

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

District I
1625 N. French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-075-28232

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-10170

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER **Lateral Open Hole**

2. Name of Operator

Marathon Oil Company

RECEIVED

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

JAN 31 2005

4. Well Location

Unit Letter **O** : **660** Feet From The **South** Line and **1980** Feet From The **East** Line

Section **2**

Township **21S**

Range **23E**

NMPM

Eddy

County

10. Date Spudded

01/30/1995

11. Date T.D. Reached

06/07/2004

12. Date Compl. (Ready to Prod.)

06/07/2004

13. Elevations (DF & RKB, RT, GR, etc.)

3771' GL

14. Elev. Casinghead

15. Total Depth

7401

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

7210' to 7240' Wolfcamp

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

No Logs were run on the lateral section of well. Old logs on file w/ OCD

22. Was Well Cored

NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	1230	14 3/4"	2188 sks	
7"	23 & 26	8083'	8 3/4"	1125 sks	
Open hole		7401'	6 1/8"		

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	7166'	5993'

25. TUBING RECORD

26. Perforation record (interval, size, and number)

Well was produced open hole.

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
06/08/2004	Flowing					SI	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
06/08/2004	24	64/64		0	269	0	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
50	0		0	269	0	N/A	

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

Sold

Test Witnessed By

Dwight Brodbeck

30. List Attachments

Directional survey, wellbore diagram

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature **Charles E. Kendrick** Printed Name

Charles E. Kendrick

Title **Engineering Tech** Date **01/21/2005**

E-mail address **cekendrix@marathonoil.com**

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1625 N. French Dr., Hobbs, NM 88240

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811 S. 1st Street, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-1C
Revised March 17, 199

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30/015/28232	² Pool Code 97421	³ Pool Name Stinking Drawing Wellcamp GAS
⁴ Property Code 6411	⁵ Property Name North Indian Basin Unit	⁶ Well Number 11
⁷ OGRID No.	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL 3771

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	Count
0	2	21-S	23-E		660	SOUTH	1980	EAST	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	Count

¹² Dedicated Acres 3201 S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR /
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. mtmick Signature Mike Mick Printed Name Sr. Adv. Engineering Tech. Title 02-27-04 Date
	¹⁸ 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 Surveyer: Certificate Number

Diagram showing well location with dimensions: 1980' and 660'.

North Indian Basin Unit No. 11 Deepen to the Wolf camp

- 05/28/2004 Rigged up Baker Atlas. RIH w/ CIBP on electric line. Tagged @ 6688'. Ran CCL. Found casing collars @ 6580' & 6622'. Set CIPB @ 6615'. Ran whipstock oriented to 269.6 degrees, and set.
- 05/29/2004 Milled casing window w/ 6 1/8" mill. Top of window @ 6597', bottom of window @ 6605'. Drilled open hole below window to 6609'. Mill worn down 3/16" to 5 15/16". POOH waiting on new mill to clean up window.
- 05/30/2004 Made clean up run through window w/ mill. Ran drilling assembly. Drilled f/ 6609' to 6643'.
- 05/31/2004 Drilled f/ 6643' to 7210'. Started seeing gas at the shaker @ 7160'. Had excess gas at the shaker @ 7210'. Routed returns to gas separator. Circulated and ignited gas. Had a 20 to 30' flare. Flare diminished while drilling 7210' to 7220'.
- 06/01/2004 Drilled f/ 7220' to 7401'. Intermittent 5 to 10' flare. Strip out of hole with 28 jts drill pipe to 6533'. Switched out 9.2 ppg brine to 10.0 ppg brine. Circulated hole. RIH w/ 28 jts drill pipe to 7401'. Circulated bottoms up. Well dead. Laid down 3 1/2" drill pipe.
- 06/02/2004 Laid down drill collars, and directional bottom hole assembly. RIH w/ on-off tool, packer, 2 3/8" production tubing, and perforated bull plug. Set packer @ 5996', bottom of tubing @ 7166'. Nipple up well head and prepare to turn well to production.

* The well was placed on production on 06/08/2004 from the Wolfcamp pool until gas flow died on 07/09/2004. The well flowed a total of 3083 mcf, which was continuously measured through a test meter dedicated exclusively to this well. The gas was transferred to Indian Basin Gas Plant via the gas sales meter at the NIBU 11 Satellite Facility.

North Indian Basin Unit No. 11
Attempt to deepen to Morrow/ P & A well

08/05/2004 Move in rigged up workover unit. Blew down well. Released on/off tool and pumped water to kill well. Released packer. Well kicked and had to be blown down again. POOH laying down tubing. SI

08/06/2004 Laid down remaining 2 3/8" production tubing. PU 6 1/8" bit, motor, MWD, 24 4 3/4" drill collars, & 207 jts 3 1/2" drill pipe. Tagged up bottom of lateral @ 7401'. Drill to 7417'. MWD failed. POOH change out MWD tool.

08/07/2004 RIH drilled 7417' to 7546'. Lost all returns. Drilled t/ 7556'. POOH. PU steering tool & UBHO sub.

08/08/2004 Dry drilled 7556' to 7820'. Drilled 7820' to 7940' w/ 40% returns. Stuck pipe @ 7940'. Fished steering tool.

08/09/2004 Worked stuck pipe. Pumped 1000 gals CCS sour acid down drill pipe. Work drill pipe. Ran free point. Stuck below 7540'. Back off pipe @ 7484'. POOH w/ pipe. Recovered 11 drill collars of 24. RIH /bumper sub, jars, and fishing tools. Engage fish @ 7484'.

08/10/2004 Jarring on fish no movement. RIH w/ wireline perforate drill collars @ 7596'. Pumped down drill pipe. Pressured to 2000 psi. Small bleed off. Manually back off sub @ 7484'. Circulated hole clean. Pumped 24 bbls acid down drill pipe. Displaced 2 bbls of acid on annulus side. Screwed into fish @ 7484' pumped remaining 22 bbls down drill pipe to perfs or motor and bit. Jarred on fish no movement.. Perforated drill collars f/ 7652' to 7816'. Run free point. 100% stuck below screw in sub @ 7484'. Fill around jars indication of Wolfcamp falling in. In drill pipe w/ 1.9" CIBP. Set @ 7834'. Pumped 61 bbls of 15% CCS acid. CIBP not holding.

08/11/2004 Dropped wiper plug and pumped to bottom. Ran sinker bar and tagged wiper @ 7730' Pushed wiper to CIBP @ 7834'. Attempted to work pipe and jarred on fish. No movement. **Decided to back off and abandon hole.** Attempted to manually back off, failed. Ran string shot and backed off @ 7455' (top of fishing jars) POOH w/ drill pipe, laid down 10 4 3/4" drill collars. RIH open ended w/ drill pipe.

08/12/2004 Ran drill pipe to 7149'. Spotted cement plug f/ 7149' to 56765'. (1384' plug) w/ 305 sks Premium Cement + .03 % Halad mixed at 15.6 ppg, 1.8 cuft/sx yield. Pulled 76 jts drill pipe and reversed out. RIH tagged cement @ 5800'. Laid down 3 jts drill pipe.

08/14/2004 Laid down 116 jts drill pipe. Ran drill pipe out of derrick to 3760'. Spotted cement plug from 3760' to 2092' (1668' plug) w/ 345 sks Premium Cement mixed @ 15.6 ppg, 1.18 cuft/sx yield. Pulled 60 jts drill pipe to 1900'. Reversed out. Laid down 58 joints drill pipe. RIH w/ 40 joints to 1274'. Spotted cement plug f/ 1274' to 1174' (100' plug) w/ 25 sks Premium Cement + 2% CaCl mixed @ 15.6 ppg, 1.18 cuft/sx yield. RIH tagged top of plug @ 1174'. Laid down 40 joints drill pipe. Nipped down BOP. Spotted cement plug f/ 60' to surface w/ 15 sks Premium Plus Cement + 2 CaCl mixed @ 15.6 ppg., 1.18 cuft/sx yield. Install dead hole tree.

08/31/2004 Removed well head. Cemented 95/8" X 7" annulus f/ 110' to surface w/ ready mix cement. Welded plate on 7" casing stub, Installed dry hole marker.

Marathon Oil Company
North Indian Basin Unit No. 11

slot #1
NIBU
Eddy County New Mexico

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : MWD ST
Our ref : svy2603
License :

Date printed : 21-Jan-2005
Date created : 1-Jun-2004
Last revised : 10-Aug-2004

Field is centred on n32 30 0.000,w103 10 0
Structure is centred on n32 30 0.000,w104 30 0

Slot location is n32 30 0.000,w104 30 0.000
Slot Grid coordinates are N 375042.799, E -156529.090
Slot local coordinates are 0.00 N 0.00 E

Projection type: lambert - Texas North Central (4202), Spheroid: Clarke - 1866

Reference North is True North

Marathon Oil Company
North Indian Basin Unit No. 11, slot #1
NIBU, Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : MWD ST
Last revised : 10-Aug-2004

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	50.00	0.00	0.00 N	0.00 E	0.00	0.00
100.00	0.51	335.83	100.00	0.41 N	0.18 W	0.51	0.16
200.00	0.58	341.80	199.99	1.29 N	0.52 W	0.09	0.54
300.00	0.94	341.59	299.99	2.55 N	0.94 W	0.36	1.14
400.00	0.84	329.50	399.97	3.96 N	1.57 W	0.21	1.69
500.00	0.77	318.29	499.96	5.10 N	2.39 W	0.17	1.91
600.00	0.82	315.75	599.95	6.11 N	3.34 W	0.06	1.96
700.00	1.71	286.84	699.93	7.05 N	5.26 W	1.07	1.27
800.00	2.52	285.11	799.86	8.06 N	8.81 W	0.81	-0.53
900.00	2.73	288.50	899.76	9.39 N	13.20 W	0.26	-2.69
1000.00	2.17	291.89	999.66	10.85 N	17.21 W	0.58	-4.50
1100.00	1.95	293.07	1099.60	12.22 N	20.53 W	0.22	-5.88
1200.00	1.53	301.35	1199.55	13.58 N	23.24 W	0.49	-6.83
1300.00	1.40	308.02	1299.52	15.03 N	25.34 W	0.21	-7.29
1400.00	1.42	309.54	1399.49	16.57 N	27.26 W	0.04	-7.56
1500.00	1.50	307.32	1499.46	18.15 N	29.25 W	0.10	-7.85
1600.00	1.36	299.92	1599.43	19.54 N	31.32 W	0.23	-8.33
1700.00	1.21	298.46	1699.40	20.63 N	33.28 W	0.15	-8.94
1800.00	1.17	301.40	1799.38	21.67 N	35.08 W	0.07	-9.48
1900.00	1.34	302.12	1899.36	22.82 N	36.94 W	0.17	-9.98
2000.00	1.33	300.01	1999.33	24.03 N	38.94 W	0.05	-10.54
2100.00	1.19	301.83	2099.30	25.15 N	40.82 W	0.15	-11.08
2200.00	1.13	308.52	2199.28	26.32 N	42.48 W	0.15	-11.43
2300.00	1.14	321.68	2299.26	27.71 N	43.87 W	0.26	-11.42
2400.00	1.22	314.89	2399.24	29.24 N	45.24 W	0.16	-11.31
2500.00	1.16	321.61	2499.22	30.79 N	46.62 W	0.15	-11.20
2600.00	1.37	325.54	2599.20	32.57 N	47.93 W	0.23	-10.86
2700.00	1.27	324.19	2699.17	34.45 N	49.25 W	0.10	-10.47
2800.00	1.30	325.15	2799.15	36.28 N	50.55 W	0.04	-10.09
2900.00	1.35	325.18	2899.12	38.18 N	51.87 W	0.05	-9.68
3000.00	1.39	325.72	2999.09	40.15 N	53.22 W	0.04	-9.25
3100.00	1.39	323.66	3099.06	42.13 N	54.63 W	0.05	-8.84
3200.00	1.32	323.15	3199.03	44.02 N	56.03 W	0.07	-8.49
3300.00	1.30	327.07	3299.01	45.90 N	57.34 W	0.09	-8.09
3400.00	1.48	323.81	3398.98	47.89 N	58.72 W	0.20	-7.66
3500.00	1.38	325.49	3498.95	49.93 N	60.17 W	0.11	-7.24
3600.00	1.55	329.55	3598.91	52.09 N	61.53 W	0.20	-6.68
3700.00	1.44	327.85	3698.88	54.31 N	62.89 W	0.12	-6.06
3800.00	1.56	329.86	3798.85	56.56 N	64.24 W	0.13	-5.43
3900.00	1.52	324.18	3898.81	58.81 N	65.70 W	0.16	-4.87
4000.00	1.50	324.74	3998.77	60.95 N	67.23 W	0.02	-4.44
4100.00	1.50	315.29	4098.74	62.95 N	68.91 W	0.25	-4.21
4200.00	1.38	307.90	4198.71	64.62 N	70.78 W	0.22	-4.35
4300.00	1.62	301.77	4298.67	66.11 N	72.93 W	0.29	-4.83
4400.00	1.61	292.31	4398.63	67.38 N	75.43 W	0.27	-5.69
4500.00	1.75	295.26	4498.59	68.57 N	78.11 W	0.16	-6.75
4600.00	1.83	298.24	4598.54	69.97 N	80.90 W	0.12	-7.73
4700.00	1.88	307.23	4698.49	71.72 N	83.61 W	0.29	-8.41
4800.00	2.23	313.43	4798.43	74.05 N	86.33 W	0.41	-8.68
4900.00	2.24	315.27	4898.35	76.78 N	89.12 W	0.07	-8.73

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 210.29 on azimuth 311.04 degrees from wellhead.
Vertical section is from wellhead on azimuth 45.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Marathon Oil Company
North Indian Basin Unit No. 11, slot #1
NIBU, Eddy County New Mexico

SURVEY LISTING Page 2
Your ref : MWD ST
Last revised : 10-Aug-2004

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
5000.00	2.33	318.33	4998.27	79.69 N	91.85 W	0.15	-8.60
5100.00	2.53	317.80	5098.18	82.84 N	94.68 W	0.20	-8.37
5200.00	2.47	316.41	5198.09	86.03 N	97.65 W	0.09	-8.21
5300.00	2.64	321.99	5297.99	89.41 N	100.55 W	0.30	-7.88
5400.00	2.47	322.12	5397.89	92.93 N	103.29 W	0.17	-7.33
5500.00	2.37	328.55	5497.80	96.39 N	105.70 W	0.29	-6.58
5600.00	2.27	329.01	5597.72	99.85 N	107.79 W	0.10	-5.62
5700.00	2.05	330.54	5697.65	103.11 N	109.69 W	0.23	-4.66
5800.00	1.95	326.98	5797.58	106.09 N	111.50 W	0.16	-3.83
5900.00	1.83	327.83	5897.53	108.87 N	113.28 W	0.12	-3.12
6000.00	1.34	334.48	5997.49	111.28 N	114.63 W	0.52	-2.37
6100.00	0.68	311.39	6097.48	112.72 N	115.58 W	0.76	-2.02
6200.00	0.71	286.07	6197.47	113.29 N	116.62 W	0.31	-2.36
6300.00	0.96	263.67	6297.46	113.37 N	118.05 W	0.41	-3.31
6400.00	1.01	244.22	6397.44	112.89 N	119.68 W	0.34	-4.80
6500.00	1.14	245.15	6497.43	112.09 N	121.37 W	0.13	-6.56
6610.00	4.00	260.00	6607.30	110.96 N	126.14 W	2.65	-10.74
6641.00	4.40	270.00	6638.22	110.77 N	128.40 W	2.69	-12.46
6672.00	4.30	280.40	6669.13	110.98 N	130.73 W	2.56	-13.96
6704.00	4.00	290.40	6701.05	111.59 N	132.96 W	2.44	-15.11
6735.00	4.40	295.40	6731.97	112.48 N	135.04 W	1.75	-15.96
6767.00	4.50	304.10	6763.87	113.71 N	137.19 W	2.13	-16.61
6798.00	4.70	308.90	6794.77	115.19 N	139.19 W	1.40	-16.97
6829.00	4.50	306.00	6825.67	116.70 N	141.16 W	0.99	-17.30
6861.00	4.50	318.50	6857.57	118.38 N	143.01 W	3.06	-17.42
6893.00	4.40	314.30	6889.48	120.17 N	144.72 W	1.06	-17.35
6924.00	4.00	305.60	6920.39	121.63 N	146.45 W	2.42	-17.55
6955.00	4.00	298.60	6951.32	122.78 N	148.28 W	1.57	-18.03
6987.00	3.70	300.90	6983.25	123.85 N	150.14 W	1.05	-18.59
7018.00	3.90	304.10	7014.18	124.95 N	151.87 W	0.94	-19.04
7050.00	4.20	306.70	7046.10	126.26 N	153.71 W	1.10	-19.41
7082.00	4.70	314.50	7078.00	127.88 N	155.59 W	2.45	-19.59
7114.00	4.40	329.50	7109.90	129.86 N	157.15 W	3.82	-19.30
7145.00	4.10	348.10	7140.82	131.97 N	157.98 W	4.53	-18.39
7209.00	2.20	342.90	7204.72	135.38 N	158.81 W	3.00	-16.57
7273.00	1.00	353.90	7268.69	137.11 N	159.23 W	1.93	-15.64
7337.00	1.40	59.70	7332.68	138.06 N	158.62 W	2.10	-14.54

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 210.29 on azimuth 311.04 degrees from wellhead.
Vertical section is from wellhead on azimuth 45.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Marathon Oil Company
North Indian Basin Unit No. 11, slot #1
NIBU, Eddy County New Mexico

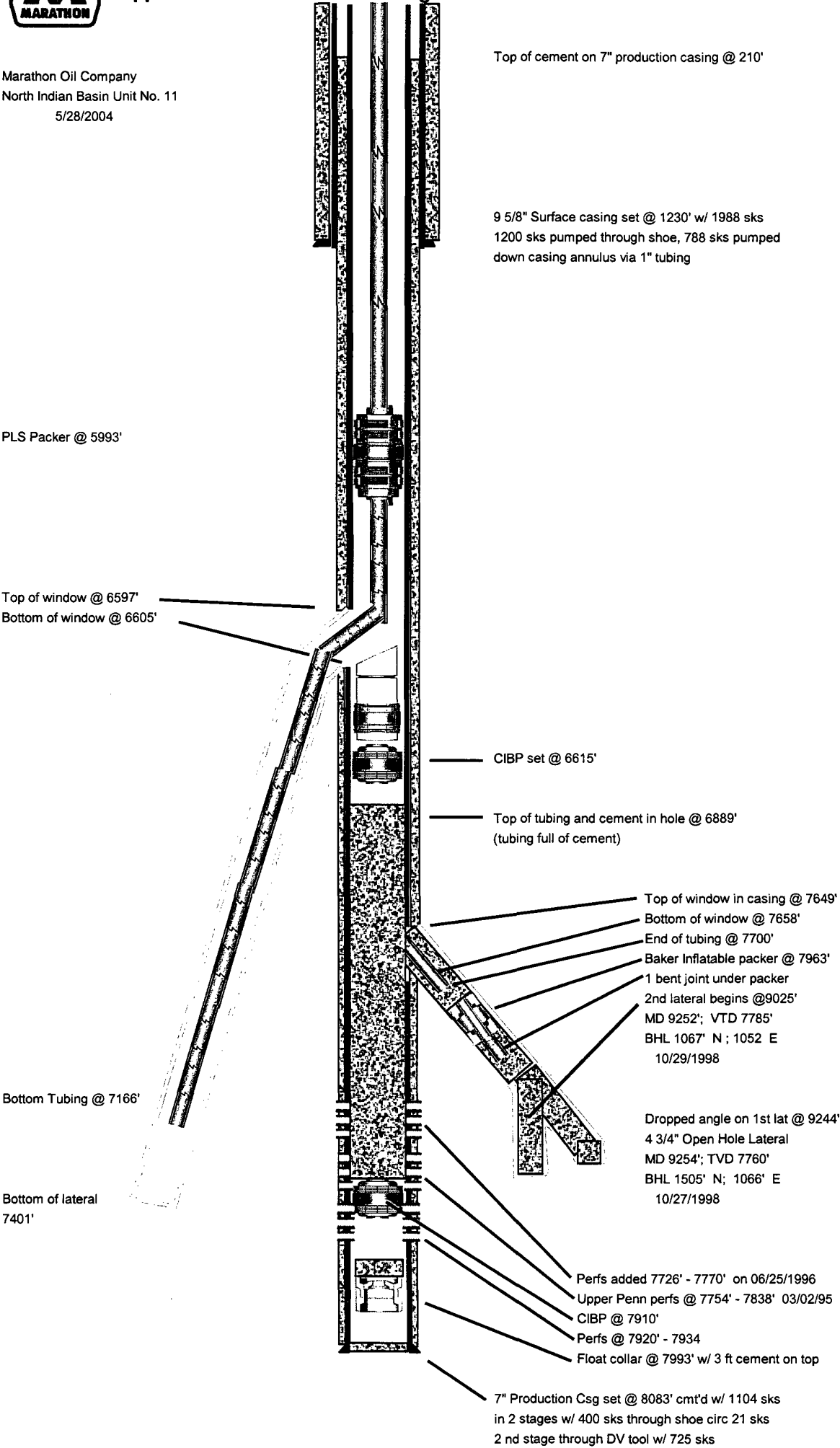
SURVEY LISTING Page 3
Your ref : MWD ST
Last revised : 10-Aug-2004

NO Targets associated with this wellpath



North Indian Basin Unit No. 11
Upper Penn Abandoned w/ tubing cemented in hole

Marathon Oil Company
North Indian Basin Unit No. 11
5/28/2004

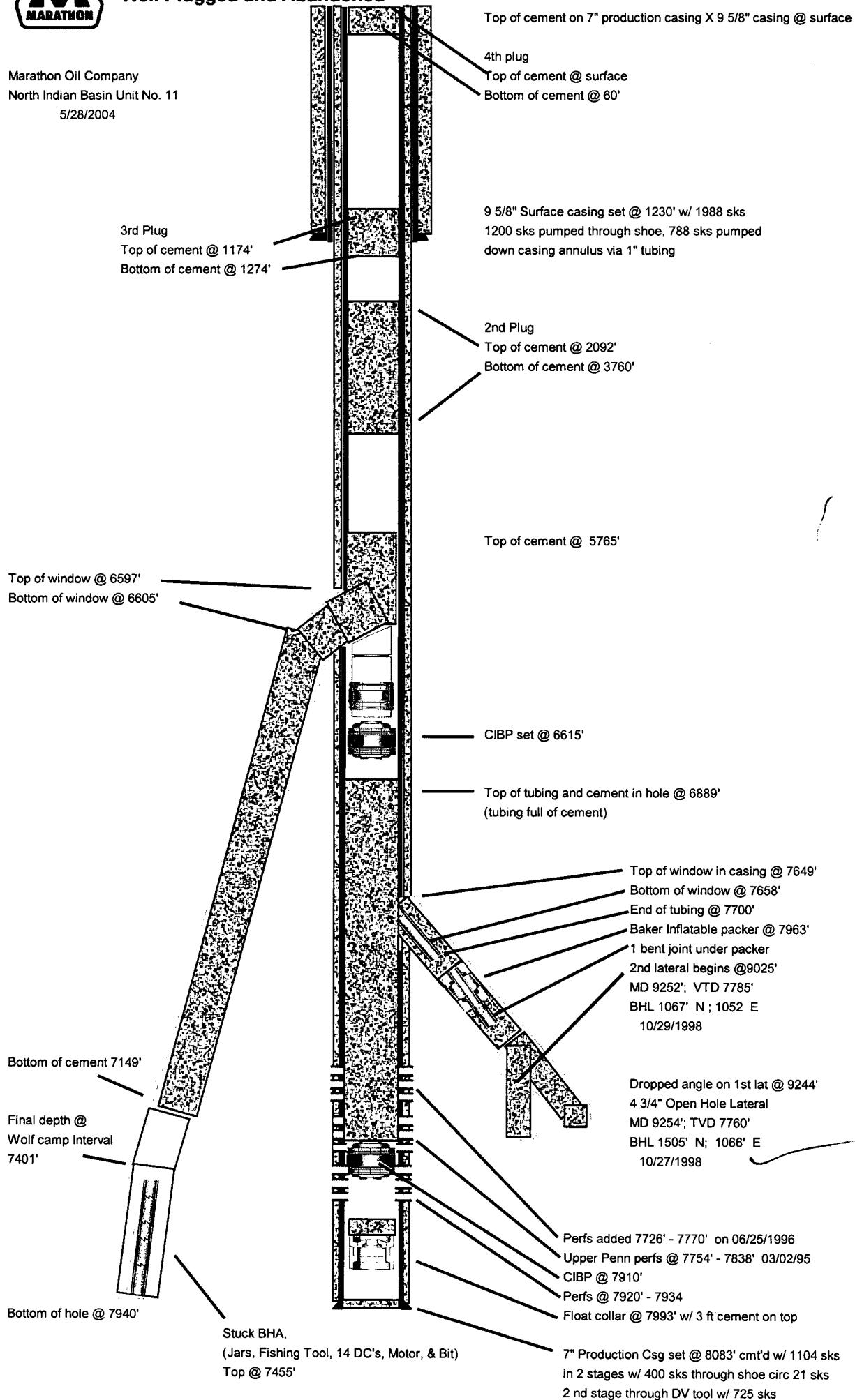


Well Name & Number	North Indian Basin Unit No. 11		Lease	E - 10170		
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA	
Perforations: (MD)			(TVD)	8083'		
Date Completed:	5/28/2004				RKB:	
Prepared By:	Charles E. Kendrix		Last Revision Date:	01/12/05		



North Indian Basin Unit No. 11 Well Plugged and Abandoned

Marathon Oil Company
North Indian Basin Unit No. 11
5/28/2004



Well Name & Number	North Indian Basin Unit No. 11		Lease	E - 10170		
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA	
Perforations: (MD)			(TVD)			
Date Completed:	5/28/2004				RKB:	
Prepared By:	Charles E. Kendrix		Last Revision Date:	01/24/05		