

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
Reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NMLC029339A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JACKSON A

9. WELL NO.

35 (API# 30-015-34502) S1

10. FIELD AND POOL, OR WILDCAT

CEDAR LAKE, YESO

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC 13, T17S, R30E

12. COUNTY OR
PARISH
EDDY

13. STATE
N. M.

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PITS ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

FEB 15 2006

ACCEPTED FOR RECORD

3. ADDRESS OF OPERATOR

OCD-ARTESIA

4. LOCATION OF WELL (Report location clearly and in accordance with any STATE requirements*)

At surface UNIT G, 2450' FNL, 2310' FEL

At top prod. interval reported below

SAME AS SURFACE

At total depth

UNIT B, 340' FNL, 2312' FEL

14. PERMIT NO.

3160-3

DATE ISSUED

9/7/2005

15. DATE SPUDDED

11/17/2005

16. DATE T.D. REACHED

12/10/2005

17. DATE COMPL. (Ready to prod.)

12/26/2005

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3739' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6940'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4719'-4721' WINDOW CEDAR LAKE YESO-HORIZONTAL 5005'- 6815'

25. WAS DIRECTIONAL
SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MICRO-SFL, LSS, SD, DSN, SPECTRAL GR

27. WAS WELL CORED

NO

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.30#	387'	14 3/4"	150 sks CL "C" W/Thix. 450 sks "C" w/2%	CaCl2
7"	23#	5205'	8 3/4"	630 sks CL "C" & Poz & 1600 CL "C" in	Two Stages

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5072'	

31. PERFORATION RECORD (Interval, size and number)

5005'- 6815' TOTAL 10 INTERVALS

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5005'- 6815'	Acidize w/11,000 Gals 5% ZC ACID
5005'- 6815'	122,000 Gals 20% HCL & 170,798 Gals Gel

33.* PRODUCTION

DATE FIRST PRODUCTION 12/26/2005		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping ECP PUMP				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/31/2005	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 99	GAS—MCF. 138	WATER—BBL. 1052	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD TO FRONTIER, INC. THROUGH JACKSON A TANK BATTERY.

TEST WITNESSED BY

BELTON MATHEWS

35. LIST OF ATTACHMENTS

DLL/MICRO-GUARD, DSN,SD,SPECTRAL GR , CSL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

PETROLEUM ENGINEER

DATE

1/31/2006

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

Received
FEB 06 2006
Carlsbad Field Office
Carlsbad, N.M.

RECEIVED
2006 FEB -9 AM 9:32
CARLSBAD FIELD OFFICE

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
ALLUVIUM	SURFACE	
ANHYDRITE	205'	
SALT	505'	
BASE SALT	1312'	
SEVEN RIVERS	1705'	
QUEEN	2323'	
GRAYBURG	2703'	
SAN ANDRES	3035'	
GLORIETA	4567'	
YESO	4635'	



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

December 13, 2005

Burnett Oil Co, Inc
801 Cherry St, Suite 1500
Ft Worth, TX 76102

Re: Jackson "A" #35
Section 13, T-17-S, R-30-E
Eddy County, New Mexico

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

152' - 1°	1902' - 1 1/2°	3666' - 1 1/2°
417' - 1 1/2°	2399' - 1 1/4°	4157' - 1/2°
916' - 1/2°	2895' - 2°	4653' - 1 1/2°
1410' - 1 3/4°	3173' - 3/4°	5178' - 1 1/2°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of December, 2005 by Gary W Chappell.

MY COMMISSION EXPIRES

June 19th, 2007

NOTARY PUBLIC

Ryan Energy Technologies

Survey Report



Company: BURNETT OIL COMPANY				Date: 12/9/2005		Time: 15:52:51		Page: 1	
Field: Eddy County, NM				Co-ordinate(NE) Reference:		Site: Jackson A-35, Grid North			
Site: Jackson A-35				Vertical (TVD) Reference:		Est. RKB: 3751.0			
Well: Well # A-35				Section (VS) Reference:		Well (0.00N,0.00E,359.81Azi)			
Wellpath: Original Hole				Survey Calculation Method:		Minimum Curvature		Db: Sybase	

Field: Eddy County, NM Cedar Lake, Yeso USA				Map Zone: New Mexico, Eastern Zone			
Map System: US State Plane Coordinate System 1927				Coordinate System: Site Centre			
Geo Datum: NAD27 (Clarke 1866)				Geomagnetic Model: igrf2005			
Sys Datum: Mean Sea Level							

Site: Jackson A-35 Section 13, T17S, R30E Eddy County, NM			
Site Position:	Northing: 667686.90 ft	Latitude: 32 50 5.594 N	
From: Map	Easting: 625785.80 ft	Longitude: 103 55 25.727 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3739.00 ft		Grid Convergence: 0.22 deg	

Well: Well # A-35 API# 30-015-				Slot Name:			
Well Position: +N/-S 0.00 ft	Northing: 667686.90 ft	Latitude: 32 50 5.594 N					
Position Uncertainty: 0.00 ft	Easting: 625785.80 ft	Longitude: 103 55 25.727 W					

Wellpath: Original Hole				Drilled From: Surface			
Current Datum: Est. RKB				Tie-on Depth: 0.00 ft			
Magnetic Data: 11/10/2005				Above System Datum: Mean Sea Level			
Field Strength: 49548 nT				Declination: 8.45 deg			
Vertical Section: Depth From (TVD)				Mag Dip Angle: 60.83 deg			
	ft	+N/-S	ft		+E/-W	ft	Direction
							deg
	0.00		0.00			0.00	359.81

Survey Program for Definitive Wellpath			
Date: 12/9/2005		Validated: Yes	
Actual From ft		To ft	
Survey		Version: 2	
		Toolcode	
		Tool Name	

Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	ClsDist	ClsAzi	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
4660.00	0.36	334.20	4659.26	24.34	-13.22	24.38	0.00	27.69	331.50	MWD
4737.00	3.70	359.00	4736.20	27.04	-13.36	27.09	4.39	30.16	333.70	MWD
4777.00	17.20	35.30	4775.47	33.19	-9.95	33.22	35.95	34.65	343.31	MWD
4808.00	26.30	44.80	4804.24	41.82	-2.45	41.83	31.39	41.90	356.65	MWD
4839.00	35.20	38.50	4830.87	53.72	7.98	53.69	30.50	54.31	8.45	MWD
4870.00	46.10	33.50	4854.36	70.08	19.74	70.01	36.67	72.80	15.74	MWD
4903.00	58.60	37.10	4874.48	91.31	34.87	91.19	38.84	97.74	20.90	MWD
4933.00	72.20	34.60	4886.94	113.39	50.77	113.22	45.96	124.24	24.12	MWD
4964.00	82.80	26.20	4893.65	139.45	66.01	139.23	43.21	154.29	25.33	MWD
4995.00	86.80	12.40	4896.47	168.51	76.18	168.26	46.16	184.93	24.33	MWD
5026.00	92.30	1.50	4896.72	199.23	79.92	198.96	39.37	214.66	21.86	MWD
5057.00	93.70	355.20	4895.09	230.16	79.03	229.89	20.79	243.35	18.95	MWD
5088.00	94.30	354.20	4892.93	260.95	76.18	260.69	3.76	271.84	16.27	MWD
5120.00	94.50	354.10	4890.47	292.69	72.92	292.44	0.70	301.64	13.99	MWD
5151.00	92.50	355.60	4888.58	323.50	70.15	323.27	8.06	331.02	12.23	MWD
5182.00	92.30	355.90	4887.28	354.39	67.85	354.16	1.16	360.83	10.84	MWD
5214.00	92.90	355.60	4885.83	386.27	65.48	386.05	2.10	391.78	9.62	MWD
5246.00	90.60	357.30	4884.86	418.19	63.50	417.97	8.94	422.98	8.63	MWD
5277.00	89.80	358.00	4884.75	449.16	62.23	448.95	3.43	453.45	7.89	MWD
5307.00	87.70	358.40	4885.40	479.14	61.29	478.93	7.13	483.04	7.29	MWD
5337.00	86.90	358.70	4886.81	509.10	60.53	508.89	2.85	512.68	6.78	MWD
5368.00	87.10	358.70	4888.44	540.05	59.83	539.84	0.65	543.35	6.32	MWD
5399.00	87.30	357.70	4889.95	570.99	58.86	570.79	3.29	574.02	5.89	MWD

Ryan Energy Technologies

Survey Report



Company: BURNETT OIL COMPANY
Field: Eddy County, NM
Site: Jackson A-35
Well: Well # A-35
Wellpath: Original Hole

Date: 12/9/2005 **Time:** 15:52:51 **Page:** 2
Co-ordinate(NE) Reference: Site: Jackson A-35, Grid North
Vertical (TVD) Reference: Est. RKB 3751.0
Section (VS) Reference: Well (0.00N, 0.00E, 359.81Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
5431.00	90.00	357.30	4890.71	602.95	57.46	602.75	8.53	605.68	5.44	MWD
5462.00	90.40	357.30	4890.60	633.92	56.00	633.72	1.29	636.38	5.05	MWD
5492.00	90.50	357.30	4890.36	663.88	54.59	663.69	0.33	666.12	4.70	MWD
5555.00	91.00	357.30	4889.54	726.81	51.62	726.63	0.79	728.64	4.06	MWD
5586.00	90.80	357.70	4889.05	757.77	50.27	757.60	1.44	759.44	3.80	MWD
5618.00	90.80	357.30	4888.60	789.74	48.87	789.57	1.25	791.25	3.54	MWD
5680.00	90.80	357.30	4887.74	851.66	45.95	851.51	0.00	852.90	3.09	MWD
5743.00	90.70	357.00	4886.91	914.58	42.82	914.43	0.50	915.58	2.68	MWD
5774.00	90.60	357.30	4886.56	945.54	41.28	945.40	1.02	946.44	2.50	MWD
5805.00	90.20	357.70	4886.34	976.51	39.93	976.37	1.82	977.33	2.34	MWD
5837.00	90.30	357.70	4886.21	1008.48	38.64	1008.35	0.31	1009.22	2.19	MWD
5868.00	90.70	358.00	4885.93	1039.46	37.48	1039.33	1.61	1040.14	2.07	MWD
5900.00	90.70	358.40	4885.54	1071.44	36.47	1071.31	1.25	1072.06	1.95	MWD
5931.00	90.60	358.40	4885.19	1102.43	35.61	1102.30	0.32	1103.00	1.85	MWD
5962.00	90.60	358.40	4884.87	1133.41	34.74	1133.29	0.00	1133.95	1.76	MWD
5994.00	90.70	358.40	4884.50	1165.40	33.85	1165.28	0.31	1165.89	1.66	MWD
6025.00	90.60	358.70	4884.15	1196.39	33.07	1196.27	1.02	1196.84	1.58	MWD
6056.00	90.50	359.10	4883.86	1227.38	32.47	1227.27	1.33	1227.81	1.52	MWD
6087.00	90.50	359.40	4883.58	1258.38	32.06	1258.26	0.97	1258.79	1.46	MWD
6119.00	90.60	359.40	4883.28	1290.37	31.73	1290.26	0.31	1290.76	1.41	MWD
6150.00	91.80	358.40	4882.63	1321.36	31.13	1321.25	5.04	1321.73	1.35	MWD
6180.00	92.20	357.70	4881.58	1351.32	30.11	1351.22	2.69	1351.66	1.28	MWD
6211.00	92.10	357.30	4880.42	1382.27	28.76	1382.17	1.33	1382.57	1.19	MWD
6241.00	91.90	357.70	4879.37	1412.23	27.46	1412.13	1.49	1412.49	1.11	MWD
6273.00	91.90	357.00	4878.31	1444.17	25.98	1444.08	2.19	1444.41	1.03	MWD
6304.00	91.70	357.30	4877.34	1475.12	24.44	1475.03	1.16	1475.32	0.95	MWD
6335.00	91.70	357.30	4876.42	1506.07	22.98	1505.99	0.00	1506.25	0.87	MWD
6366.00	91.40	357.00	4875.58	1537.02	21.44	1536.94	1.37	1537.17	0.80	MWD
6398.00	91.40	357.00	4874.80	1568.97	19.76	1568.89	0.00	1569.09	0.72	MWD
6429.00	91.40	357.30	4874.04	1599.92	18.22	1599.83	0.31	1599.95	0.65	MWD
6460.00	91.60	357.00	4873.23	1630.87	16.68	1630.81	1.16	1630.96	0.59	MWD
6492.00	91.20	357.30	4872.45	1662.82	15.09	1662.76	1.56	1662.89	0.52	MWD
6523.00	91.20	357.70	4871.80	1693.79	13.74	1693.73	1.29	1693.84	0.46	MWD
6554.00	91.00	358.00	4871.20	1724.76	12.57	1724.71	1.16	1724.81	0.42	MWD
6586.00	91.00	357.70	4870.64	1756.73	11.37	1756.68	0.94	1756.77	0.37	MWD
6617.00	90.80	357.70	4870.16	1787.70	10.13	1787.66	0.65	1787.73	0.32	MWD
6648.00	90.70	357.70	4869.75	1818.68	8.89	1818.64	0.32	1818.70	0.28	MWD
6678.00	90.40	357.70	4869.46	1848.65	7.68	1848.61	1.00	1848.67	0.24	MWD
6709.00	90.10	357.70	4869.33	1879.62	6.44	1879.59	0.97	1879.64	0.20	MWD
6740.00	90.20	358.00	4869.25	1910.60	5.28	1910.57	1.02	1910.61	0.16	MWD
6771.00	90.20	358.00	4869.14	1941.58	4.19	1941.56	0.00	1941.59	0.12	MWD
6802.00	90.20	358.40	4869.03	1972.57	3.22	1972.55	1.29	1972.57	0.09	MWD
6833.00	90.30	358.00	4868.89	2003.55	2.25	2003.53	1.33	2003.55	0.06	MWD
6865.00	90.10	358.00	4868.78	2035.53	1.13	2035.52	0.62	2035.53	0.03	MWD
6895.00	90.00	357.00	4868.76	2065.50	-0.18	2065.49	3.35	2065.50	360.00	MWD
6940.00	90.00	357.00	4868.76	2110.44	-2.53	2110.44	0.00	2110.44	359.93	MWD

Ryan Energy Technologies

Survey Report



Company: BURNETT OIL COMPANY	Date: 12/9/2005	Time: 15:52:51	Page: 1
Field: Eddy County, NM	Co-ordinate(NE) Reference: Site: Jackson A-35, Grid North		
Site: Jackson A-35	Vertical (TVD) Reference: Est. RKB 3751.0		
Well: Well # A-35	Section (VS) Reference: Well (0.00N,0.00E,359.81Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Eddy County, NM Cedar Lake, Yeso USA	Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre	
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005	

Site: Jackson A-35 Section 13, T17S, R30E Eddy County, NM					
Site Position:	Northing: 667686.90 ft	Latitude: 32 50 5.594 N			
From: Map	Easting: 625785.80 ft	Longitude: 103 55 25.727 W			
Position Uncertainty: 0.00 ft		North Reference: Grid			
Ground Level: 3739.00 ft		Grid Convergence: 0.22 deg			

Well: Well # A-35 API# 30-015-	Slat Name:				
Well Position: +N/-S 0.00 ft	Northing: 667686.90 ft	Latitude: 32 50 5.594 N			
+E/-W 0.00 ft	Easting: 625785.80 ft	Longitude: 103 55 25.727 W			
Position Uncertainty: 0.00 ft					

Wellpath: Original Hole	Drilled From: Surface				
Current Datum: Est. RKB	Tie-on Depth: 0.00 ft				
Magnetic Data: 11/10/2005	Above System Datum: Mean Sea Level				
Field Strength: 49548 nT	Declination: 8.45 deg				
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.83 deg				
ft	+N/-S ft	+E/-W ft	Direction deg		
0.00	0.00	0.00	359.81		

Survey Program for Definitive Wellpath					
Date: 12/9/2005	Validated: Yes	Version: 2			
Actual From ft	To ft	Survey	Toolcode	Tool Name	

Survey

ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
4660.00	0.36	334.20	4659.26	24.34	-13.22	24.38	0.00	27.69	331.50	MWD
4737.00	3.70	359.00	4736.20	27.04	-13.36	27.09	4.39	30.16	333.70	MWD
4777.00	17.20	35.30	4775.47	33.19	-9.95	33.22	35.95	34.65	343.31	MWD
4808.00	26.30	44.80	4804.24	41.82	-2.45	41.83	31.39	41.90	356.65	MWD
4839.00	35.20	38.50	4830.87	53.72	7.98	53.69	30.50	54.31	8.45	MWD
4870.00	46.10	33.50	4854.36	70.08	19.74	70.01	36.67	72.80	15.74	MWD
4903.00	58.60	37.10	4874.48	91.31	34.87	91.19	38.84	97.74	20.90	MWD
4933.00	72.20	34.60	4886.94	113.39	50.77	113.22	45.96	124.24	24.12	MWD
4964.00	82.80	26.20	4893.65	139.45	66.01	139.23	43.21	154.29	25.33	MWD
4995.00	86.80	12.40	4896.47	168.51	76.18	168.26	46.16	184.93	24.33	MWD
5026.00	92.30	1.50	4896.72	199.23	79.92	198.96	39.37	214.66	21.86	MWD
5057.00	93.70	355.20	4895.09	230.16	79.03	229.89	20.79	243.35	18.95	MWD
5088.00	94.30	354.20	4892.93	260.95	76.18	260.69	3.76	271.84	16.27	MWD
5120.00	94.50	354.10	4890.47	292.69	72.92	292.44	0.70	301.64	13.99	MWD
5151.00	92.50	355.60	4888.58	323.50	70.15	323.27	8.06	331.02	12.23	MWD
5182.00	92.30	355.90	4887.28	354.39	67.85	354.16	1.16	360.83	10.84	MWD
5214.00	92.90	355.60	4885.83	386.27	65.48	386.05	2.10	391.78	9.62	MWD
5246.00	90.60	357.30	4884.86	418.19	63.50	417.97	8.94	422.98	8.63	MWD
5277.00	89.80	358.00	4884.75	449.16	62.23	448.95	3.43	453.45	7.89	MWD
5307.00	87.70	358.40	4885.40	479.14	61.29	478.93	7.13	483.04	7.29	MWD
5337.00	86.90	358.70	4886.81	509.10	60.53	508.89	2.85	512.68	6.78	MWD
5368.00	87.10	358.70	4888.44	540.05	59.83	539.84	0.65	543.35	6.32	MWD
5399.00	87.30	357.70	4889.95	570.99	58.86	570.79	3.29	574.02	5.89	MWD

Ryan Energy Technologies

Survey Report



Company: BURNETT OIL COMPANY
Field: Eddy County, NM
Site: Jackson A-35
Well: Well # A-35
Wellpath: Original Hole

Date: 12/9/2005 **Time:** 15:52:51 **Page:** 2
Co-ordinate(NE) Reference: Site: Jackson A-35, Grid North
Vertical (TVD) Reference: Est. RKB 3751.0
Section (VS) Reference: Well (0.00N,0.00E,359.81Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
5431.00	90.00	357.30	4890.71	602.95	57.46	602.75	8.53	605.68	5.44	MWD
5462.00	90.40	357.30	4890.60	633.92	56.00	633.72	1.29	636.38	5.05	MWD
5492.00	90.50	357.30	4890.36	663.88	54.59	663.69	0.33	666.12	4.70	MWD
5555.00	91.00	357.30	4889.54	726.81	51.62	726.63	0.79	728.64	4.06	MWD
5586.00	90.80	357.70	4889.05	757.77	50.27	757.60	1.44	759.44	3.80	MWD
5618.00	90.80	357.30	4888.60	789.74	48.87	789.57	1.25	791.25	3.54	MWD
5680.00	90.80	357.30	4887.74	851.66	45.95	851.51	0.00	852.90	3.09	MWD
5743.00	90.70	357.00	4886.91	914.58	42.82	914.43	0.50	915.58	2.68	MWD
5774.00	90.60	357.30	4886.56	945.54	41.28	945.40	1.02	946.44	2.50	MWD
5805.00	90.20	357.70	4886.34	976.51	39.93	976.37	1.82	977.33	2.34	MWD
5837.00	90.30	357.70	4886.21	1008.48	38.64	1008.35	0.31	1009.22	2.19	MWD
5868.00	90.70	358.00	4885.93	1039.46	37.48	1039.33	1.61	1040.14	2.07	MWD
5900.00	90.70	358.40	4885.54	1071.44	36.47	1071.31	1.25	1072.06	1.95	MWD
5931.00	90.60	358.40	4885.19	1102.43	35.61	1102.30	0.32	1103.00	1.85	MWD
5962.00	90.60	358.40	4884.87	1133.41	34.74	1133.29	0.00	1133.95	1.76	MWD
5994.00	90.70	358.40	4884.50	1165.40	33.85	1165.28	0.31	1165.89	1.66	MWD
6025.00	90.60	358.70	4884.15	1196.39	33.07	1196.27	1.02	1196.84	1.58	MWD
6056.00	90.50	359.10	4883.86	1227.38	32.47	1227.27	1.33	1227.81	1.52	MWD
6087.00	90.50	359.40	4883.58	1258.38	32.06	1258.26	0.97	1258.79	1.46	MWD
6119.00	90.60	359.40	4883.28	1290.37	31.73	1290.26	0.31	1290.76	1.41	MWD
6150.00	91.80	358.40	4882.63	1321.36	31.13	1321.25	5.04	1321.73	1.35	MWD
6180.00	92.20	357.70	4881.58	1351.32	30.11	1351.22	2.69	1351.66	1.28	MWD
6211.00	92.10	357.30	4880.42	1382.27	28.76	1382.17	1.33	1382.57	1.19	MWD
6241.00	91.90	357.70	4879.37	1412.23	27.46	1412.13	1.49	1412.49	1.11	MWD
6273.00	91.90	357.00	4878.31	1444.17	25.98	1444.08	2.19	1444.41	1.03	MWD
6304.00	91.70	357.30	4877.34	1475.12	24.44	1475.03	1.16	1475.32	0.95	MWD
6335.00	91.70	357.30	4876.42	1506.07	22.98	1505.99	0.00	1506.25	0.87	MWD
6366.00	91.40	357.00	4875.58	1537.02	21.44	1536.94	1.37	1537.17	0.80	MWD
6398.00	91.40	357.00	4874.80	1568.97	19.76	1568.89	0.00	1569.09	0.72	MWD
6429.00	91.40	357.30	4874.04	1599.92	18.22	1599.85	0.97	1600.03	0.65	MWD
6460.00	91.60	357.00	4873.23	1630.87	16.68	1630.81	1.16	1630.96	0.59	MWD
6492.00	91.20	357.30	4872.45	1662.82	15.09	1662.76	1.56	1662.89	0.52	MWD
6523.00	91.20	357.70	4871.80	1693.79	13.74	1693.73	1.29	1693.84	0.46	MWD
6554.00	91.00	358.00	4871.20	1724.76	12.57	1724.71	1.16	1724.81	0.42	MWD
6586.00	91.00	357.70	4870.64	1756.73	11.37	1756.68	0.94	1756.77	0.37	MWD
6617.00	90.80	357.70	4870.16	1787.70	10.13	1787.66	0.65	1787.73	0.32	MWD
6648.00	90.70	357.70	4869.75	1818.68	8.89	1818.64	0.32	1818.70	0.28	MWD
6678.00	90.40	357.70	4869.46	1848.65	7.68	1848.61	1.00	1848.67	0.24	MWD
6709.00	90.10	357.70	4869.33	1879.62	6.44	1879.59	0.97	1879.64	0.20	MWD
6740.00	90.20	358.00	4869.25	1910.60	5.28	1910.57	1.02	1910.61	0.16	MWD
6771.00	90.20	358.00	4869.14	1941.58	4.19	1941.56	0.00	1941.59	0.12	MWD
6802.00	90.20	358.40	4869.03	1972.57	3.22	1972.55	1.29	1972.57	0.09	MWD
6833.00	90.30	358.00	4868.89	2003.55	2.25	2003.53	1.33	2003.55	0.06	MWD
6865.00	90.10	358.00	4868.78	2035.53	1.13	2035.52	0.62	2035.53	0.03	MWD
6895.00	90.00	357.00	4868.76	2065.50	-0.18	2065.49	3.35	2065.50	360.00	MWD
6940.00	90.00	357.00	4868.76	2110.44	-2.53	2110.44	0.00	2110.44	359.93	MWD