

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S St Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-35681 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No. VB10650000
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK OVER ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER _____		7. Lease Name or Unit Agreement Name PICKET DRAW 16 STATE
2. Name of Operator SOUTHWESTERN ENERGY PRODUCTION COMPANY		8. Well No. 002H
3. Address of Operator 2350 N. Sam Houston Pkwy., E., Suite 125 Houston, TX 77032		9. Pool name or Wildcat CORRAL CANYON; DELAWARE WEST (13365)
4. Well Location Unit Letter <u>G</u> : 2600 Feet From The North Line and 1530 Feet From The East Line Section <u>16</u> Township <u>25S</u> Range <u>29E</u> NMPM <u>Eddy</u> County		
10. Date Spudded 10/30/2007	11. Date T.D. Reached 11/16/2007	12. Date Compl. (Ready to Prod.) 12/17/2007
13. Elevations (DF& RKB, RT, GR, etc.) 2995'		14. Elev. Casinghead
15. Total Depth TMD 7420 TVD 5211	16. Plug Back T.D. TMD 7335	17. If Multiple Compl. How Many Zones? N/A
18. Intervals Drilled By x		Rotary Tools x
19. Producing Interval(s), of this completion - Top, Bottom, Name 5527'-7300' Cherry Canyon		20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run: MWD GAMMA RAY MD & TVD		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB/FT.	DEPTH SET
16"	Conductor	40'
9-5/8"	36#	771'
5-1/2"	17#	7421'
		4577' DV TOOL
24. LINER RECORD		
SIZE	TOP	BOTTOM
SACKS CEMENT		SCREEN
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2-7/8	4641	
26. Perforation record (interval, size, and number) 5527 (3 SHOTS) 6133 (5 SHOTS) 7041 (6 SHOTS) 5692 (3 SHOTS) 6305 (5 SHOTS) 7300 (6 SHOTS) 5800 (4 SHOTS) 6544 (6 SHOTS) All 3-3/8" 5936 (4 SHOTS) 6805 (6 SHOTS)		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5527-7300' Acidize w/ 7000 gal 15% acid Frac w/ 7520 lbs 20/40 Sand & w/ 200600 lbs 16/30 Sand and 3392 bbls fluid		
28. PRODUCTION		
Date First Production 12/19/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
Well Status (Prod. or Shut-in) PROD.		
Date of Test 12/28/2007	Hours Tested 24	Choke Size 12/64
Flow Tubing Press. 125	Casing Pressure 80	Calculated 24-Hour Rate Oil - Bbl. 101 Gas - MCF --- Water - Bbl. 471
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Flaring/venting		Test Witnessed By BRUCE DRUMMOND
30. List Attachments LOGS, DIRECTIONAL SURVEY		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Signature <u>Martha C Howard</u> E-mail Address _____ Printed Name <u>Martha C. Howard</u> Staff Reg. Analyst _____ Date <u>1-18-2008</u>		

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy Rustler 480' MD	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt Salado 2510' MD	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2825' MD	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 3055' MD	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T. Cherry Canyon 3860	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 5527- 7300 MD & 5160' – 5207 TVD.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
480	2510	2030	ANHYD, LS, SH, SS
2510	2825	315	SALT, LS, ANHYD, SH
2825	3490	665	LS, SS, SH, ANHYD
3490	5560	2070	SS, SH, LS, ANHYD



**Southwestern Energy
Production Company**

A subsidiary of Southwestern Energy Company

2350 N. Sam Houston Parkway East
Suite 300
Houston, Texas 77032
(281) 618-4700 FAX: (281) 618-4757

VIA FEDERAL EXPRESS OVERNIGHT

January 18, 2008

JAN 23 2008
OCD-ARTESIA

Bryan Arrant
State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 88210

Dear Bryan:

SUBJECT: SOUTHWESTERN ENERGY PRODUCTION COMPANY –
PICKETT DRAW STATE 16, WELL NO. 2H
API NO. 30-015-35681
STATE LS NO. VB10650000
SEC. 16-T25S, R29E
EDDY COUNTY, NEW MEXICO

Sent herein are the following forms for the subject well referenced above:

- Original Form C-105 with six copies
- Original Form C-104 with five copies
- Log
- Deviation Report
- Target MWD Survey

Should you have questions or need any additional information please reach me direct through 281-618-4887, fax 281-618-4758 or Martha_Howard@SWN.com.

Respectfully,

SOUTHWESTERN ENERGY PRODUCTION COMPANY

Martha C. Howard
Staff Regulatory Analyst

MCH

Enclosures

OPERATOR
WELL/LEASE
COUNTY

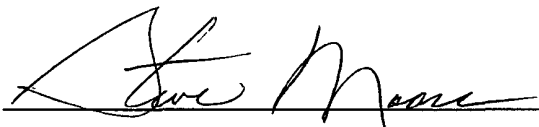
SOUTHWESTERN ENERGY PROD. CO.
PICKETT DRAW 16-2H
EDDY

504-5059

DEC 10 2007

STATE OF NEW MEXICO
DEVIATION REPORT

250	1.40
530	1.00
729	1.00
920	1.00
1,011	1.25
1,102	1.00
1,265	1.70
1,443	1.10
1,469	1.30
1,634	1.00
1,729	1.20
1,825	1.10
1,924	1.00
2,052	0.60
2,115	0.50
2,498	1.60
2,561	1.90
2,624	2.20
2,913	1.60
3,038	0.80
3,102	0.30
3,454	0.30
3,549	0.50
3,643	0.50
3,740	0.40
3,836	0.30
3,931	0.40
4,027	0.60
4,217	0.70
4,323	0.40
4,407	0.20
4,504	0.90
4,629	0.60

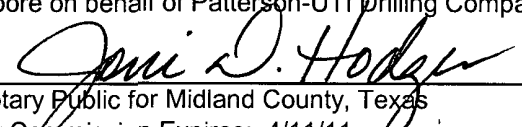
BY: 

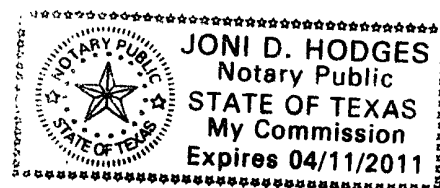
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

November 30, 2007, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



TARGET MWD

Operator: Southwestern Energy			Location: Eddy County, New Mexico			Lease/Well: Pickett Draw 16 #2H					
Calculation Method: Minimum Curvature			Proposed Azimuth: 359.64			Bearing: N0.36W					
									Units: English(ft)		
Meas Dpth	Cs Lnth	INC.	AZI.	QUAD.	TVD	V.Sect.	N/S (+/-)	E/W (+/-)	Build	Turn	DLS
Tie In From MultiShot LLC											
4595.00	0.00	0.50	264.82	S84.82W	4594.44	-28.99	-28.84	23.96	0.00	0.00	0.00
Surveys From Target Energy											
4629.00	34.00	0.60	278.40	N81.60W	4628.44	-28.98	-28.83	23.64	0.29	39.94	0.48
4660.00	31.00	1.00	334.10	N25.90W	4659.44	-28.71	-28.56	23.36	1.29	179.68	2.67
4692.00	32.00	2.90	353.90	N6.10W	4691.42	-27.65	-27.50	23.15	5.94	61.87	6.21
4724.00	32.00	5.00	357.50	N2.50W	4723.34	-25.45	-25.31	23.00	6.56	11.25	6.61
4756.00	32.00	7.30	0.00	N0.00E	4755.15	-22.02	-21.88	22.94	7.19	7.81	7.24
4788.00	32.00	9.50	359.60	N0.40W	4786.81	-17.35	-17.20	22.92	6.88	-1.25	6.88
4819.00	31.00	11.60	0.20	N0.20E	4817.28	-11.67	-11.53	22.92	6.77	1.94	6.78
4851.00	32.00	13.60	358.30	N1.70W	4848.51	-4.69	-4.55	22.82	6.25	-5.94	6.38
4883.00	32.00	15.80	357.90	N2.10W	4879.46	3.42	3.56	22.54	6.88	-1.25	6.88
4915.00	32.00	18.10	356.80	N3.20W	4910.07	12.74	12.88	22.11	7.19	-3.44	7.26
4946.00	31.00	20.80	357.10	N2.90W	4939.30	23.05	23.19	21.56	8.71	0.97	8.72
4979.00	33.00	24.80	0.20	N0.20E	4969.71	35.83	35.97	21.29	12.12	9.39	12.65
5011.00	32.00	29.90	1.70	N1.70E	4998.13	50.52	50.66	21.55	15.94	4.69	16.08
5043.00	32.00	35.90	2.50	N2.50E	5024.98	67.88	68.02	22.19	18.75	2.50	18.80
5075.00	32.00	42.10	2.60	N2.60E	5049.84	87.98	88.13	23.09	19.38	0.31	19.38
5107.00	32.00	48.10	2.50	N2.50E	5072.42	110.61	110.76	24.10	18.75	-0.31	18.75
5139.00	32.00	53.60	1.90	N1.90E	5092.61	135.39	135.55	25.05	17.19	-1.88	17.25
5170.00	31.00	59.00	1.80	N1.80E	5109.81	161.15	161.32	25.88	17.42	-0.32	17.42
5202.00	32.00	64.60	1.30	N1.30E	5124.92	189.33	189.50	26.64	17.50	-1.56	17.55
5234.00	32.00	69.40	1.80	N1.80E	5137.42	218.76	218.94	27.43	15.00	1.56	15.07
5266.00	32.00	74.80	2.70	N2.70E	5147.25	249.17	249.35	28.63	16.88	2.81	17.09
5297.00	31.00	81.20	2.30	N2.30E	5153.69	279.44	279.63	29.95	20.65	-1.29	20.68
5329.00	32.00	86.60	3.20	N3.20E	5157.09	311.20	311.40	31.48	16.88	2.81	17.11
5361.00	32.00	90.80	4.30	N4.30E	5157.82	343.10	343.32	33.57	13.13	3.44	13.57
5393.00	32.00	91.00	4.00	N4.00E	5157.32	375.00	375.23	35.89	0.63	-0.94	1.13
5424.00	31.00	91.00	3.70	N3.70E	5156.78	405.91	406.15	37.97	0.00	-0.97	0.97
5457.00	33.00	92.10	3.30	N3.30E	5155.88	438.82	439.08	39.98	3.33	-1.21	3.55
5488.00	31.00	92.40	3.30	N3.30E	5154.67	469.73	470.00	41.77	0.97	0.00	0.97
5520.00	32.00	92.60	3.40	N3.40E	5153.27	501.64	501.92	43.64	0.62	0.31	0.70
5552.00	32.00	92.70	3.30	N3.30E	5151.79	533.53	533.83	45.50	0.31	-0.31	0.44
5584.00	32.00	92.80	3.80	N3.80E	5150.26	565.42	565.73	47.48	0.31	1.56	1.59
5615.00	31.00	91.50	3.60	N3.60E	5149.09	596.32	596.65	49.48	-4.19	-0.65	4.24
5648.00	33.00	91.60	3.10	N3.10E	5148.20	629.24	629.58	51.41	0.30	-1.52	1.55
5679.00	31.00	90.90	2.00	N2.00E	5147.52	660.19	660.54	52.79	-2.26	-3.55	4.21
5711.00	32.00	90.90	2.00	N2.00E	5147.02	692.16	692.51	53.90	0.00	0.00	0.00
5743.00	32.00	90.90	1.90	N1.90E	5146.52	724.13	724.49	54.99	0.00	-0.31	0.31
5775.00	32.00	89.80	0.90	N0.90E	5146.32	756.12	756.48	55.78	-3.44	-3.13	4.65
5807.00	32.00	89.20	0.10	N0.10E	5146.60	788.11	788.48	56.05	-1.87	-2.50	3.13
5839.00	32.00	89.30	0.10	N0.10E	5147.02	820.11	820.48	56.11	0.31	0.00	0.31
5871.00	32.00	89.20	358.90	N1.10W	5147.44	852.10	852.47	55.83	-0.31	-3.75	3.76
5903.00	32.00	89.10	358.60	N1.40W	5147.91	884.10	884.46	55.13	-0.31	-0.94	0.99
5935.00	32.00	88.80	357.30	N2.70W	5148.50	916.08	916.43	53.99	-0.94	-4.06	4.17
5967.00	32.00	88.90	356.90	N3.10W	5149.14	948.04	948.39	52.37	0.31	-1.25	1.29

TARGET MWD

Operator: Southwestern Energy **Location:** Eddy County, New Mexico **Lease/Well:** Pickett Draw 16 #2H
Calculation Method: Minimum Curvature **Proposed Azimuth:** 359.64 **Bearing:** N0.36W

Units: English(ft)											
Meas Dpth	Cs Lnth	INC.	AZI.	QUAD.	TVD	V.Sect.	N/S (+/-)	E/W (+/-)	Build	Turn	DLS
5998.00	31.00	89.40	357.10	N2.90W	5149.60	979.00	979.34	50.75	1.61	0.65	1.74
6030.00	32.00	89.70	356.80	N3.20W	5149.85	1010.97	1011.29	49.05	0.94	-0.94	1.33
6062.00	32.00	89.40	356.10	N3.90W	5150.11	1042.91	1043.23	47.06	-0.94	-2.19	2.38
6094.00	32.00	89.90	356.00	N4.00W	5150.30	1074.85	1075.15	44.86	1.56	-0.31	1.59
6126.00	32.00	89.80	356.10	N3.90W	5150.39	1106.79	1107.08	42.66	-0.31	0.31	0.44
6158.00	32.00	90.10	356.00	N4.00W	5150.41	1138.72	1139.00	40.45	0.94	-0.31	0.99
6189.00	31.00	91.00	356.00	N4.00W	5150.12	1169.66	1169.92	38.29	2.90	0.00	2.90
6221.00	32.00	89.90	355.80	N4.20W	5149.86	1201.59	1201.84	36.00	-3.44	-0.62	3.49
6253.00	32.00	89.80	355.70	N4.30W	5149.95	1233.52	1233.75	33.63	-0.31	-0.31	0.44
6285.00	32.00	90.10	355.50	N4.50W	5149.98	1265.44	1265.66	31.17	0.94	-0.62	1.13
6317.00	32.00	89.60	355.80	N4.20W	5150.06	1297.36	1297.57	28.75	-1.56	0.94	1.82
6348.00	31.00	88.20	356.10	N3.90W	5150.66	1328.29	1328.48	26.56	-4.52	0.97	4.62
6380.00	32.00	86.50	356.00	N4.00W	5152.13	1360.19	1360.37	24.36	-5.31	-0.31	5.32
6411.00	31.00	86.60	356.00	N4.00W	5154.00	1391.07	1391.24	22.20	0.32	0.00	0.32
6443.00	32.00	86.70	356.10	N3.90W	5155.87	1422.95	1423.11	20.00	0.31	0.31	0.44
6475.00	32.00	86.10	355.90	N4.10W	5157.88	1454.83	1454.97	17.77	-1.88	-0.63	1.98
6507.00	32.00	86.20	356.00	N4.00W	5160.03	1486.69	1486.82	15.51	0.31	0.31	0.44
6539.00	32.00	86.80	356.10	N3.90W	5161.98	1518.57	1518.68	13.31	1.87	0.31	1.90
6571.00	32.00	86.10	356.20	N3.80W	5163.96	1550.45	1550.55	11.17	-2.19	0.31	2.21
6603.00	32.00	85.90	355.90	N4.10W	5166.20	1582.30	1582.39	8.97	-0.62	-0.94	1.13
6635.00	32.00	86.00	355.90	N4.10W	5168.46	1614.16	1614.23	6.69	0.31	0.00	0.31
6666.00	31.00	85.80	355.90	N4.10W	5170.67	1645.01	1645.07	4.48	-0.65	0.00	0.65
6698.00	32.00	85.60	355.50	N4.50W	5173.07	1676.85	1676.89	2.09	-0.63	-1.25	1.40
6730.00	32.00	85.50	355.60	N4.40W	5175.55	1708.67	1708.70	-0.39	-0.31	0.31	0.44
6762.00	32.00	85.40	356.10	N3.90W	5178.09	1740.50	1740.52	-2.70	-0.31	1.56	1.59
6794.00	32.00	85.40	355.90	N4.10W	5180.66	1772.33	1772.33	-4.92	0.00	-0.63	0.62
6826.00	32.00	85.00	356.00	N4.00W	5183.34	1804.15	1804.14	-7.18	-1.25	0.31	1.29
6857.00	31.00	85.20	355.80	N4.20W	5185.98	1834.97	1834.95	-9.38	0.65	-0.65	0.91
6889.00	32.00	85.40	355.80	N4.20W	5188.61	1866.79	1866.76	-11.72	0.63	0.00	0.63
6921.00	32.00	85.20	355.40	N4.60W	5191.23	1898.61	1898.56	-14.17	-0.63	-1.25	1.39
6953.00	32.00	85.40	355.20	N4.80W	5193.85	1930.41	1930.34	-16.78	0.63	-0.62	0.88
6985.00	32.00	85.10	354.90	N5.10W	5196.50	1962.20	1962.11	-19.53	-0.94	-0.94	1.32
7017.00	32.00	85.30	354.60	N5.40W	5199.18	1993.97	1993.87	-22.45	0.63	-0.94	1.12
7049.00	32.00	85.60	354.50	N5.50W	5201.72	2025.74	2025.62	-25.48	0.94	-0.31	0.99
7081.00	32.00	86.30	354.40	N5.60W	5203.98	2057.53	2057.39	-28.57	2.19	-0.31	2.21
7112.00	31.00	87.70	354.40	N5.60W	5205.60	2088.36	2088.20	-31.59	4.52	0.00	4.52
7144.00	32.00	88.00	354.10	N5.90W	5206.80	2120.19	2120.02	-34.79	0.94	-0.94	1.33
7175.00	31.00	88.20	353.80	N6.20W	5207.83	2151.02	2150.83	-38.06	0.65	-0.97	1.16
7208.00	33.00	88.30	353.60	N6.40W	5208.83	2183.83	2183.61	-41.68	0.30	-0.61	0.68
7240.00	32.00	88.20	353.20	N6.80W	5209.81	2215.63	2215.38	-45.35	-0.31	-1.25	1.29
7271.00	31.00	88.70	353.20	N6.80W	5210.65	2246.42	2246.16	-49.02	1.61	0.00	1.61
7304.00	33.00	89.50	353.20	N6.80W	5211.17	2279.21	2278.92	-52.93	2.42	0.00	2.42
7335.00	31.00	89.10	352.80	N7.20W	5211.55	2310.00	2309.69	-56.71	-1.29	-1.29	1.83
7367.00	32.00	90.00	352.60	N7.40W	5211.80	2341.76	2341.42	-60.77	2.81	-0.62	2.88
7376.00	9.00	90.30	352.60	N7.40W	5211.78	2350.69	2350.35	-61.93	3.33	0.00	3.34

TARGET MWD

Operator: Southwestern Energy **Location:** Eddy County, New Mexico **Lease/Well:** Pickett Draw 16 #2H

Calculation Method: Minimum Curvature **Proposed Azimuth:** 359.64 **Bearing:** N0.36W

Units: English(ft)

Meas Dpth	Cs Lnth	INC.	AZI.	QUAD.	TVD	V.Sect.	N/S (+/-)	E/W (+/-)	Build	Turn	DLS
Projection To Bit											
7420.00	44.00	90.30	352.60	N7.40W	5211.55	2394.36	2393.98	-67.60	0.00	0.00	0.00

MULTISHOT LLC
ODESSA, TEXAS

JOB NUMBER: 0711175051957

WELL NAME: PICKETT DRAW 16 #2H

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL	BEARING AZIMUTH	COORDINATES LATITUDE	DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION
0.0	0.00	0.00	0.000	00.00	000.00	0.00 N	0.00 E	0.00		0.00 AT 000.00	
200.0	200.00	-0.22	0.378	00.25	119.69	0.22 S	0.38 E	0.13	0.25	0.44 AT 119.69	
400.0	399.99	-1.00	1.419	00.50	130.13	0.99 S	1.43 E	0.13	0.26	1.74 AT 124.91	
600.0	599.98	-2.81	2.510	00.75	160.57	2.79 S	2.53 E	0.20	0.41	3.77 AT 137.84	
800.0	799.95	-6.09	2.179	01.25	200.00	6.08 S	2.22 E	0.41	0.82	6.47 AT 159.95	
1000.0	999.91	-10.32	1.437	01.25	179.19	10.31 S	1.50 E	0.23	0.45	10.42 AT 171.71	
1200.0	1199.86	-14.49	2.342	01.25	155.63	14.48 S	2.43 E	0.26	0.51	14.68 AT 170.46	
1400.0	1399.80	-18.74	4.561	01.50	149.06	18.71 S	4.68 E	0.15	0.30	19.28 AT 165.96	
1600.0	1599.76	-22.71	6.170	01.00	170.50	22.67 S	6.31 E	0.34	0.68	23.54 AT 164.44	
1800.0	1799.74	-25.24	6.798	00.50	155.93	25.19 S	6.96 E	0.27	0.53	26.14 AT 164.56	
2000.0	1999.73	-26.99	8.047	00.75	136.37	26.94 S	8.22 E	0.16	0.33	28.16 AT 163.04	
2200.0	2199.72	-28.30	8.693	00.25	214.80	28.24 S	8.87 E	0.37	0.74	29.60 AT 162.56	
2400.0	2399.71	-28.75	10.621	01.25	092.23	28.69 S	10.80 E	0.70	1.40	30.65 AT 159.37	
2600.0	2599.64	-28.69	15.850	01.75	086.66	28.59 S	16.03 E	0.26	0.52	32.78 AT 150.72	
2800.0	2799.53	-28.63	22.388	02.00	091.19	28.49 S	22.57 E	0.15	0.29	36.34 AT 141.61	
3000.0	2999.48	-28.75	26.749	00.50	091.64	28.58 S	26.93 E	0.75	1.50	39.27 AT 136.71	
3200.0	3199.47	-28.85	28.053	00.25	098.08	28.67 S	28.23 E	0.13	0.25	40.24 AT 135.44	
3400.0	3399.47	-28.59	28.781	00.25	042.51	28.41 S	28.96 E	0.12	0.23	40.57 AT 134.45	
3600.0	3599.47	-28.58	29.390	00.25	133.95	28.39 S	29.57 E	0.18	0.36	40.99 AT 133.84	
3800.0	3799.47	-28.69	29.309	00.25	295.31	28.51 S	29.49 E	0.25	0.49	41.02 AT 134.03	
4000.0	3999.47	-28.48	28.480	00.25	272.65	28.30 S	28.66 E	0.05	0.10	40.28 AT 134.64	
4200.0	4199.46	-28.46	27.608	00.25	269.98	28.28 S	27.79 E	0.01	0.01	39.65 AT 135.51	
4400.0	4399.46	-28.69	25.884	00.75	259.32	28.52 S	26.06 E	0.25	0.51	38.64 AT 137.58	
4595.0	4594.44	-28.99	23.781	00.50	264.82	28.84 S	23.96 E	0.13	0.26	37.49 AT 140.28	

* THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF *
* 4595.0 FEET EQUALS 37.49 FEET AT 140.28 *
* ***** *
