500.0	1.1	1.9	25.17	0.8 E	1.7 N	0.2	0.3	0.0
7	600.0	0.20	172.34	184.34	600.0	0.8	1.7	31.94	0.9 E	1.4 N	0.1	0.1	0.0
8	700.0	0.19	152.72	164.72	700.0	0.5	1.4	40.25	0.9 E	1.1 N	0.1	-0.1	-0.0
9	800.0	0.19	119.00	131.00	800.0	0.1	1.4	53.44	1.1 E	0.8 N	0.1	-0.1	0.0
10	1000.0	0.34	139.95	151.95	1000.0	-0.8	1.7	86.77	1.7 E	0.1 N	0.1	0.0	0.1
11	1100.0	0.26	159.35	171.35	1100.0	-1.3	1.9	102.25	1.8 E	0.4 S	0.1	0.1	-0.1
12	1200.0	0.38	149.38	161.38	1200.0	-1.8	2.2	115.56	2.0 E	0.8 S	0.1	-0.1	0.1
13	1300.0	0.58	160.15	172.15	1300.0	-2.6	2.8	129.14	2.2 E	1.8 S	0.2	0.1	0.2
14	1400.0	0.76	164.80	176.80	1400.0	-3.7	3.7	142.14	2.3 E	2.9 S	0.2	0.1	0.2
15	1500.0	0.78	165.84	177.84	1500.0	-4.9	4.9	151.34	2.3 E	4.3 S	0.0	0.0	0.0
16	1600.0	0.76	165.71	177.71	1600.0	-6.1	6.1	156.99	2.4 E	5.6 S	0.0	-0.0	-0.0
17	1700.0	0.75	176.01	188.01	1700.0	-7.2	7.3	161.54	2.3 E	6.9 S	0.1	0.1	-0.0
18	1800.0	0.64	195.55	207.55	1799.9	-8.0	8.3	166.45	1.9 E	8.1 S	0.2	0.2	-0.1
19	1900.0	0.81	202.70	214.70	1899.9	-8.6	9.3	171.96	1.3 E	9.2 S	0.2	0.1	0.2
20	2000.0	0.87	211.01	223.01	1999.9	-9.2	10.3	177.90	0.4 E	10.3 S	0.1	0.1	0.1
21	2100.0	0.68	214.84	226.84	2099.9	-9.5	11.3	182.93	0.6 W	11.3 S	0.2	0.1	-0.2
22	2200.0	0.52	286.31	300.31	2199.9	-9.1	11.5	187.75	1.5 W	11.4 S	0.7	0.8	-0.2
23	2300.0	1.39	329.19	341.19	2299.9	-7.4	10.4	194.31	2.6 W	10.1 S	1.1	0.7	0.9
24	2400.0	1.46	349.25	1.25	2399.9	-5.1	8.2	201.10	3.0 W	7.7 S	0.5	-8.5	0.1
25	2500.0	0.86	32.82	44.82	2499.8	-3.9	6.2	200.48	2.2 W	5.8 S	1.0	0.9	-0.6
26	2600.0	1.03	75.06	87.06	2599.8	-4.1	5.2	187.81	0.7 W	5.2 S	0.7	0.7	0.2
27	2700.0	1.45	78.31	90.31	2699.8	-5.1	5.3	164.24	1.5 E	5.1 S	0.4	0.1	0.4
28	2800.0	1.89	78.58	90.58	2799.8	-6.6	6.0	139.79	4.4 E	5.2 S	0.4	0.0	0.4
29	2900.0	1.80	76.26	88.26	2899.7	-8.2	9.2	123.75	7.7 E	5.1 S	0.1	-0.1	0.0
30	3000.0	1.50	89.50	101.50	2999.7	-9.9	11.9	116.86	10.6 E	5.4 S	0.5	0.4	-0.4
31	3100.0	1.46	89.65	101.65	3099.6	-11.6	14.4	114.15	13.2 E	5.9 S	0.0	0.0	-0.0
32	3200.0	1.63	86.50	98.50	3199.6	-13.4	17.0	111.95	15.8 E	6.4 S	0.2	-0.1	0.2
33	3300.0	1.61	91.77	103.77	3299.6	-15.2	19.8	110.41	18.6 E	6.9 S	0.1	0.1	-0.0
34	3400.0	1.61	91.23	103.23	3399.5	-17.2	22.6	109.56	21.3 E	7.6 S	0.0	-0.0	0.0
35	3500.0	1.74	100.90	112.90	3499.5	-19.3	25.5	109.99	24.1 E	8.5 S	0.3	0.3	0.1

Geoservices-Directional

Deviation report

Well : UTE-8 ST "3"
 Field : BARKER CREEK PARADOX
 Company : MERIDIAN OIL CO.

Surv no	Measured depth feet	Drift angle degree	Azimuth magnt. degree	Azimuth geogr. degree	Vertical depth feet	Horizontal projection feet	Horizontal disolcmt feet	Average Az(geo) degree	Relative Coordinates East/West feet	North/South feet	Dog leg dleg dltg grdu /100ft
Computation method : Radius of curvature											
36	3600.0	1.87	98.47	118.47	3599.4	-21.8	28.7	109.64	27.0 E	9.6 S	0.2 -0.1 0.1
37	3700.0	1.71	96.07	108.07	3699.4	-24.2	31.8	109.60	30.0 E	10.7 S	0.2 -0.1 -0.2
38	3800.0	1.34	104.56	116.56	3799.3	-25.3	34.5	109.81	32.4 E	11.7 S	0.4 0.2 -0.4
39	3900.0	1.12	115.37	127.37	3899.3	-28.2	36.6	110.52	34.2 E	12.8 S	0.3 0.2 -0.2
40	4000.0	1.24	119.37	131.37	3999.3	-30.1	38.5	111.51	35.8 E	14.1 S	0.1 0.1 0.1
41	4100.0	1.15	118.01	130.01	4099.3	-32.1	40.5	112.48	37.4 E	15.5 S	0.1 -0.0 -0.1
42	4200.0	1.08	124.00	136.00	4199.3	-33.9	42.3	113.40	38.8 E	16.8 S	0.1 0.1 -0.1
43	4300.0	1.04	120.70	132.70	4299.2	-35.7	44.1	114.26	40.2 E	18.1 S	0.1 -0.1 -0.0
44	4400.0	0.78	129.34	141.34	4399.2	-37.3	45.5	115.03	41.2 E	19.3 S	0.3 0.1 -0.3
45	4500.0	0.97	119.71	131.71	4499.2	-38.7	46.9	115.71	42.3 E	20.4 S	0.2 -0.1 0.2
46	4600.0	0.90	125.52	137.52	4599.2	-40.3	48.5	116.34	43.5 E	21.5 S	0.1 0.1 -0.1
47	4700.0	1.02	111.69	123.69	4699.2	-41.9	50.1	116.81	44.7 E	22.6 S	0.3 -0.2 0.1
48	4800.0	1.19	123.59	135.59	4799.2	-43.7	52.0	117.28	46.2 E	23.8 S	0.3 0.2 0.2
49	4900.0	1.23	109.58	121.58	4899.1	-45.7	54.1	117.72	47.9 E	25.1 S	0.3 -0.3 0.0
50	5000.0	1.14	111.87	123.87	4999.1	-47.5	56.1	117.90	49.6 E	26.3 S	0.1 0.0 -0.1
51	5100.0	0.96	116.33	128.33	5099.1	-49.2	57.9	118.16	51.1 E	27.3 S	0.2 0.1 -0.2
52	5200.0	1.17	107.56	119.56	5199.1	-50.9	59.8	118.34	52.6 E	28.4 S	0.3 -0.2 0.2
53	5300.0	1.10	115.05	127.05	5299.1	-52.6	61.8	118.50	54.3 E	29.5 S	0.2 0.1 -0.1
54	5400.0	1.06	112.70	124.70	5399.0	-54.4	63.6	118.72	55.8 E	30.6 S	0.0 -0.0 -0.0
55	5500.0	1.11	106.96	118.96	5499.0	-56.0	65.5	118.81	57.4 E	31.6 S	0.1 -0.1 0.1
56	5600.0	1.20	109.99	121.99	5599.0	-57.8	67.5	118.86	59.1 E	32.6 S	0.1 0.1 0.1
57	5700.0	1.08	114.31	126.31	5699.0	-59.6	69.5	119.01	60.8 E	33.7 S	0.1 0.1 -0.1
58	5800.0	1.11	110.17	122.17	5799.0	-61.3	71.4	119.15	62.4 E	34.8 S	0.1 -0.1 0.0
59	5900.0	1.00	105.80	117.80	5899.0	-62.9	73.3	119.17	64.0 E	35.7 S	0.1 -0.1 -0.1
60	6000.0	0.85	124.20	136.20	5998.9	-64.4	74.9	119.34	65.3 E	36.7 S	0.3 0.3 -0.0
61	6100.0	1.21	124.15	136.15	6098.9	-66.3	76.7	119.75	66.6 E	38.1 S	0.3 -0.0 0.3
62	6200.0	0.80	124.20	136.20	6198.9	-68.1	78.5	120.13	67.9 E	39.4 S	0.3 0.0 -0.3
63	6300.0	1.00	119.27	131.27	6298.9	-69.7	80.1	120.41	69.1 E	40.6 S	0.1 -0.1 0.1
64	6400.0	0.88	123.81	135.81	6398.9	-71.2	81.7	120.67	70.3 E	41.7 S	0.1 0.1 -0.1
65	6500.0	0.76	108.16	120.16	6498.9	-72.6	83.1	120.79	71.4 E	42.6 S	0.3 -0.2 -0.1
66	6600.0	0.55	102.96	114.96	6598.9	-73.5	84.3	120.75	72.4 E	43.1 S	0.2 -0.1 -0.2
67	6700.0	0.78	115.83	127.83	6698.9	-74.5	85.4	120.76	73.4 E	43.7 S	0.3 0.1 0.2
68	6800.0	0.77	117.67	128.67	6798.8	-75.8	86.8	120.89	74.5 E	44.5 S	0.0 0.0 -0.0
69	6900.0	0.72	114.48	126.48	6898.8	-77.0	88.1	120.99	75.5 E	45.3 S	0.1 -0.0 -0.0
70	7000.0	0.68	108.43	120.43	6998.8	-78.1	89.3	121.02	76.5 E	46.0 S	0.1 -0.1 -0.0
71	7100.0	1.06	108.92	120.92	7098.8	-79.4	90.8	121.02	77.8 E	46.8 S	0.4 0.0 0.4
72	7200.0	1.14	109.98	121.98	7198.8	-81.1	92.7	121.03	79.5 E	47.8 S	0.1 0.0 0.1
73	7300.0	1.20	107.38	119.38	7298.8	-82.9	94.6	121.02	81.2 E	48.8 S	0.1 -0.1 0.1
74	7400.0	1.31	103.05	115.05	7398.8	-84.8	97.0	120.93	83.2 E	49.8 S	0.1 -0.1 0.1
75	7500.0	1.70	105.10	117.10	7498.7	-86.9	99.6	120.80	85.5 E	51.0 S	0.4 0.1 0.4
76	7500.0	1.70	103.48	115.48	7598.7	-89.4	102.6	120.87	88.2 E	52.3 S	0.0 -0.0 0.0
77	7679.0	2.75	18.00	30.00	7677.5	-90.1	104.4	119.54	90.9 E	51.5 S	3.9 -4.2 1.3
78	7711.0	7.37	328.00	340.00	7709.5	-87.3	103.3	118.16	91.1 E	48.8 S	18.7 85.4 14.4

Geoservices-Directional

Deviation report

Well : UTE-B ST "B"
 Field : BARKER CREEK PARADOX
 Company : MERIDIAN OIL CO.

Surv no	Measured depth feet	Drift angle degree	Azimat magnt. degree	Azimat geogr. degree	Vertical depth feet	Horizntl prjction feet	Horizntl displcmt feet	Average Az(geo) degree	Relative East/West feet	Coordinates. Nor/South feet	Dog leg			
												dleg	dIGH	grbu
												/100ft		
Computation method : Radius of curvature														
79	7743.0	12.62	310.50	322.50	7741.0	-82.2	98.7	116.41	88.4 E	43.9 S	18.8	-9.5	15.4	
80	7775.0	18.37	305.00	317.00	7771.8	-73.8	91.0	114.27	82.9 E	37.4 S	18.5	-4.6	19.0	
81	7807.0	23.87	305.50	317.50	7801.7	-62.6	80.5	111.07	75.1 E	28.9 S	17.2	0.6	17.2	
82	7860.0	27.62	309.50	321.50	7849.4	-39.9	61.2	100.76	60.2 E	11.4 S	7.8	3.3	7.1	
83	7891.0	31.63	308.00	318.00	7876.3	-24.9	50.3	89.71	50.3 E	0.3 N	14.1	-5.6	12.9	
84	7922.0	36.25	305.00	317.00	7902.0	-8.0	40.7	71.35	38.6 E	13.0 N	15.0	-1.8	14.9	
85	7953.0	40.88	305.50	317.50	7926.3	10.9	37.3	43.10	25.5 E	27.2 N	15.0	1.0	14.9	
86	7984.0	45.13	301.00	313.00	7948.9	31.3	43.5	14.07	10.6 E	42.2 N	16.9	-9.9	13.7	
87	8015.0	50.00	301.50	313.50	7969.8	53.2	58.2	354.00	8.1 W	57.9 N	15.7	1.2	15.7	
88	8046.0	55.13	303.50	315.50	7988.7	76.9	78.8	342.54	23.6 W	75.1 N	17.3	5.1	16.5	
89	8078.0	60.00	306.50	318.50	8005.8	103.2	103.8	336.10	42.0 W	94.9 N	17.1	7.9	15.2	
90	8110.0	64.13	309.50	321.50	8020.8	131.1	131.2	332.67	60.2 W	116.5 N	15.3	8.3	12.9	
91	8142.0	68.38	312.50	324.50	8033.7	160.1	160.1	330.91	77.8 W	139.9 N	15.8	8.6	13.3	
92	8174.0	73.25	313.50	325.50	8044.2	190.2	190.2	329.97	95.2 W	164.7 N	15.5	3.0	15.2	
93	8205.0	78.25	314.50	326.50	8051.6	220.3	220.2	329.43	112.0 W	189.6 N	18.6	3.1	19.4	
94	8237.0	85.87	316.00	328.00	8055.7	251.9	251.9	329.16	129.1 W	216.3 N	21.2	4.6	20.7	
95	8253.0	88.13	318.00	330.00	8056.6	267.9	267.9	329.15	137.4 W	230.0 N	18.8	12.5	14.1	
96	8272.0	88.25	321.50	333.50	8057.2	286.9	286.9	329.32	146.4 W	248.7 N	18.4	18.4	0.6	
97	8304.0	88.00	327.50	339.50	8058.2	318.7	318.6	330.04	159.1 W	276.0 N	18.8	18.7	-0.8	
98	8337.0	88.25	328.00	340.00	8059.3	351.2	351.1	330.95	170.5 W	307.0 N	1.7	1.5	0.8	
99	8369.0	88.50	328.00	340.00	8060.2	382.7	382.8	331.70	181.5 W	337.0 N	0.8	0.0	0.8	
100	8400.0	88.75	327.50	339.50	8060.9	413.2	413.5	332.30	192.2 W	366.1 N	1.8	-1.6	0.8	
101	8432.0	89.12	327.00	339.00	8061.5	444.8	445.3	332.80	203.5 W	396.0 N	1.9	-1.6	1.2	
102	8464.0	89.25	327.50	339.50	8062.0	476.4	477.1	333.23	214.9 W	425.9 N	1.6	1.6	0.4	
103	8496.0	89.62	327.50	339.50	8062.3	507.9	508.9	333.62	226.1 W	455.9 N	1.2	0.0	1.2	
104	8528.0	90.12	328.00	340.00	8062.4	540.5	541.7	334.00	237.5 W	486.9 N	2.1	1.5	1.5	
105	8561.0	99.12	327.00	339.00	8062.6	572.0	573.6	334.30	248.7 W	516.8 N	4.4	-3.1	-3.1	
106	8593.0	89.13	327.00	339.00	8063.1	603.6	605.5	334.55	260.2 W	546.7 N	0.0	0.0	0.0	
107	8625.0	88.62	327.00	339.00	8063.7	635.2	637.4	334.77	271.6 W	578.6 N	1.6	0.0	-1.6	
108	8657.0	89.00	327.00	339.00	8064.4	666.8	669.3	334.98	283.1 W	606.4 N	1.2	0.0	1.2	
109	8688.0	89.37	328.00	340.00	8064.8	697.4	700.2	335.18	294.0 W	635.5 N	3.4	3.2	1.2	
110	8719.0	88.50	327.50	339.50	8065.4	727.0	730.1	335.36	304.3 W	663.8 N	3.3	-1.7	-2.9	
111	8751.0	88.00	327.50	339.50	8066.4	758.5	763.0	335.54	315.9 W	694.5 N	1.5	0.0	-1.5	
112	8782.0	87.25	325.50	337.50	8067.7	790.1	793.9	335.85	327.2 W	723.3 N	8.9	-6.4	-2.4	
113	8815.0	87.37	325.50	337.50	8069.2	822.8	826.9	335.73	338.9 W	753.8 N	0.4	0.0	0.4	
114	8847.0	88.50	324.50	336.50	8070.4	854.6	858.8	335.78	352.3 W	783.2 N	4.7	-3.1	3.5	
115	8879.0	89.12	324.00	336.00	8071.0	886.4	890.9	335.80	365.2 W	812.5 N	2.5	-1.6	1.9	
116	8912.0	89.75	324.00	336.00	8071.4	919.2	923.8	335.80	378.7 W	842.7 N	1.9	0.0	1.9	
117	8944.0	90.12	323.50	335.50	8071.4	951.0	955.8	335.80	391.8 W	871.8 N	1.9	-1.6	1.2	
118	8975.0	90.12	323.50	335.50	8071.3	981.8	986.6	335.79	404.7 W	900.0 N	0.0	0.0	0.0	
119	9007.0	88.37	323.00	335.00	8071.8	1013.7	1018.8	335.77	418.0 W	929.1 N	5.7	-1.6	-5.5	
120	9039.0	88.25	323.00	335.00	8072.7	1044.6	1049.8	335.75	431.1 W	957.2 N	0.4	0.0	-0.4	
121	9070.0	89.25	323.00	335.00	8073.4	1076.5	1081.8	335.73	444.7 W	986.2 N	3.1	0.0	3.1	

Geoservices-Directional

Deviation report

Well : UTE-B ST "B"
 Field : BARKER CREEK PARADOX
 Company : MERIDIAN OIL CO.

Surv no	Measured depth feet	Drift angle degree	Azimut magnt. degree	Azimut geogr. degree	Vertical depth feet	Horizntl prjction feet	Horizntl displcmt feet	Average Az(gao) degree	Relative Coordinates		Dog leg		
									East/West feet	Nor/South feet	dleg /100ft	dlgH	grBu
Computation method : Radius of curvature													
122	9102.0	88.87	323.50	335.50	8073.9	1108.3	1113.8	335.72	458.1 W	1015.2 N	1.9	1.6	-1.2
123	9131.0	87.37	322.50	334.50	8074.8	1137.2	1142.8	335.70	470.3 W	1041.5 N	6.2	-3.4	-5.2
124	9164.0	87.37	323.00	335.00	8076.4	1170.1	1175.7	335.67	484.4 W	1071.3 N	1.5	1.5	0.0
125	9196.0	88.00	323.00	335.00	8077.6	1201.9	1207.7	335.65	497.9 W	1100.3 N	1.9	0.0	2.0
126	9228.0	88.37	323.00	335.00	8078.7	1233.8	1239.7	335.64	511.4 W	1129.3 N	1.2	0.0	1.2
127	9260.0	87.62	322.00	334.00	8079.8	1265.7	1271.6	335.61	525.2 W	1158.1 N	3.9	-3.1	-2.3
128	9292.0	87.50	322.50	334.50	8081.1	1297.5	1303.6	335.57	539.1 W	1186.9 N	1.6	1.6	-0.4
129	9324.0	87.62	322.50	334.50	8082.5	1329.4	1335.6	335.55	552.8 W	1215.8 N	0.3	0.0	0.4
130	9356.0	87.50	322.50	334.50	8083.9	1361.3	1367.5	335.52	566.6 W	1244.6 N	0.3	0.0	-0.4
131	9388.0	87.25	323.00	335.00	8085.4	1394.1	1400.5	335.51	580.6 W	1274.5 N	1.7	1.5	-0.8
132	9421.0	86.87	323.00	335.00	8087.0	1426.0	1432.5	335.49	594.2 W	1303.4 N	1.2	0.0	-1.2
133	9452.0	86.87	323.00	335.00	8088.7	1456.8	1463.4	335.48	607.2 W	1331.5 N	0.0	0.0	0.0
134	9484.0	86.87	323.50	335.50	8090.5	1488.6	1495.4	335.48	620.6 W	1360.5 N	1.5	1.6	0.0
135	9516.0	87.00	323.50	335.50	8092.2	1520.4	1527.3	335.48	633.9 W	1389.8 N	0.4	0.0	0.4
136	9548.0	87.37	323.00	335.00	8093.8	1553.3	1560.3	335.47	647.7 W	1419.5 N	1.9	-1.5	1.1
137	9581.0	88.25	323.50	335.50	8095.0	1585.1	1592.3	335.47	661.0 W	1448.5 N	3.2	1.6	2.7
138	9613.0	89.00	324.00	336.00	8095.8	1616.8	1624.2	335.48	674.2 W	1477.7 N	2.8	1.6	2.3
139	9645.0	89.37	323.50	335.50	8096.2	1648.8	1656.2	335.48	687.3 W	1506.9 N	1.9	-1.6	1.2
140	9676.0	89.87	322.00	334.00	8096.4	1679.7	1687.2	335.47	700.6 W	1534.9 N	5.1	-4.8	1.6
141	9708.0	89.37	322.00	334.00	8096.7	1711.6	1719.2	335.44	714.6 W	1563.7 N	1.5	0.0	-1.6
142	9740.0	88.75	322.00	334.00	8097.2	1743.5	1751.2	335.41	728.6 W	1592.4 N	1.9	0.0	-1.9
143	9772.0	88.12	322.00	334.00	8098.1	1775.4	1783.2	335.39	742.6 W	1621.2 N	2.0	0.0	-2.0
144	9804.0	87.87	322.50	334.50	8099.2	1807.3	1815.2	335.37	756.5 W	1650.0 N	1.7	1.6	-0.8
145	9837.0	88.00	322.50	334.50	8100.4	1840.2	1848.1	335.35	770.7 W	1679.8 N	0.4	0.0	0.4
146	9868.0	87.62	323.00	335.00	8101.5	1871.0	1879.1	335.34	783.9 W	1707.8 N	2.0	1.6	-1.2
147	9900.0	87.37	322.50	334.50	8102.9	1902.9	1911.1	335.33	797.6 W	1736.7 N	1.7	-1.6	-0.8
148	9933.0	87.12	323.00	335.00	8104.5	1935.7	1944.0	335.32	811.6 W	1766.5 N	1.7	1.5	-0.8
149	9965.0	86.75	322.50	334.50	8106.2	1967.6	1976.0	335.31	825.3 W	1795.4 N	1.9	-1.6	-1.2
150	9997.0	85.75	323.00	335.00	8108.3	1999.4	2007.9	335.31	839.9 W	1824.3 N	3.5	1.6	-3.1
151	10030.0	85.75	323.00	335.00	8110.8	2032.2	2040.8	335.30	852.8 W	1854.1 N	0.0	0.0	0.0
152	10060.0	85.63	323.50	335.50	8113.0	2062.0	2070.7	335.30	865.3 W	1881.3 N	1.7	1.7	-0.4
153	10091.0	85.12	323.50	335.50	8115.5	2092.7	2101.6	335.30	878.1 W	1909.4 N	1.6	0.0	-1.6
154	10123.0	84.82	323.50	335.50	8118.4	2124.5	2133.6	335.31	891.3 W	1938.4 N	1.6	0.0	-1.6
155	10154.0	84.82	324.00	336.00	8121.3	2155.2	2164.4	335.31	904.0 W	1966.5 N	1.6	1.6	0.0
156	10185.0	84.75	324.50	336.50	8124.2	2185.9	2195.2	335.32	916.5 W	1994.8 N	1.6	1.6	0.4
157	10202.0	84.87	326.50	338.50	8125.7	2202.6	2212.2	335.34	922.9 W	2010.4 N	11.7	11.7	0.7
158	10233.0	84.62	327.00	339.00	8128.6	2233.2	2243.0	335.39	934.1 W	2039.2 N	1.8	1.6	-0.8
159	10266.0	84.87	327.00	339.00	8131.6	2265.6	2275.8	335.44	945.9 W	2069.9 N	0.8	0.0	0.8
160	10296.0	84.87	327.00	339.00	8134.3	2295.1	2305.6	335.49	956.6 W	2097.8 N	0.0	0.0	0.0
161	10327.0	85.12	327.50	339.50	8137.0	2325.6	2336.4	335.54	967.5 W	2126.7 N	1.8	1.6	0.8
162	10370.0	85.50	328.20	340.20	8140.5	2367.8	2379.1	335.61	982.3 W	2166.9 N	1.8	1.6	0.9