

# **Pressure Data**

## **Upper San Andres/Grayburg**

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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised June 10 2003

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

WELL API NO 30 025 06126
5 Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6 State Oil & Gas Lease No A 3071

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7 Lease Name or Unit Agreement Name Hansen State
b. Type of Completion. NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Marathon Oil Company	8 Well No 3
3 Address of Operator P.O. Box 3487 Houston, TX 77253 3487	9 Pool name or Wildcat Eunice Monument Grayburg San Andres

4 Well Location  
 Unit Letter A 660 Feet From The North Line and 990 Feet From The East Line  
 Section 16 Township 20 S Range 37 E NMPM Lea County

10. Date Spudded 10/09/07	11 Date T.D Reached	12. Date Compl. (Ready to Prod.) 10/19/2007	13 Elevations (DF & RKB RT GR, etc) 3562 GR	14 Elev Casnthead
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15 Total Depth 7986'	16 Plug Back T D 5140	17 If Multiple Compl How Many Zones?	18 Intervals Drilled By	Rotary Tools	Cable Tools
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19 Producing Interval(s) of this completion Top Bottom, Name 4018 4092 Grayburg San Andres	20 Was Directional Survey Made NO
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21 Type Electric and Other Logs Run	22. Was Well Cored NO
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**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#	266	11	200 sks	
7	24#	3700	8 3/4	800 sks	
4 1/2"	11 6#	7963	6 1/8	730 sks	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4184	TAC@3892

**25 TUBING RECORD**

26 Perforation record (interval, size, and number)				27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH	INTERVAL	AMOUNT AND KIND MATERIAL USED			
4018 22 4025 28 4032 34 4043 45 4049 51	4018 4092'	168 gals 7 1/2% NEFE HCL Acid			
4052 54 4069 72 4076 78 4084 86 4088 92	4018 4092	1500 gals 15% NEFE HCL acid			
380 diameter 26 holes					

**28 PRODUCTION**

Date First Production 10/20/2007	Production Method (Flowing gas lift, pumping Size and type pump) Pumping	Well Status (Prod. or Shut in) Active					
Date of Test 11/02/2007	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil Bbl 36	Gas MCF 579	Water Bbl 222	Gas Oil Ratio 16 083
Flow Tubing Press 165	Casing Pressure 165	Calculated 24-Hour Rate	Oil Bbl 36	Gas MCF 579	Water Bbl 222	Oil Gravity API -(Corr) 38 6	

29 Disposition of Gas (Sold, used for fuel vented, etc.) Sold	Test Witnessed By Chris Chesser
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30 List Attachments  
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 Kendrix Printed Name Charles E Kendrix Title Reg Compliance Rep Date 11/29/2007  
 E-mail address cekendrix@marathonoil.com

Submit To Appropriate District Office  
 State Lease 6 copies --  
 Fee Lease 5 copies  
 District I  
 1625 N French Dr., 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

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  
 30-025-36691  
 5 Indicate Type of Lease  
 STATE  FEE   
 State Oil & Gas Lease No

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  
 OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. Type of Completion  
 NEW  WORK  DEEPEN  PLUG  DIFF  
 WELL OVER BACK RESVR.  OTHER

7 Lease Name or Unit Agreement Name  
 North Monument G/SA Unit 2119

2. Name of Operator  
 Amerada Hess Corporation

8 Well No  
 336

3 Address of Operator  
 P O Box 840  
 Seminole TX 79360

9 Pool name or Wildcat  
 Eunice Monument Grayburg-San Andres

4 Well Location  
 Unit Letter **B** **130** Feet From The **North** Line and **2402** Feet From The **East** Line  
 Section **5** Township **20S** Range **37E** NMPM Lea County

10 Date Spudded **7/12/2004** 11 Date T.D Reached **7/20/2004** 12. Date Compl (Ready to Prod.) **8/5/2004** 13 Elevations (DF& RKB RT GR, etc) **3560 GR** 14 Elev Casinghead

15 Total Depth **3916'** 16 Plug Back T D **3892** 17 If Multiple Compl How Many Zones? 18 Intervals Drilled By Rotary Tools Cable Tools

19 Producing Interval(s) of this completion Top Bottom, Name **Eunice Monument, Grayburg San Andres 3672 -3882** 20 Was Directional Survey Made No

21 Type Electric and Other Logs Run **CBL/Platform Express Three-detector LithoDensity/High Resolution Laterolog Array GR** 22 Was Well Cored

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

CASING SIZE	WEIGHT LB/FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1200	11	550 sx C'	
5 1/2	15 5#	3892'	7 7/8	790 sx C	

**24 LINER RECORD** **25 TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3665'	

26 Perforation record (interval, size and number)  
**3672-3682 3692-3696 3700'-3712' 3744-3760 3770-3778 3790'-3800 3806-3822' 3828-3848 3854-3882 Eunice Monument G/SA**

27 ACID SHOT, FRACTURE, CEMENT, SQUEEZE, ETC  
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
**3672'-3882' Acidized w/8000 gals 15% NMGSAU blend**

**28 PRODUCTION**

Date First Production **8/5/2004** Production Method (*Flowing, gas lift, pumping, Size and type pump*) **Pumping 2 1/2 X 2 1/4" THBC 20 pump A 1363** Well Status (*Prod or Shut in*) **Producing**

Date of Test **8/23/2004** Hours Tested **24** Choke Size Prod'n For Test Period Oil Bbl Gas MCF Water Bbl Gas Oil Ratio  
**13 72 494 5760**

Flow Tubing Press **50** Casing Pressure **50** Calculated 24-Hour Rate Oil Bbl Gas MCF Water Bbl Oil Gravity API (Corr)  
**13 72 494 34**

29 Disposition of Gas (*Sold, used for fuel, vented, etc.*) **Sold** Test Witnessed By **Hobbs OCD**

30 List Attachments  
**C103 C104 C102 Logs**

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 **Carol J Moore** Printed Name **Carol J Moore** Title **Senior Advisor/Regulatory** Date **9/7/2004**  
 E-mail Address **cmoore@hess.com**

# OIL CONSERVATION DIVISION

2050 Pacheco  
Santa Fe, NM 87505

WELL API NO 30-025-35741
5 Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil / Gas Lease No

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7 Lease Name or Unit Agreement Name North Monument G/SA Unit Blk. 21 No 20
b Type of Completion NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER _____	

2. Name of Operator Amerada Hess Corporation	8. Well No 332
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3. Address of Operator P O Box 840 Seminole TX 79360	9 Pool Name or Wildcat Eunice Monument G/SA
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4 Well Location  
Unit Letter C 65 Feet From The North Line and 1360 Feet From The West Line  
Section 5 Township 20S Range 37E NMPM Lea COUNTY

10 Date Spudded 12/06/2001	11 Date T D Reached 12/12/2001	12. Date Compl (Ready to Prod.) 01/04/2002	13 Elevations (DF & RKB RT GR etc ) 3559 GR	14 Elev Csghead
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15 Total Depth 3897'	16. Plug Back T D 3893 DOD	17 If Mult. Compl. How Many Zones?	18 Intervals Drilled By X	Rotary Tools	Cable Tools
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19 Producing Interval(s), of this completion Top Bottom Name 3655 3881 Eunice Monument G/SA	20 Was Directional Survey Made Yes
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21 Type Electric and Other Logs Run DLL/CNL/LDT/CACL/GR/RFT/CMR USIT	22. Was Well Cored No
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**23. CASING RECORD (Report all Strings set in well)**

CASING SIZE	WEIGHT LB/FT	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
8-5/8	24#	1143	11"	450 Sks Cl C + Addit.	
5-1/2	15 5#	3897	7 7/8	450 Sks 35-65 C Poz	
				300 Sks Cl C + Addit	

**24 LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25 TUBING RECORD SIZE	DEPTH SET	PACKER SET
					2-7/8	3869'	

26. Perforation record (Interval size and number) Perf w/4" csg. gun w/2 SPF total 351 holes at following 3655-3672 3684-3694 3706-3720, 3732-3778 & fr 3795-3881	27 ACID SHOT FRACTURE, CEMENT SQUEEZE ETC DEPTH INTERVAL 3655 3881 AMOUNT AND KIND MATERIAL USED Acidized w/8600 gal 15% HCL acid
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**28 PRODUCTION**

Date First Production 01/04/2002	Production Method (Flowing gas lift, pumping size and type pump) Pumping 2 1/2 x 2 RHBC 20 x 3 x S x 0 Pump	Well Status (Prod or Shut-in) Producing
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Date of Test 01/06/2002	Hours tested 24 Hours	Choke Size	Prod n For Test Period	Oil Bbl 239	Gas MCF 38	Water Bbl. 108	Gas Oil Ratio 159
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Flow Tubing Press 65	Casing Pressure 65	Calculated 24-Hour Rate	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity API -(Corr)
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29 Disposition of Gas (Sold used for fuel, vented, etc ) Sold	Test Witnessed By
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**30 List Attachments C-102 C-103 C-104 Survey Logs**

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 Roy L. Wheeler, Jr Title Bus Svc Spec. II DATE 01/10/2002

TYPE OR PRINT NAME Roy L. Wheeler, Jr Telephone No 915-758-6778

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be SUBMITTED IN TRIPPLICATE See instructions in the Rules and Regulations of the Commission

Monument, New Mexico

June 23, 1937

Place

Date

OIL CONSERVATION COMMISSION

Santa Fe New Mexico

Gentlemen

Permission is requested to connect Amerada Petroleum Corporation Laughlin

Company or Operator

Lease

Wells No. 2 in NW 1/4 NE 1/4 of Sec. 9, T. 20, R. 37 N M P M

Monument Field Lea County with the pipe line of the Shell Pipe Line Co.

Pipe Line Co

Address

Status of land (State, Government or privately owned)

Location of tank battery 660' from North. 1380' from West. Section 9 - 20 - 37

Description of tanks 2 - High 500barrel wrought iron tanks.

Logs of the above wells were filed with the Oil Conservation Commission June 23, 1937, 19

All other requirements of the Commission have [have not] been complied with (Cross out incorrect words)

Additional information

3850' Total depth. Gray lime. Set 2 1/2" upset tubing at 3850'. Swabbed in and flowed 285 barrels pipe line oil on 12 hour test. Through 40/64" Choke on 2 1/2" tubing. Hourly average of 24 barrels. Daily gas rate of 249,000'. Gas oil ratio 458 Tubing pressure 180#. Casing pressure 750#.

DUPLICATE

Yours truly

Permission is hereby granted to make pipe line connections requested above

Amerada Petroleum Corporation

Owner or Operator

OIL CONSERVATION COMMISSION

By G D Macy

State geologist

Title

Date JUN 24 1937

By J. C. Lewis

Position Farm Boss

Address Monument, New Mexico