

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

State of New Mexico
Energy Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-03084
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lea	857943

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT				
b. Type of Completion: NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES. ☐ OTHER ☐ DIRECTIONAL DRILL					
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.	8. Well No. 110				
3. Address of Operator 205 E. Bender, HOBBS, NM 88240	9. Pool Name or Wildcat VACUUM GRAYBURG SAN ANDRES				
4. Well Location SAR Unit Letter J 1980 Feet From The SOUTH Line and 2310 Feet From The EAST Line BHL * Section 6 Township 18S Range 35E NMPM LEA COUNTY					
10. Date Spudded 2/25/98	11. Date T.D. Reached 3/12/98	12. Date Compl. (Ready to Prod.) 4/2/98	13. Elevations (DF & RKB, RT, GR, etc.) 3975'	14. Elev. Csghead	
15. Total Depth 6434'	16. Plug Back T.D. 6434'	17. If Mult. Compl. How Many Zones?	18. Intervals Drilled By ROTARY	Rotary Tools ROTARY	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3962-6434' EAST GRAYBURG					20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run					22. Was Well Cored No

CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
NO CHANGE			NO CHANGE		

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3600'	3875'
26. Perforation record (interval, size, and number) 3962-6434'				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
				3962-6434'			

28. PRODUCTION							
Date First Production 5/5/98		Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING 4"X19'					Well Status (Prod. or Shut-in) P
Date of Test 5-11-98	Hours tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl. 170	Gas - MCF 62	Water - Bbl. 209	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By
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30. List Attachment	
31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.	
SIGNATURE <i>J. Denise Leake</i>	TITLE Engineering Assistant
DATE 5/20/98	Telephone No. 397-0405
TYPE OR PRINT NAME J. Denise Leake	

BHL * #1 2397/5 & 349/E I-6-19-35
#2 2251/5 & 3321/E K-6-19-35



Job Number:

Company: TEXACO E&P

Lease/Well: CENTRAL VACUUM UNIT #110

Location: LEA COUNTY

Rig Name:

RKB:

G.L. or M.S.L.:

State/Country: NEW MEXICO

Declination:

Grid:

File Name: C:\TEXACO~1\CVUICVU110\CVU110.SVY

Date/Time: 22-Dec-97 / 13:18

Curve Name: PROPOSAL - NE (LWR) LAT

R80/S & 230/E

SUR: J-6-18-35

BHL #1 2397/S & 349/E I-6-18-35

BHL #2 225/S & 332/E K-6-18-35

PHOENIX DRILLING SERVICES, INC.

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

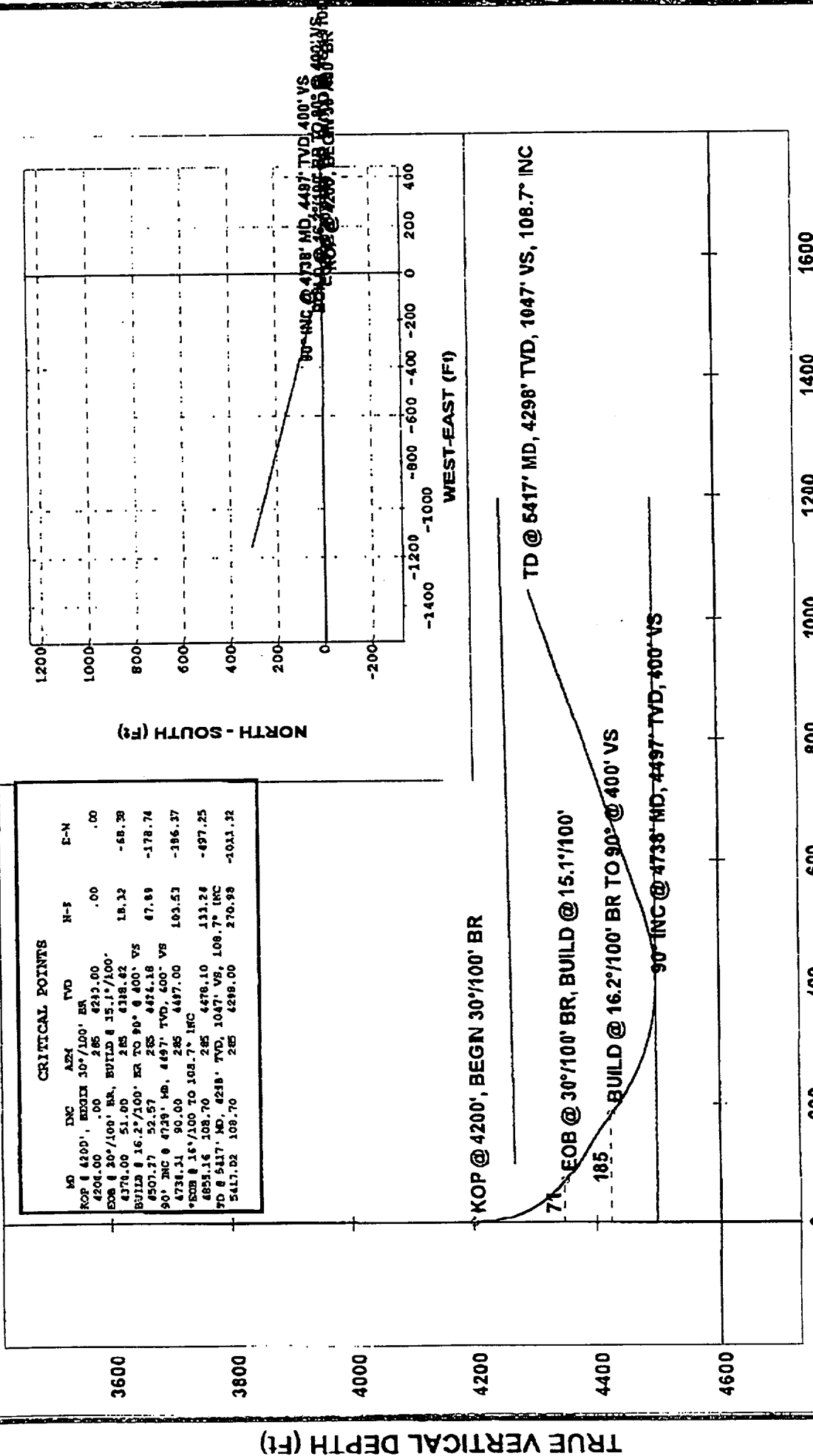
Vertical Section Plane 78.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
4200.00	.00	285.00	4200.00	.00	.00	.00	.00	.00	.00
4210.00	3.00	285.00	4210.00	.07	-.25	-.23	.26	285.00	30.00
4220.00	6.00	285.00	4219.96	.27	-1.01	-.93	1.05	285.00	30.00
4230.00	9.00	285.00	4229.88	.61	-2.27	-2.10	2.35	285.00	30.00
4235.00	10.50	285.00	4234.80	.83	-3.09	-2.85	3.20	285.00	30.00
OPEN HOLE KICK-OFF, 40'/100' BR									
4236.00	10.50	105.00	4235.80	.83	-3.09	-2.85	3.20	285.00	2100.00
4246.00	14.57	96.02	4245.56	.46	-.96	-.84	1.08	295.66	45.00
4256.00	18.83	90.96	4255.14	.30	1.91	1.93	1.93	81.05	45.00
4266.00	23.18	87.73	4264.47	.35	5.49	5.44	5.50	86.34	45.00
4276.00	27.58	85.46	4273.50	.61	9.77	9.68	9.79	86.41	45.00
4286.00	32.00	83.77	4282.18	1.08	14.71	14.62	14.75	85.79	45.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4296.00	36.44	82.46	4290.45	1.76	20.29	20.21	20.37	85.04	45.00
4306.00	40.89	81.38	4298.25	2.64	28.47	26.45	26.61	84.30	45.00
4316.00	45.34	80.48	4305.55	3.72	33.22	33.27	33.43	83.61	45.00
4326.00	49.81	78.70	4312.30	4.99	40.49	40.64	40.80	82.97	45.00
4336.00	54.27	78.02	4318.44	6.45	48.24	48.52	48.67	82.38	45.00
4346.00	58.75	78.39	4323.98	8.08	56.41	56.86	56.99	81.85	45.00
4356.00	63.22	77.82	4328.81	9.89	64.97	65.60	65.72	81.35	45.00
4359.56	64.81	77.62	4330.37	10.57	68.09	68.80	68.91	81.18	45.00
4359.83	64.78	77.62	4330.40	10.58	68.16	68.87	68.97	81.18	45.00
4459.63	64.78	77.62	4373.02	29.98	156.52	159.33	159.36	79.16	.00
4559.63	64.78	77.62	4415.63	49.37	244.88	249.79	249.81	78.60	.00
4659.63	64.78	77.62	4458.25	68.77	333.24	340.26	340.26	78.34	.00
4759.63	64.78	77.62	4500.86	88.17	421.60	430.72	430.72	78.19	.00
4859.63	64.78	77.62	4543.48	107.58	509.98	521.18	521.18	78.09	.00
4954.68	64.77	77.62	4583.99	126.00	593.95	607.16	607.16	78.02	.01
4962.93	66.00	77.67	4587.43	127.60	601.27	614.66	614.66	78.02	15.00
4972.93	67.50	77.72	4591.38	129.56	610.25	623.85	623.85	78.01	15.00
4982.93	69.00	77.77	4595.08	131.53	618.33	633.14	633.14	78.01	15.00
4992.93	70.50	77.82	4598.54	133.51	628.50	642.52	642.52	78.01	15.00
5002.93	72.00	77.87	4601.76	135.51	637.75	651.99	651.99	78.00	15.00
5012.93	73.50	77.90	4604.72	137.51	647.09	661.54	661.54	78.00	15.00
5022.93	75.00	77.93	4607.44	139.53	656.50	671.16	671.16	78.00	15.00
5032.93	76.50	77.96	4609.90	141.55	665.98	680.86	680.86	78.00	15.00
5042.93	78.00	77.98	4612.10	143.58	675.52	690.61	690.61	78.00	15.00
5052.93	79.50	77.99	4614.05	145.63	685.11	700.42	700.42	78.00	15.00
5062.93	81.00	78.00	4615.75	147.68	694.75	710.27	710.27	78.00	15.00
5072.93	82.50	78.01	4617.18	149.73	704.43	720.17	720.17	78.00	15.00
5082.93	84.00	78.01	4618.36	151.80	714.14	730.10	730.10	78.00	15.00
5092.93	85.50	78.01	4619.27	153.86	723.88	740.06	740.06	78.00	15.00
Build @ 15.0 .00°									
5102.93	87.00	78.00	4619.93	155.94	733.64	750.03	750.03	78.00	15.00

Measured Depth FT	Ind Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
5132.93	91.50	78.00	4620.32	162.17	762.98	780.02	780.02	78.00	15.00
5162.93	96.00	78.00	4618.36	168.40	792.25	809.95	809.95	78.00	15.00
5192.93	100.50	78.00	4614.05	174.57	821.29	839.63	839.63	78.00	15.00
Hold @ 101.6									
5200.42	101.62	78.00	4612.62	176.10	828.48	846.98	846.99	78.00	15.00
5300.42	101.62	78.00	4592.47	198.48	924.29	944.94	944.94	78.00	.00
5400.42	101.62	78.00	4572.32	216.83	1020.10	1042.89	1042.89	78.00	.00
5500.42	101.62	78.00	4552.17	237.19	1115.90	1140.83	1140.83	78.00	.00
5600.42	101.62	78.00	4532.02	257.58	1211.71	1238.78	1238.78	78.00	.00
Drop @ 15.0 101.82'									
5660.92	101.62	78.00	4519.83	269.88	1289.67	1298.04	1298.04	78.00	.00
5660.98	101.61	78.00	4519.82	269.89	1289.73	1298.10	1298.10	78.00	15.00
5662.33	101.41	78.00	4519.55	270.18	1271.02	1289.42	1289.42	78.00	15.00
5678.41	99.00	78.00	4516.70	273.48	1286.51	1315.25	1315.25	78.00	15.00
5708.41	94.50	78.00	4513.18	279.65	1315.84	1345.03	1345.03	78.00	15.00
5736.41	80.00	78.00	4512.00	285.88	1344.95	1375.00	1375.00	78.00	15.00
5768.41	85.50	78.00	4513.18	292.11	1374.27	1404.97	1404.97	78.00	15.00
5798.41	81.00	78.00	4516.70	298.30	1403.40	1434.75	1434.75	78.00	15.00
5828.41	78.50	78.00	4522.55	304.42	1432.17	1464.17	1464.17	78.00	15.00
5847.60	73.62	78.00	4527.50	308.27	1450.30	1482.71	1482.71	78.00	15.00
5947.60	73.62	78.00	4555.70	328.22	1544.15	1578.65	1578.65	78.00	.00
6047.60	73.62	78.00	4583.89	348.17	1638.00	1674.59	1674.59	78.00	.00
6147.60	73.62	78.00	4612.09	368.11	1731.84	1770.53	1770.53	78.00	.00
6247.60	73.62	78.00	4640.29	388.06	1825.69	1866.47	1866.47	78.00	.00
6347.60	73.62	78.00	4668.48	408.01	1919.53	1962.42	1962.42	78.00	.00
TD @ 6392' MD, 4681' TVD, 2005' VS, 73.62'									
6391.98	73.62	78.00	4681.00	416.88	1961.19	2005.00	2005.00	78.00	.00

Company: TEXACO E&P
 Lease/Well: CENTRAL VACUUM UNIT #110
 Location: LEA COUNTY
 Declination:
 File name: C:\TEXACO~1\CVU\CVU110\CVU110.SVY
 Date/Time: 22-Dec-97 / 12:19



° - PROPOSAL - NW (UPR) LAT

**Job Number:****Company:** TEXACO E&P**Lease/Met:** CENTRAL VACUUM UNIT #110**Location:** LEA COUNTY**Rig Name:****RKB:****G.L. or M.S.L.:****State/Country:** NEW MEXICO**Declination:****Grid:****File name:** C:\TEXACO\11CVU\CVU110CVU110.SVY**Date/Time:** 22-Dec-97 / 12:19**Curve Name:** PROPOSAL - NW (UPR) LAT**PHOENIX DRILLING SERVICES, INC.****WINSERVE SURVEY CALCULATIONS**

Minimum Curvature Method

Vertical Section Plane 285.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
4200.00	.00	285.00	4200.00	.00	.00	.00	.00	.00	.00
4210.00	3.00	285.00	4210.00	.07	-.25	.26	.28	285.00	30.00
4220.00	6.00	285.00	4219.96	.27	-1.01	1.05	1.05	285.00	30.00
4230.00	9.00	285.00	4229.88	.61	-2.27	2.35	2.35	285.00	30.00
4240.00	12.00	285.00	4239.71	1.08	-4.03	4.17	4.17	285.00	30.00
4250.00	15.00	285.00	4249.43	1.68	-6.29	6.51	6.51	285.00	30.00
4260.00	18.00	285.00	4259.02	2.42	-9.03	9.35	9.35	285.00	30.00
4270.00	21.00	285.00	4268.44	3.28	-12.25	12.69	12.69	285.00	30.00
4280.00	24.00	285.00	4277.68	4.27	-15.95	16.51	16.51	285.00	30.00
4290.00	27.00	285.00	4286.71	5.39	-20.11	20.82	20.82	285.00	30.00
4300.00	30.00	285.00	4295.49	6.62	-24.72	25.59	25.59	285.00	30.00

KOP @ 4200', BEGIN 30°/100' BR

Measured Depth FT	Ind Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4310.00	33.00	285.00	4304.02	7.97	-29.76	30.81	30.81	285.00	30.00
4320.00	36.00	285.00	4312.26	9.44	-35.23	36.48	36.48	285.00	30.00
4330.00	39.00	285.00	4320.19	11.02	-41.11	42.56	42.56	285.00	30.00
4340.00	42.00	285.00	4327.79	12.70	-47.38	49.06	49.06	285.00	30.00
4350.00	45.00	285.00	4335.05	14.48	-54.03	55.94	55.94	285.00	30.00
4360.00	48.00	285.00	4341.93	16.36	-61.04	63.19	63.19	285.00	30.00
EOB @ 30°/100' BR, BUILD @ 15.1°/100'									
4370.00	51.00	285.00	4348.42	18.32	-68.38	70.79	70.79	285.00	30.00
4400.00	55.53	285.00	4366.36	24.54	-91.60	94.83	94.83	285.00	15.10
4430.00	60.06	285.00	4382.35	31.11	-116.11	120.21	120.21	285.00	15.10
4440.26	61.61	285.00	4387.34	33.43	-124.76	129.16	129.16	285.00	15.10
4453.41	59.62	285.00	4393.80	36.40	-135.83	140.62	140.62	285.00	15.10
4466.56	57.64	285.00	4400.64	39.30	-146.68	151.85	151.85	285.00	15.10
4479.68	55.66	285.00	4407.86	42.14	-157.27	162.81	162.81	285.00	15.10
4492.67	53.89	285.00	4415.37	44.88	-167.50	173.41	173.41	285.00	15.10
4499.94	52.60	285.00	4419.73	46.39	-173.12	179.23	179.23	285.00	15.10
4500.11	52.57	285.00	4419.83	46.42	-173.25	179.36	179.36	285.00	15.10
4507.26	52.57	285.00	4424.18	47.89	-178.74	185.04	185.04	285.00	.00
BUILD @ 16.2°/100' BR TO 90° @ 400' VS									
4507.27	52.57	285.00	4424.18	47.89	-178.74	185.04	185.04	285.00	16.20
4508.94	52.84	285.00	4425.19	48.24	-180.02	186.37	186.37	285.00	16.20
4528.31	55.98	285.00	4436.47	52.31	-195.24	202.12	202.12	285.00	16.20
4558.31	60.84	285.00	4452.18	58.93	-219.91	227.67	227.67	285.00	16.20
4588.31	65.70	285.00	4465.67	65.86	-245.79	254.46	254.46	285.00	16.20
4618.31	70.56	285.00	4476.84	73.06	-272.67	282.29	282.29	285.00	16.20
4648.31	75.42	285.00	4485.61	80.48	-300.37	310.97	310.97	285.00	16.20
4678.31	80.28	285.00	4491.92	88.07	-328.69	340.28	340.28	285.00	16.20
4708.31	85.14	285.00	4495.73	95.77	-357.43	370.04	370.04	285.00	16.20
90° INC @ 4738' MD, 4497' TVD, 400' VS									
4738.31	90.00	285.00	4497.00	103.53	-388.37	400.00	400.00	285.00	16.20

Measured Depth FT	Inc Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4768.31	94.80	285.00	4495.74	111.28	-415.31	429.86	429.86	285.00	16.00
4798.31	99.80	285.00	4491.99	118.98	-444.08	459.72	459.72	285.00	16.00
4828.31	104.40	285.00	4485.75	126.58	-472.39	489.06	489.06	285.00	16.00
EOB @ 16"/100 TO 108.7" INC									
4855.16	108.70	285.00	4478.10	133.24	-487.25	514.79	514.79	285.00	16.00
4955.16	108.70	285.00	4446.05	157.75	-588.74	609.51	609.51	285.00	.00
5055.16	108.70	285.00	4413.99	182.27	-680.24	704.23	704.23	285.00	.00
5155.16	108.70	285.00	4381.94	208.79	-771.73	798.98	798.98	285.00	.00
5255.16	108.70	285.00	4349.88	231.30	-863.23	893.68	893.68	285.00	.00
5355.16	108.70	285.00	4317.83	255.82	-954.73	988.40	988.40	285.00	.00
TD @ 5417' MD, 4288" TVD, 1047' VS, 108.7" INC									
5417.02	108.70	285.00	4298.00	270.98	-1011.32	1047.00	1047.00	285.00	.00