

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOGOil Cons.
N.M. DIV-Dist. 2
1901 W. Grand Avenue
Albuquerque, NM 88210
FORM APPROVED
OMB NO. 1004-0137
Expires November 30, 20005. Lease Serial No.
NM-1055431a. Type of well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and N
~~0301055430~~2. Name of operator
David H. Arrington Oil & Gas, Inc.8. Lease Name & Well No.
Miss Moneypenny Fed Com #3. Address
P.O. Box 2071, Midland TX 797023a. Phone No. (include area code)
(915) 682-66859. API Well No.
30-015-31846

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

RECEIVED

NOV - 7 2003

OCD-ARTESIA

BONE TANK DRAW, ULFCP

At surface 660 FSL & 1700' FWL

At top prod. interval reported below 2039' FSL & 2000' FWL

At total depth 2039' FSL & 2000' FWL

10. Field and Pool, or Exploratory
~~Indian Basin West~~11. Sec., T., R., M., on Block and Surv
or Area Sec 14-21S-22E, Unit K12. County or Parish
Eddy13. State
NM14. Date Spudded
8/9/0115. Date T.D. Reached
9/14/0116. Date Completed
☐ D&A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3768' GL, 3785' DF, 3786' KI18. Total Depth: MD 9750'
TVD19. Plug Back T.D.: MD 9632'
TVD20. Depth Bridge Plug set: MD 9285', 6256', 6175', 6000', 583
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

PFEX/HRLL/MCFL, PTEX/CN/TDL

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. Of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"/K55	54.5#	Surface	400'		600 sxs Prem Plus	0 bbls	Surface	Circ 10 sxs to pit
12 1/4"	9 5/8"/J55	36#	Surface	1512'		1000 sxs Prem Plus	302 bbls	Surface	Circ 200 sxs to re:
8 3/4"	5 1/2"/J55 N-80	17#	4800'	9750'		1025 sxs Interfill "C" & Prem Plus		4800'	Circ 90 sxs to pit

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	5819'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Lower Cisco	9327'	9329'	9327'-9329'		18	Non-Productive - plugged
B) Middle Cisco	6086'	6272'	6086'-6272'	4"	92	Non-Productive - plugged
C) Upper Cisco	5736'	5868'	5736'-5868'		52	Set CIBP @ 5835'
D) Upper Cisco	5736'-5744'	5784'-5790'	5736'-5744' & 5784'-5790'		28	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9285'	Set CIBP w/20' (2 sxs) cmt
6265'	Displace hole w/2% KCl water & spot w/500 gals 15% NeFe Acid
6086'-6064'	Treat w/3000 gals 15% NeFe Acid + 10 BS every 142 gals for 200 BS's (See Attached page for contin. of #27)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/21/01	12/30/01	24		31	0	88	48.4	-	Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
-	150	-		31	0	88		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)

28b. Production – Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production – Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented ect.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushi on used, time tool open, flowing and shut-in pressures and recoveries. No DST's or Full Dia. Cores

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Cisco	5736' 5784'	5744' 5790'	Producing intervals see 25 thru 28.		5736'
Cisco	5856'	5686'	Dolomite – Perforated, water bearing – behind CIBP		5856'
Cisco	6086'	6272'	Dolomite – Perforated water bearing – behind CIBP		6086'
Atoka	9327'	9329'	Sandstone – Perforated water bearing – behind CIBP		9327'

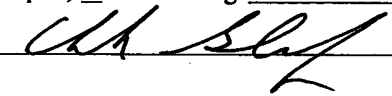
32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and Attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Chuck Sledge Title Engineer

Signature  Date 01/29/02

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.

Continue #27. – Miss Moneyppenny Federal Com #1
API #- 30-015-31846

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
6256'	Set CIBP
6175'	Set CIBP
6000'	Set Alpha CIBP capped w/2 sxs cement (20')
5736'-5868'	Acidize w/3000 gals 15% NeFe HCl Acid containing 150 BS's
5835'	Set Owen CIBP

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

State of New Mexico
Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised 02-10-94
Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-31846		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name MISS MONEYPENNY FEDERAL COM -			6 Well Number 1
7 OGRID No. 005898		8 Operator Name DAVID H. ARRINGTON OIL & GAS, INC.			9 Elevation 4241'

" SURFACE LOCATION

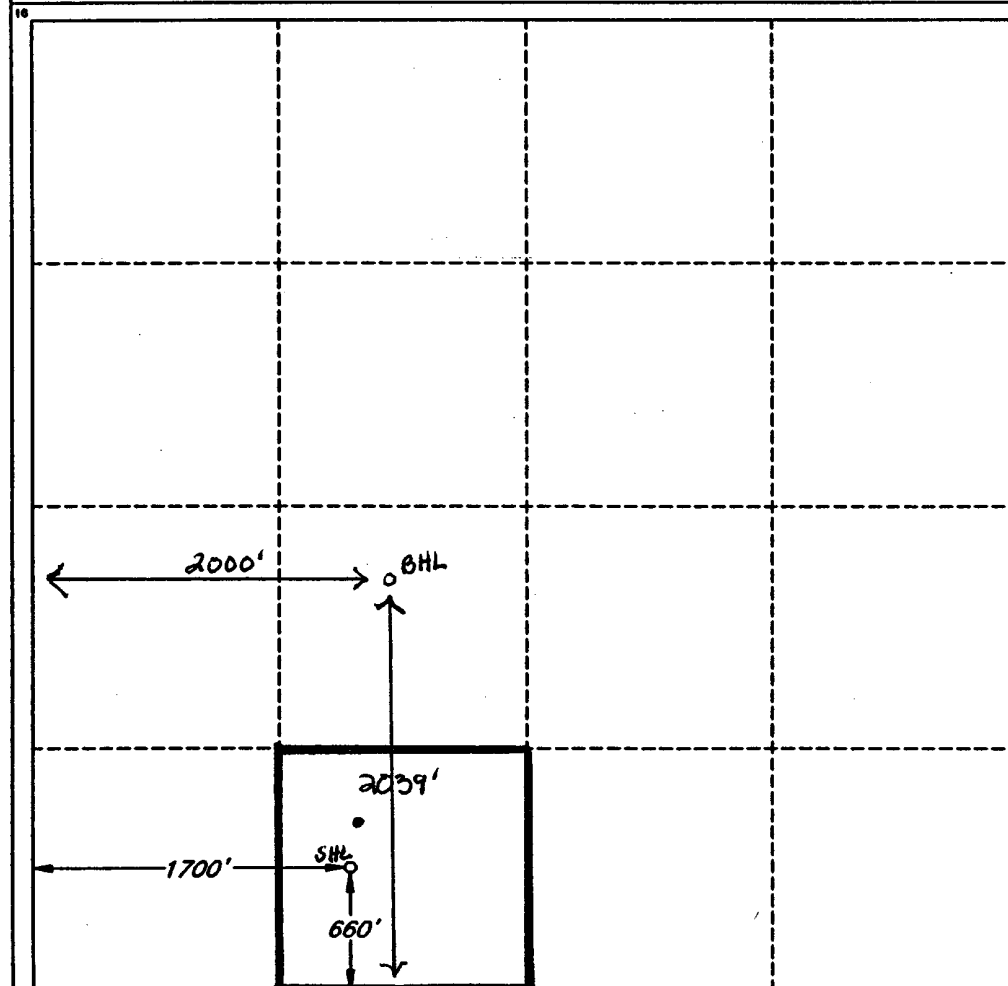
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	14	21 SOUTH	22 EAST, N.M.P.M.		660'	SOUTH	1700'	WEST	EDDY

"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	14	21 South	22 East		2039'	South	2000'	West	Eddy

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WELL 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.

Signature

Printed Name

Chuck Sledge

Title

Engineer

Date

2/1/02

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.

Date of Survey

Signature and Seal of Professional Surveyor

V. L. BEZNER
NO 7920

Certification

V. L. BEZNER R.P.S. #7920

JOB #76218 / 51 NW / J.C.P.

OPERATOR: ARRINGTON OIL & GAS
WELL/LEASE: MISS MONEYPENNY FED. COM. 1
COUNTY: EDDY

RIG 41

STATE OF NEW MEXICO
DEVIATION REPORT

SEP 21 2001

634	1 3/4
900	1 1/2
1,150	1
1,400	1 1/2
1,848	1
2,114	1
2,614	1
3,117	1/2
3,600	1/2
4,100	1/4
4,600	2



By: Steve Moore

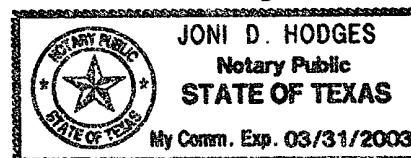
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 18th day of September, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N 0.00 E	0.00	0.00
100.00	0.33	55.33	100.00	0.16 N 0.24 E	0.33	0.21
200.00	0.54	81.43	200.00	0.40 N 0.94 E	0.28	0.58
300.00	1.08	95.41	299.99	0.38 N 2.34 E	0.57	0.86
400.00	1.48	102.09	399.96	0.02 N 4.54 E	0.43	0.96
500.00	1.16	102.29	499.93	0.47 S 6.80 E	0.32	0.95
600.00	1.32	112.42	599.91	1.12 S 8.85 E	0.27	0.74
700.00	1.25	98.77	699.89	1.73 S 10.99 E	0.31	0.59
800.00	1.16	93.54	799.86	1.96 S 13.08 E	0.14	0.80
900.00	1.46	94.35	899.84	2.11 S 15.36 E	0.30	1.12
1000.00	1.15	91.55	999.81	2.24 S 17.64 E	0.32	1.47
1100.00	1.34	96.92	1099.79	2.41 S 19.80 E	0.22	1.75
1200.00	1.15	87.94	1199.76	2.51 S 21.96 E	0.27	2.10
1300.00	1.33	96.69	1299.74	2.61 S 24.12 E	0.26	2.45
1400.00	1.29	100.64	1399.72	2.95 S 26.38 E	0.10	2.58
1500.00	1.26	98.18	1499.69	3.32 S 28.57 E	0.06	2.68
1600.00	1.24	89.56	1599.67	3.47 S 30.74 E	0.19	2.99
1700.00	1.01	106.10	1699.65	3.70 S 32.67 E	0.40	3.16
1800.00	0.93	101.17	1799.63	4.10 S 34.31 E	0.12	3.11
1900.00	1.02	88.06	1899.62	4.23 S 36.00 E	0.24	3.33
2000.00	1.18	106.14	1999.60	4.49 S 37.88 E	0.38	3.47
2100.00	0.79	113.51	2099.59	5.05 S 39.50 E	0.41	3.26
2200.00	1.06	104.24	2199.57	5.55 S 41.03 E	0.31	3.08
2300.00	0.83	120.02	2299.56	6.14 S 42.55 E	0.35	2.82
2400.00	0.73	118.15	2399.55	6.80 S 43.74 E	0.10	2.42

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 11.98 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ



David H. Arrington Oil & Gas, Inc.
Miss Money Penny Fed Com #1, #1
West Shugart 31 Federal, Eddy County New Mexico

SURVEY LISTING Page 2
Your ref : MWD survey
Last revised : 25-Oct-2001

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
2500.00	0.65	125.31	2499.54	7.43 S 44.77 E	0.12	2.02
2600.00	0.61	114.41	2599.54	7.98 S 45.71 E	0.13	1.68
2700.00	0.88	119.72	2699.53	8.58 S 46.86 E	0.28	1.33
2800.00	0.68	100.09	2799.52	9.06 S 48.12 E	0.33	1.12
2900.00	0.67	101.38	2899.51	9.28 S 49.27 E	0.02	1.14
3000.00	0.58	93.26	2999.51	9.43 S 50.35 E	0.13	1.23
3100.00	0.41	101.69	3099.50	9.53 S 51.21 E	0.18	1.30
3200.00	0.71	112.32	3199.50	9.84 S 52.13 E	0.32	1.19
3300.00	0.53	86.17	3299.49	10.04 S 53.17 E	0.33	1.21
3400.00	0.33	105.51	3399.49	10.09 S 53.90 E	0.24	1.32
3500.00	0.42	108.55	3499.49	10.28 S 54.53 E	0.09	1.26
3600.00	0.62	109.67	3599.48	10.58 S 55.39 E	0.20	1.14
3700.00	0.40	76.11	3699.48	10.68 S 56.23 E	0.36	1.22
3800.00	0.20	189.37	3799.48	10.77 S 56.55 E	0.51	1.20
3900.00	0.20	145.97	3899.48	11.08 S 56.61 E	0.15	0.91
4000.00	0.50	205.83	3999.48	11.62 S 56.52 E	0.44	0.36
4100.00	0.50	219.25	4099.47	12.35 S 56.06 E	0.12	-0.45
4200.00	0.77	247.63	4199.47	12.95 S 55.16 E	0.41	-1.22
4300.00	1.02	256.96	4299.45	13.40 S 53.67 E	0.29	-1.97
4400.00	1.58	245.22	4399.43	14.18 S 51.55 E	0.62	-3.17
4500.00	2.04	264.02	4499.38	14.94 S 48.53 E	0.75	-4.55
4600.00	2.05	254.76	4599.32	15.60 S 45.03 E	0.33	-5.92
4700.00	2.49	254.76	4699.24	16.64 S 41.21 E	0.44	-7.73
4780.00	3.10	261.30	4779.14	17.42 S 37.40 E	0.86	-9.29
4843.00	2.00	237.40	4842.08	18.27 S 34.79 E	2.39	-10.66

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.
Vertical section is from wellhead on azimuth 11.98 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	VERT	R	C	O	O	R	D	I	N	A	T	E	S	Dogleg Deg/100ft	Vert Sect
4906.00	1.00	244.80	4905.06		19.10	S							33.36	E		1.61	-11.76	
4968.00	2.50	293.70	4967.03		18.79	S							31.63	E		3.21	-11.81	
5030.00	3.40	314.00	5028.95		16.97	S							29.07	E		2.20	-10.56	
5093.00	4.00	332.30	5091.82		13.72	S							26.71	E		2.09	-7.88	
5154.00	4.90	350.30	5152.64		9.27	S							25.28	E		2.71	-3.82	
5186.00	5.40	358.00	5184.51		6.42	S							25.00	E		2.66	-1.09	
5217.00	6.00	6.80	5215.36		3.35	S							25.14	E		3.41	1.94	
5280.00	7.00	11.70	5277.95		3.68	N							26.31	E		1.81	9.05	
5341.00	8.00	14.20	5338.43		11.43	N							28.10	E		1.72	17.01	
5404.00	9.10	11.70	5400.73		20.56	N							30.19	E		1.84	26.38	
5467.00	10.70	9.20	5462.79		31.21	N							32.13	E		2.63	37.20	
5529.00	12.10	9.20	5523.56		43.31	N							34.09	E		2.26	49.44	
5592.00	13.00	8.20	5585.06		56.84	N							36.16	E		1.47	63.11	
5655.00	14.30	8.90	5646.28		71.54	N							38.37	E		2.08	77.95	
5718.00	15.90	11.70	5707.10		87.68	N							41.33	E		2.79	94.35	
5750.00	16.30	13.50	5737.84		96.34	N							43.26	E		2.00	103.22	
5781.00	17.10	11.70	5767.54		105.03	N							45.20	E		3.07	112.13	
5814.00	17.70	9.90	5799.03		114.73	N							47.05	E		2.44	121.99	
5845.00	18.50	9.90	5828.49		124.21	N							48.71	E		2.58	131.62	
5877.00	19.30	10.30	5858.77		134.42	N							50.53	E		2.53	141.98	
5908.00	20.10	11.00	5887.95		144.69	N							52.46	E		2.69	152.42	
5939.00	21.00	10.30	5916.98		155.38	N							54.47	E		3.01	163.30	
5971.00	21.00	9.60	5946.85		166.68	N							56.45	E		0.78	174.76	
6034.00	21.30	9.90	6005.61		189.08	N							60.30	E		0.51	197.48	
6097.00	21.40	9.20	6064.29		211.70	N							64.10	E		0.43	220.39	

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.

Vertical section is from wellhead on azimuth 11.98 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ

5

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
6160.00	21.80	9.20	6122.86	234.59 N 67.81 E	0.63	243.56
6223.00	21.80	9.60	6181.36	257.67 N 71.63 E	0.24	266.93
6285.00	22.40	9.90	6238.80	280.66 N 75.58 E	0.98	290.24
6349.00	22.30	10.30	6297.99	304.62 N 79.85 E	0.28	314.56
6411.00	22.20	10.30	6355.38	327.72 N 84.05 E	0.16	338.03
6475.00	22.10	11.00	6414.65	351.43 N 88.51 E	0.44	362.15
6537.00	21.90	11.70	6472.14	374.20 N 93.08 E	0.53	385.37
6600.00	21.40	13.10	6530.70	396.90 N 98.07 E	1.14	408.61
6662.00	20.30	11.30	6588.64	418.47 N 102.74 E	2.05	430.68
6726.00	19.60	11.70	6648.79	439.87 N 107.09 E	1.11	452.51
6789.00	20.70	9.60	6707.94	461.19 N 111.09 E	2.09	474.21
6852.00	22.20	9.90	6766.57	483.90 N 114.99 E	2.39	497.23
6914.00	21.70	11.00	6824.08	506.69 N 119.19 E	1.04	520.39
6976.00	22.00	12.10	6881.63	529.29 N 123.82 E	0.82	543.47
7039.00	22.30	13.10	6939.98	552.47 N 129.00 E	0.76	567.22
7165.00	22.50	10.30	7056.47	599.48 N 138.73 E	0.86	615.22
7227.00	22.90	11.00	7113.67	622.99 N 143.15 E	0.78	639.14
7290.00	22.50	11.70	7171.79	646.83 N 147.93 E	0.77	663.45
7353.00	21.90	10.30	7230.12	670.19 N 152.48 E	1.27	687.25
7415.00	21.90	11.30	7287.65	692.91 N 156.81 E	0.60	710.37
7478.00	22.20	10.60	7346.04	716.13 N 161.30 E	0.63	734.01
7541.00	22.90	10.30	7404.22	739.89 N 165.68 E	1.13	758.16
7604.00	22.80	10.60	7462.28	763.95 N 170.12 E	0.24	782.62
7668.00	21.90	11.30	7521.47	787.84 N 174.74 E	1.47	806.95
7733.00	21.50	11.00	7581.86	811.42 N 179.39 E	0.64	830.98

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 11.98 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
7796.00	21.90	8.90	7640.40	834.36 N 183.41 E	1.39	854.26
7859.00	21.80	9.20	7698.87	857.52 N 187.10 E	0.24	877.67
7919.00	22.10	9.60	7754.52	879.64 N 190.76 E	0.56	900.08
7981.00	22.00	9.20	7811.99	902.61 N 194.56 E	0.29	923.33
8043.00	20.50	10.30	7869.77	924.75 N 198.36 E	2.50	945.78
8105.00	19.80	10.60	7927.98	945.75 N 202.23 E	1.14	967.13
8168.00	19.70	13.50	7987.27	966.57 N 206.68 E	1.56	988.42
8231.00	19.80	14.50	8046.57	987.22 N 211.83 E	0.56	1009.69
8294.00	20.00	14.90	8105.80	1007.97 N 217.27 E	0.38	1031.11
8357.00	19.90	15.20	8165.02	1028.72 N 222.85 E	0.23	1052.58
8419.00	19.50	16.60	8223.39	1048.82 N 228.57 E	1.00	1073.42
8482.00	19.20	18.70	8282.84	1068.71 N 234.90 E	1.20	1094.19
8545.00	18.40	18.70	8342.47	1087.94 N 241.41 E	1.27	1114.36
8608.00	19.40	17.30	8402.08	1107.35 N 247.71 E	1.74	1134.65
8671.00	20.60	17.00	8461.28	1127.94 N 254.06 E	1.91	1156.11
8733.00	20.20	15.60	8519.39	1148.68 N 260.13 E	1.02	1177.66
8797.00	20.00	14.90	8579.49	1169.90 N 265.91 E	0.49	1199.62
8860.00	20.10	15.20	8638.67	1190.76 N 271.52 E	0.23	1221.18
8923.00	20.10	15.90	8697.84	1211.62 N 277.32 E	0.38	1242.79
8985.00	20.10	16.60	8756.06	1232.07 N 283.29 E	0.39	1264.04
9048.00	20.20	15.60	8815.20	1252.92 N 289.30 E	0.57	1285.68
9111.00	20.00	14.50	8874.37	1273.83 N 294.93 E	0.68	1307.30
9174.00	20.30	9.90	8933.51	1295.03 N 299.50 E	2.56	1328.99
9237.00	20.40	8.20	8992.58	1316.66 N 302.95 E	0.95	1350.87
9299.00	20.60	8.90	9050.66	1338.13 N 306.18 E	0.51	1372.54

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 11.98 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

David H. Arrington Oil & Gas, Inc.
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 Your ref : MWD survey
 Last revised : 25-Oct-2001

Measured Incl. Depth	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
9362.00	20.60	9109.63	1360.09 N	1.17	1394.64
9426.00	20.00	9169.65	1382.16 N	1.11	1416.74
9488.00	19.00	9228.10	1402.77 N	1.70	1437.29
9548.00	18.80	9284.86	1422.16 N	1.18	1456.52
9611.00	18.80	9344.50	1442.44 N	0.15	1476.56
9642.00	18.50	9373.87	1452.34 N	1.05	1486.35
9705.00	17.80	9433.74	1471.89 N	1.89	1505.82
9750.00	17.80	9476.59	1485.56 N	0.00	1519.51

2146 N 2019.44

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 1519.51 on azimuth 12.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 11.98 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ