

**Mexico “E” Com No. 5
(Hobbs “L” No. 2)**

O-2-23S-36E

Enclosed Filings

C-102

C-103

C-104

C-105

C-107A

**Hard copy of amended C-115, that is to be
transmitted, to NMOCD, by e-mail**

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20832	Property Name Mexico "E" Com	Well Number 5 *
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

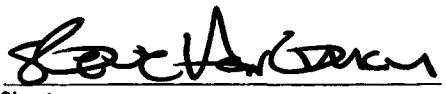
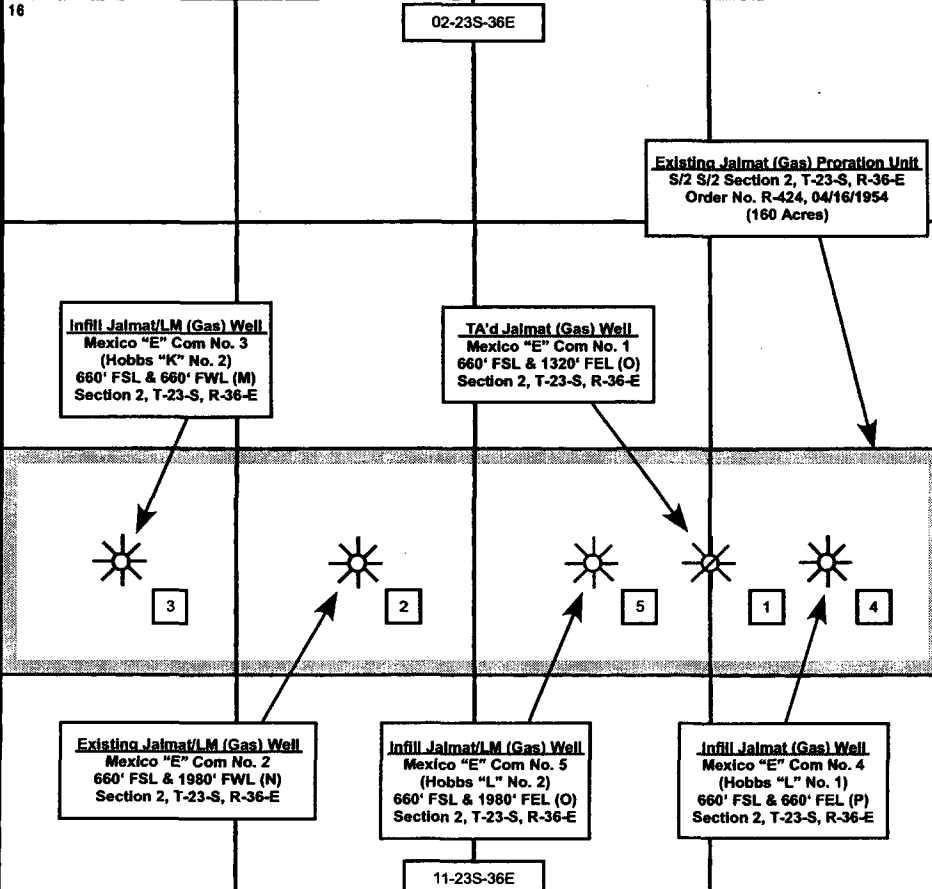
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	2	23S	36E		660'	South	1980'	East	Lea

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	County
Dedicated Acres 160	Joint or Infill Y	Consolidation Code C	Order No. NMOCD Order No. R-424, Approved 04/16/1954						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	17	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 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

District IV
2040 South Pacheco, Santa Fe, NM 87505

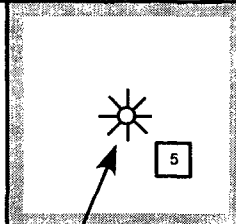
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

API Number 30-025-09228	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20832	Property Name Mexico "E" Corn	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	2	23S	36E		660'	South	1980'	East	Lea

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
¹² Dedicated Acres 160	¹³ Joint or Infill N	¹⁴ Consolidation Code		¹⁵ Order No.					

16	02-23S-36E		17. OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
			18. SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyer:
	Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (O) Section 2, T-23-S, R-36-E 11-23S-36E		Certificate Number

*** Formerly Hobbs "L" No. 2**

DIVIDER PAGE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.	30-025-09228
Indicate Type of Lease	STATE ☒ FEE ☐
State Oil & Gas Lease No.	B-3776
Lease Name or Unit Agreement Name	Mexico "E" Com (Formerly Hobbs "L" No. 2)
Well No.	5
Pool name or Wildcat	Jalmat / Langlie Mattix

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	
Name of Operator Doyle Hartman	
Address of Operator 500 N. Main St., Midland, TX 79701	
Well Location Unit Letter O : 660' Feet From The South Line and 1980' Feet From The East Line Section 2 Township 23S Range 36E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3450' RKB	

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Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
Casing & Cement Repair ☒
OTHER: Perforate, Acidize & Frac Y-7R ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

For details of completed wellbore repair and reserve enhancement operations, and review of upper long-string cementing and bond log results, please refer to pages 2 of 7 thru 7 of 7 attached hereto, and made a part hereof.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE Engineer

DATE 03/22/2004

TYPE OR PRINT NAME Steve Hartman

TELEPHONE NO. (432) 684-4011

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Page 2 of 7
NMOCD Form C-103 dated March 22, 2004
Doyle Hartman
Mexico "E" Com No. 5
(Formerly Hobbs "L" No. 2)
O-2-23S-36E
API No. 30-025-09228

Details of Completed Wellbore Repair and Reserve Enhancement Operations

Moved well service unit onto temporarily abandoned well, on 5-15-02. Pulled and laid down rods and pump. Freed stuck tubing. Pulled and laid down old 2 3/8" O.D. tubing. Ran new 2 3/8" O.D., 4.7 lb/ft, J-55, 8 Rd, EUE tubing equipped with 4 3/4" bit and 3 1/2" check valve. Landed tubing at 3529'.

Hooked up air unit. Commenced pumping air. When bottom-hole returns came to surface, fluid and air started blowing out around wellhead. Shut off air unit. Pulled 2 3/8" O.D. tubing.

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set 5 1/2" Model "C" RBP at 2800'. Set 5 1/2" Model "C" packer at 2778'. Pressure tested 5 1/2" Model "C" RBP to 1500 psi. Pressure held okay.

Moved 5 1/2" Model "C" packer up hole. Tested for location of defective casing. Located defective casing between 467' and 1047'.

Tested 5 1/2" O.D. casing, from 1047' to 2800', to 500 psi. Pressure held okay. Tested 5 1/2" O.D. casing, from surface to 467', to 500 psi. Pressure held okay.

Pulled and laid down 5 1/2" Model "C" packer. Poured 4 sx of frac sand on top of 5 1/2" Model "C" RBP.

Moved in trackhoe. Dug out around well. Cut off and replaced corroded 8 5/8" O.D. casing and 5 1/2" O.D. casing. Wrapped exposed casing with corrosion-resistant tape.

Installed 52" O.D. x 11' corrugated steel cellar can. Backfilled around cellar can.

Sealed 8 5/8" x 5 1/2" casing annulus with 8 5/8" x 5 1/2" x 1/2" welded steel seal ring. Welded 2" high-pressure threaded outlet to side of 8 5/8" O.D. casing.

Rigged up Halliburton, on 7-22-02. Installed 5 1/2" cementing head. Established circulation down 5 1/2" O.D. casing and back up 8 5/8" x 5 1/2" casing annulus.

Repaired defective 5 1/2" O.D. long string, between 467' and 1047', by squeeze cementing with 1200 cu. ft. (900 sx) of cement slurry, consisting of 500 sx of API Class "C" cement containing 2% CaCl₂, 5lb/sx Gilsonite, and 0.5 lb/sx Flocele, followed by 400 sx of API Class "C" cement containing 2.5% CaCl₂, 5lb/sx Gilsonite, and 0.5 lb/sx Flocele. After achieving cement returns to surface, allowed cement returns to flow out 8 5/8" O.D. casing side outlet and fill 52" O.D. x 11' cellar can.

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Mexico "E" Com No. 5
(Formerly Hobbs "L" No. 2)
O-2-23S-36E
API No. 30-025-09228

Closed 8 5/8" O.D. casing side valve. Utilized remainder of cement slurry to squeeze and repair defective casing (between 467' and 1047'). Performed squeeze at an average pump rate of 7 BPM. While squeezing, pump pressure increased from 642 psi to 1017 psi. Displaced cement with 10.5 bbls of water, at 1.2 BPM, at 640 psi. ISIP = 524 psi. 5-min SIP = 31 psi.

Moved in well service unit. Removed 5 1/2" cementing head. Installed B & M Oil Tool 5 1/2" x 2 3/8" x 3" 3000-psi Type MR tubinghead.

Ran 396.26' bottom-hole drilling assembly. Tagged top of cement at 396'. Drilled cement to 1038'. Fell out of cement at 1038'. Circulated hole clean.

Lowered 2 7/8" O.D. work string. Tagged at 2719'. Cleaned out wellbore to 2800'. Unloaded water from hole, to blowdown tank. Recovered 5 1/2" Model "C" RBP.

Ran 356.42' bottom-hole drilling and cleanout assembly. Cleaned out wellbore to 3751'. Drilled 4 7/8" hole to 3775'.

Circulated hole clean. Tripped out of hole with 2 7/8" O.D. tubing and bottom-hole drilling and cleanout assembly.

Installed 4 3/4" button bit. Drilled 4 3/4" hole from 3775' to 3885'. Pulled and laid down 4 3/4" button bit.

Ran 199.89' string-mill assembly. Rotated 4 3/4" string-mill assembly from 3753' to 3885'. Circulated hole clean and dry. Pulled string-mill assembly.

Rigged up Schlumberger. Logged well with SAS-CNL-GR-CCL log and VDCBL-GR-CCL log. Found good cement bonding from 260' to 506' and from 920' to 1562', with a cement gap between 594' and 868'.

Ran and set 4 1/2" O.D., 11.6 lb/ft, J-55, FJ liner, from 3495' to 3883'. Ran 5 1/2" Model "C" packer. Squeeze cemented 4 1/2" O.D. flush-joint liner into place utilizing 1600 cu. ft. (1200 sx) of cement slurry, consisting of 1050 sx of API Class "C" cement containing 2.5% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele, followed by 150 sx of API Class "C" cement containing 2.5% CaCl₂. Pumped cement at an average rate of 10 BPM, at 3800 psi. Displaced cement with 21 bbls of water, at a final displacement rate of 0.3 BPM, at 873 psi. 5-min SIP = 824 psi. 10-min SIP = 804 psi. Pulled 5 1/2" Model "C" packer.

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O-2-23S-36E
API No. 30-025-09228

Installed Halliburton 5 1/2" cementing head. Re-squeezed down 5 1/2" O.D. casing, with an additional 1800 sx of API Class "C" cement containing 3% CaCl₂, 5 lb/sx Gilsonite, and 0.5 lb/sx Flocele. Pumped cement at an average pump rate of 14 BPM and average pump pressure of 1250 psi. Displaced cement with 10.5 bbls of water, at a final displacement rate of 0.3 BPM, at 475 psi.

Ran 355.97' bottom-hole drilling assembly. Tagged cement at 429'. Drilled hard cement to 620', and junk cement to 660'. Fell out of cement at 660'. Circulated hole clean.

Lowered work string. Tagged cement at 3338'. Drilled cement from 3338' to 3495' (top of 4 1/2" O.D. liner). Circulated hole clean. Pulled and laid down 2 7/8" O.D. work string and large-bore bottom-hole drilling assembly.

Ran 177.75' small-bore bottom-hole drilling assembly equipped with 3 7/8" blade bit and (6) 3 1/8" drill collars. Drilled cement from top of 4 1/2" O.D. liner to 3875'. Circulated hole clean. Pulled and laid down small-bore bottom-hole drilling assembly.

Ran 4 7/8" bit and 5 1/2" casing scraper, to top of 4 1/2" O.D. liner. Circulated hole clean. Pulled 4 7/8" bit and 5 1/2" casing scraper.

Ran 3 7/8" bit and 4 1/2" casing scraper, to 3875'. Circulated hole clean. Pulled 3 7/8" bit and 4 1/2" casing scraper.

Ran and set 5 1/2" Model "C" packer at 3002'. Pressure tested 5 1/2" O.D. casing and 4 1/2" O.D. liner, between 3002' and 3875', to 3000 psi, for 15 minutes. Pressure held okay. Pulled 5 1/2" Model "C" packer.

Ran 2 3/8" O.D. tubing. Hooked up air unit. Unloaded water from hole, to blowdown tank. Pulled 2 3/8" O.D. tubing.

Select-fire perforated, with (32) 0.45" x 23" holes, with one shot each at:

3103	3138	3209	3223	3323	3410	3451
3110	3144	3212	3226	3383	3423	3453
3113	3154	3214	3271	3385	3425	
3124	3201	3216	3273	3405	3445	
3135	3203	3220	3275	3413	3449	

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set 5 1/2" Model "C" RBP at 3480'. Set

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O-2-23S-36E
API No. 30-025-09228

bottom of 5 1/2" Model "C" packer at 3470'. Pumped 150 gal of 15% MCA acid down tubing, followed by 0.5 bbls of 2% KCl water. Allowed acid to fall and equalize.

Raised and set 5 1/2" Model "C" packer at 3304'. Pumped an additional 250 gal of 15% MCA acid down tubing. Let acid soak for 15 minutes. Acidized perfs, from 3373' to 3453' (12 holes), with an additional 2000 gal (total of 2400 gal) of 15% MCA acid and 15 ball sealers, at an average treating rate of 4.0 BPM. Max treating pressure = 3000 psi (at ballout, on the 14th ball). Flushed acid with 15.9 bbls of 2% KCl water. ISIP = 0 psi.

Raised and set 5 1/2" Model "C" RBP at 3325'. Raised bottom of 5 1/2" Model "C" packer to 3304'. Pumped 250 gal of 15% MCA acid down tubing, followed by 0.5 bbls of 2% KCl water. Allowed acid to fall and equalize.

Raised and set 5 1/2" Model "C" packer at 3038'. Pumped 300 gal of 15% MCA acid down tubing. Allowed acid to soak for 15 minutes. Acidized perfs, from 3103' to 3275', with an additional 3500 gal (total of 4050 gal) of 15% MCA acid and 27 ball sealers, at an average treating rate of 4.0 BPM. Maximum treating pressure = 3152 psi (at ballout, on 27th ball). Flushed acid with 17.2 bbls of 2% KCl water. ISIP = 97 psi. 1-min SIP = 0 psi.

Pulled and laid down 5 1/2" Model "C" packer and 5 1/2" Model "C" RBP.

Ran and landed bottom of 2 3/8" O.D. tubing at 3779' RKB (113 jts @ 33.2'/jt + 1.1'SN + 18'MA - 2'AGL + 10'KBC = 3778.7'). Ran 3/4" API Class "KD" rod string and 2" x 1 1/4" x 12' RHAC insert pump. Started pumping well and recovering load, at 6:00 P.M., CDT, 8-6-02, at 7.5 Spm x 64" x 1 1/4".

Moved in and rigged up well service unit, on 11-19-02. Pulled rods and 2 3/8" O.D. tubing. Select-fire perforated with (5) 0.37" x 17" holes, with one shot each at:

3189	3540
3468	3543
3509	

Ran 3 1/2" O.D., 9.3 lb/ft, N-80 frac string and 5 1/2" PLS full-bore frac packer. Set 5 1/2" PLS frac packer at 3044'. Installed 3 1/2" 8 Rd heavy-duty frac valves. Shut in well for pressure buildup. 12.75-hr SITP = 31.25 psi.

Performed CO₂ foam frac down 3 1/2" O.D., N-80 frac string with 233,000 gal of gelled water and

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API No. 30-025-09228

CO₂ (52.8% CO₂) and 500,000 lb of frac sand (10% 20/40, 15% 10/20, 75% 8/16).

ISIP =	909 psi
5-min SIP =	700 psi
15-min SIP =	516 psi

Left well shut in for 85 minutes. Flowed well to blowdown tank for 17.5 hrs. Pulled and laid down 3 1/2" O.D. frac string. Removed heavy-duty frac valves. Installed 3" ball valves.

Ran 2 3/8" O.D. production tubing equipped with 1.1'SN and 18'MA. Tagged top of frac sand at 3487'. Cleaned out frac sand to 3875'. Made a total of fourteen (14) short trips to allow more frac sand (a total of 220') to influx into wellbore. Cleaned out frac sand after each short trip.

Circulated hole clean and dry. Raised and landed bottom of mud anchor at 3712' RKB (111 jts @ 33.2'/jt + 1.1'SN + 18'MA - 2'AGL + 10'KBC = 3712.3'). Ran 3/4" API Class "KD" rod string and 2" x 1 1/4" x 12' RHAC insert pump. Started pumping well on 11-24-02, at 7.5 Spm x 64" x 1 1/4". On 12-4-02, tested well through orifice tester, at a rate of 270 MCFPD + 9 BWPD. Orifice plate size = 0.625". PCP = 28.5 psig.

Total wellbore repair and reserve enhancement cost = \$514,330.

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NMOCD Form C-103 dated March 22, 2004
Doyle Hartman
Mexico "E" Com No. 5
(Formerly Hobbs "L" No. 2)
O-2-23S-36E
API No. 30-025-09228

Mexico "E" Com No. 5
Upper Long-String
Cementing and Bond Log Results

A review of the VDCBL bond log, that was run in the Mexico "E" Com No. 5 well, on 7-30-02, documents the placement of cement, on the outside of the 5 1/2" O.D. casing, from 256' to 1588', as a result of the 900-sx squeeze job that was performed on 7-22-02. The 7-30-02 VDCBL cement bond log also indicated the existence of a gap in cement coverage, from 594' to 868'. As to the non-logged interval, above 200', while performing the 900-sx cement job, cement returns were achieved back to surface, and the cellar can was filled with cement, before the remainder of the cement was squeezed away. After the cement set, hard cement was drilled, from 396' to 1038', indicating that a major cement slurry exit point, for the 900-sx squeeze job, was at approximately 1038'.

On 7-31-02, a followup squeeze job was performed down the 5 1/2" O.D. casing, at an average pump rate of 14 BPM, and average pump pressure of 1250 psi, utilizing an additional 1800 sx of cement. After the cement set, corresponding to the followup 1800-sx squeeze job, hard cement was drilled, from 429' to 620'. Fell out of cement at 660'.

The results of the drillout of the followup 1800-sx cement job, including the termination of hard cement at 620', strongly suggests that the cement slurry exit point, for the followup 1800-sx cement job, was at approximately 620', and that the prior cement gap, from 594' to 868', was thoroughly squeezed, as a result of the followup large-volume 1800-sx squeeze job.

The 7-30-02 VDCBL cement bond log found the top of the original long-string cement job at 2740'.

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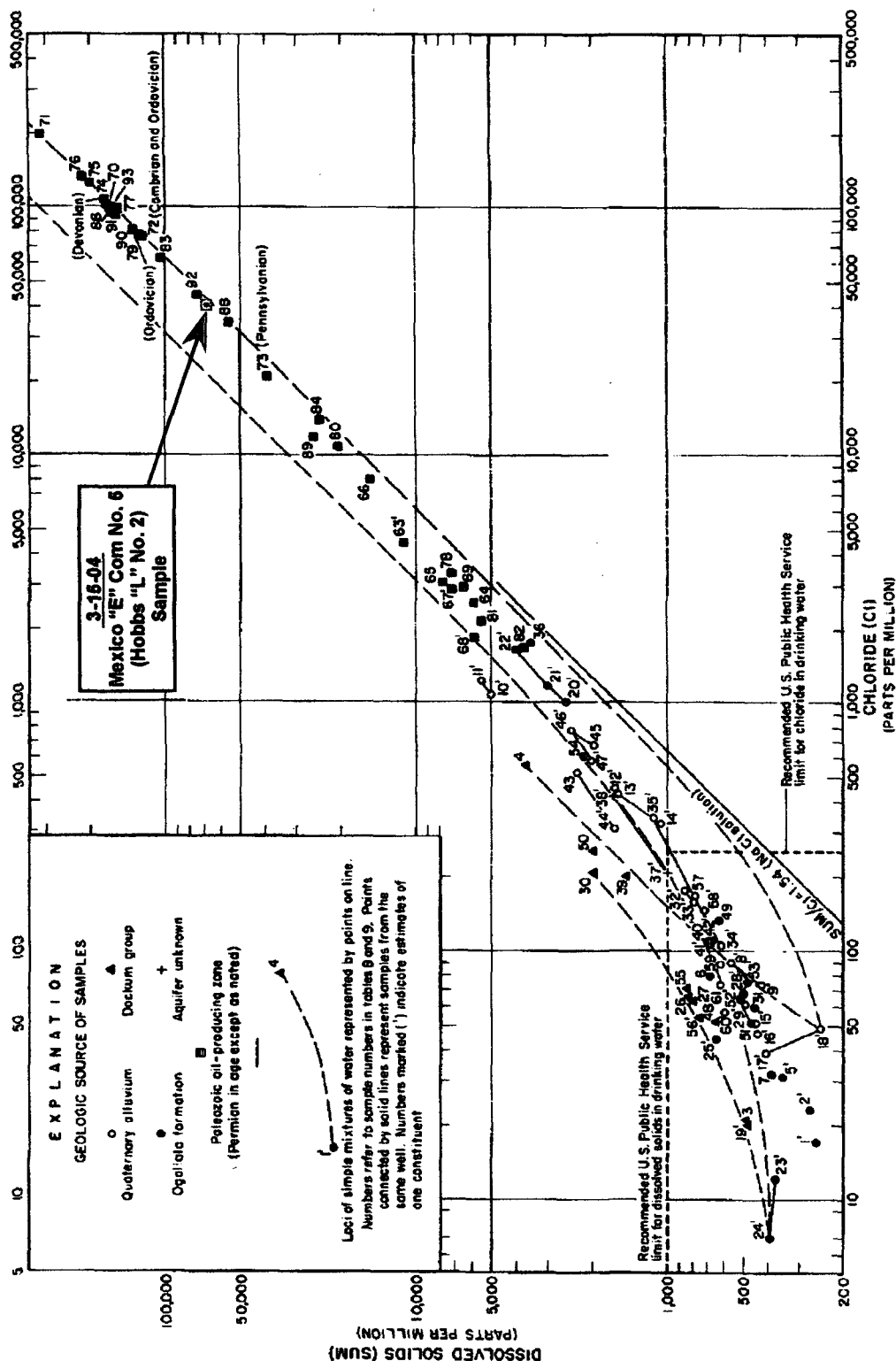


Figure 28

RELATION OF DISSOLVED SOLIDS TO CHLORIDE IN SAMPLES OF GROUND WATER
FROM SOUTHERN LEA COUNTY, N. MEX.

(Graph from Ground-Water Report No. 6
"Geology and Ground-Water Conditions in Southern Lea County, New Mexico"
by Alexander Nicholson, Jr. and Alfred Clebsch, Jr
USGS)

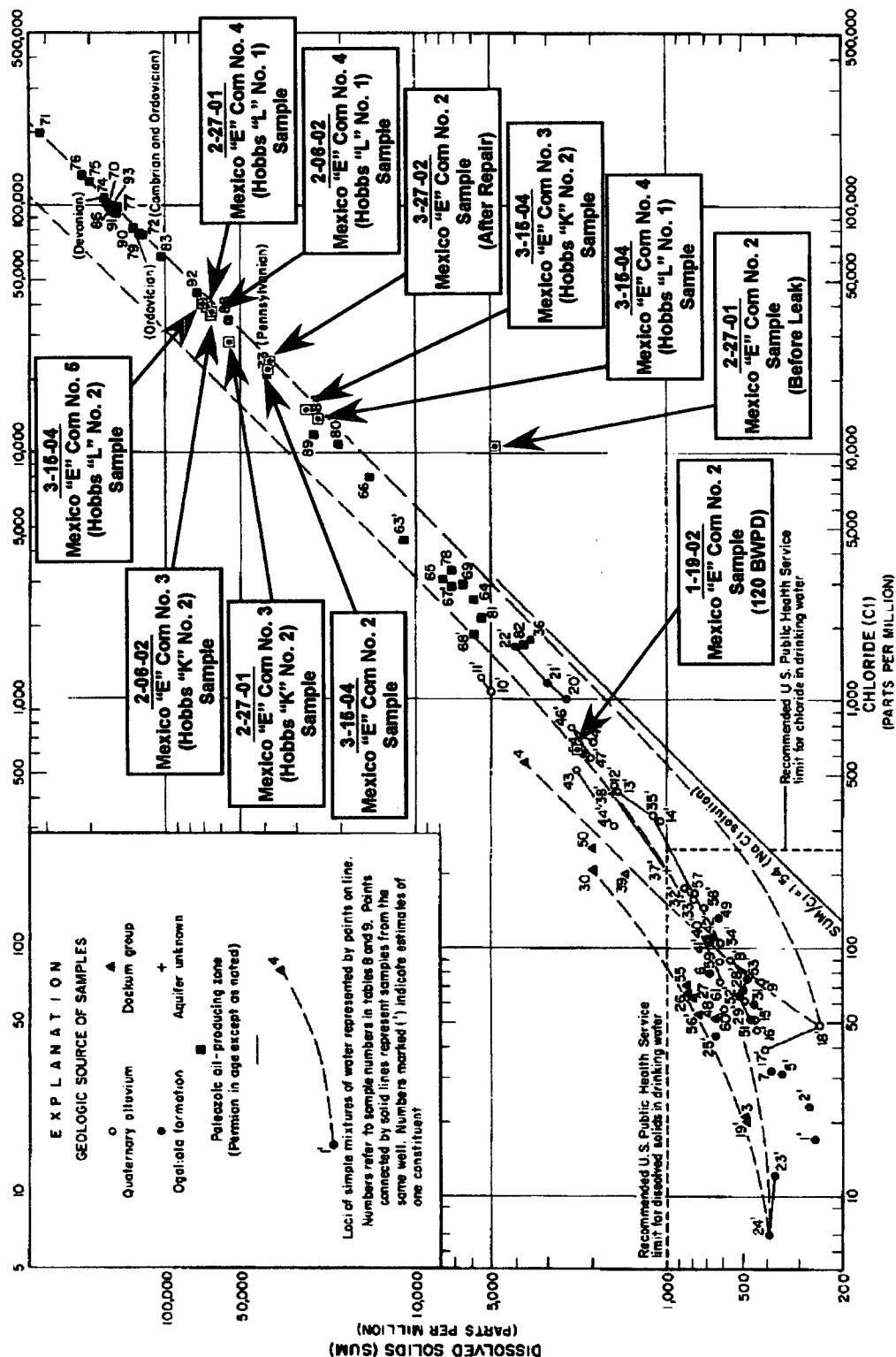


Figure 28

RELATION OF DISSOLVED SOLIDS TO CHLORIDE IN SAMPLES OF GROUND WATER FROM SOUTHERN LEA COUNTY, N. MEX.

(Graph from Ground-Water Report No. 6
"Geology and Ground-Water Conditions in Southern Lea County, New Mexico"
 by Alexander Nicholson, Jr. and Alfred Clebsch, Jr
 USGS)

WATER SAMPLE TAKEN 3-15-04

P.O. Box 1468 (915) 943-3234 or (915) 563-1040
Monahans, Texas 79756

MARTIN WATER LABORATORIES, INC.

709 W. Indiana (915) 683-4521
Midland, Texas 79701

RESULT OF WATER ANALYSES

TO: Mr. Don Mashburn LABORATORY NO. 304-77
P.O. Box 10426 SAMPLE RECEIVED 3-15-04
Midland, TX 79702 RESULTS REPORTED 3-17-04

API WATER ANALYSIS REPORT FORM

Company Doyle Hartman Oil Operators		Sample No.		Date Sampled	
Field		Legal Description		County or Parish Lea	
Lease or Unit Hobbs L		Well #2		Depth	
Type of Water (Produced, Supply, etc.) Produced		Sampling Point		Water, B/D NM	
				Sampled By	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	16,975	738.0
Calcium, Ca	2,640	132.0
Magnesium, Mg	4,666	384.0
Barium, Ba		

OTHER PROPERTIES

pH	6.26
Specific Gravity, 60/60 F	1.0512
Resistivity (ohm-meters) @ 77° F.	0.118
Total Hardness	25,800

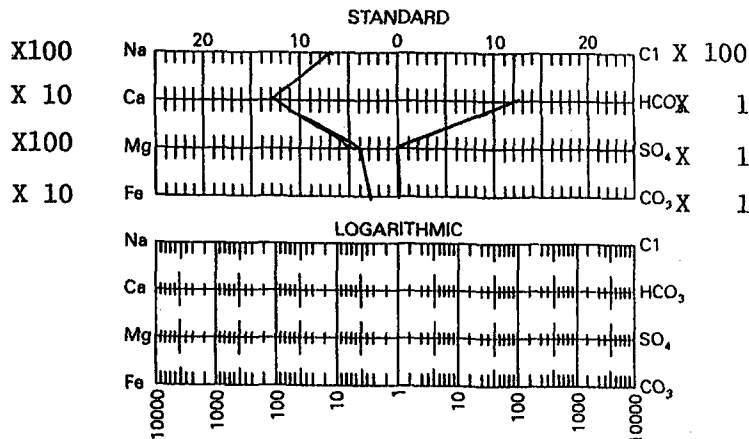
ANIONS

Chloride, Cl	44,020	1,241.4
Sulfate, SO ₄	11	0.2
Carbonate, CO ₃	0	0.0
Bicarbonate, HCO ₃	756	12.4

Total Dissolved Solids (calc.) 69,068

Iron, Fe (total)	839	33.5
Sulfide, as H ₂ S	95	

WATER PATTERNS - me/l



REMARKS & RECOMMENDATIONS: Please contact us if we can be of any assistance in interpreting these results.

Greg Ogden
Greg Ogden, B.S.

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

MAR 18 2004

FAX: Doyle Hartman (214-520-1434)

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

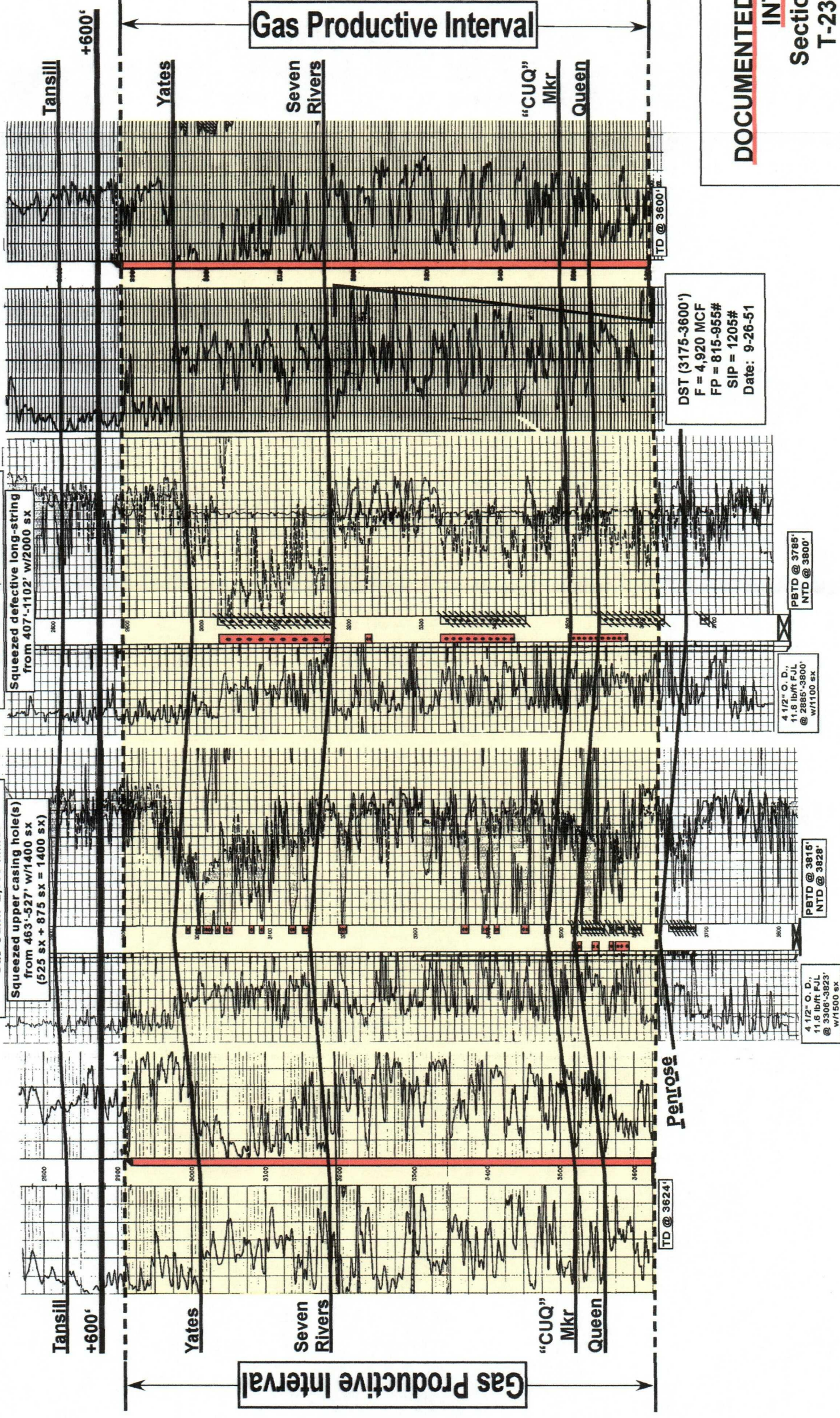
B'

Raptor Resources, Inc.
State "A" A/C-1 No. 30
I-03-23S-36E
Comp. Date: 10-23-51
Gas Cum: 4,983 MMCF

Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recomp. Date: 12-05-02
Gas Cum: 2,099 MMCF

Doyle Hartman
Mexico "E" Com No. 2
(Hobbs "K" No. 1)
N-02-23S-36E
Comp. Date: 11-10-59
Repair & Recomp. Date: 3-18-02
Gas Cum: 1,493 MMCF

Raptor Resources, Inc.
State "A" A/C-1 No. 29
C-11-23S-36E
Comp. Date: 9-26-51
Gas Cum: 6,578 MMCF



DOCUMENTED GAS PRODUCTIVE INTERVAL

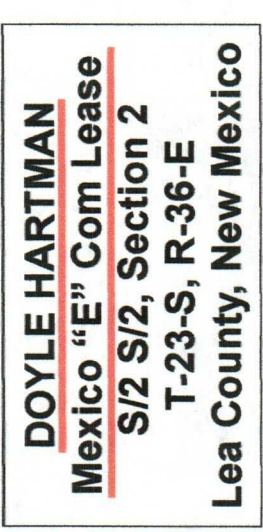
Sections 2, 3 & 11
T-23-S, R-36-E

Lea County, New Mexico

DIVIDER PAGE

East C

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DIVIDER PAGE

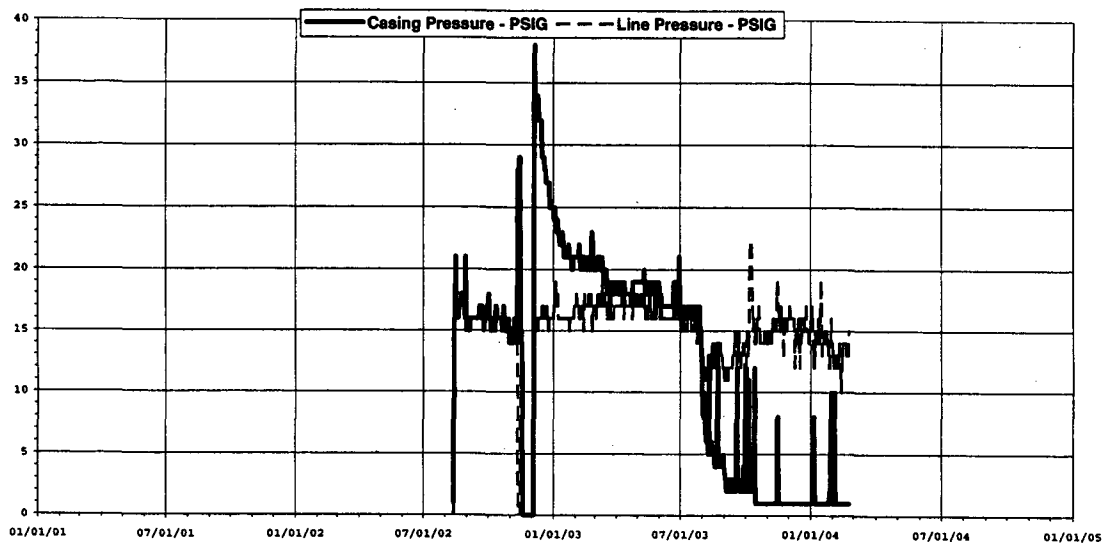
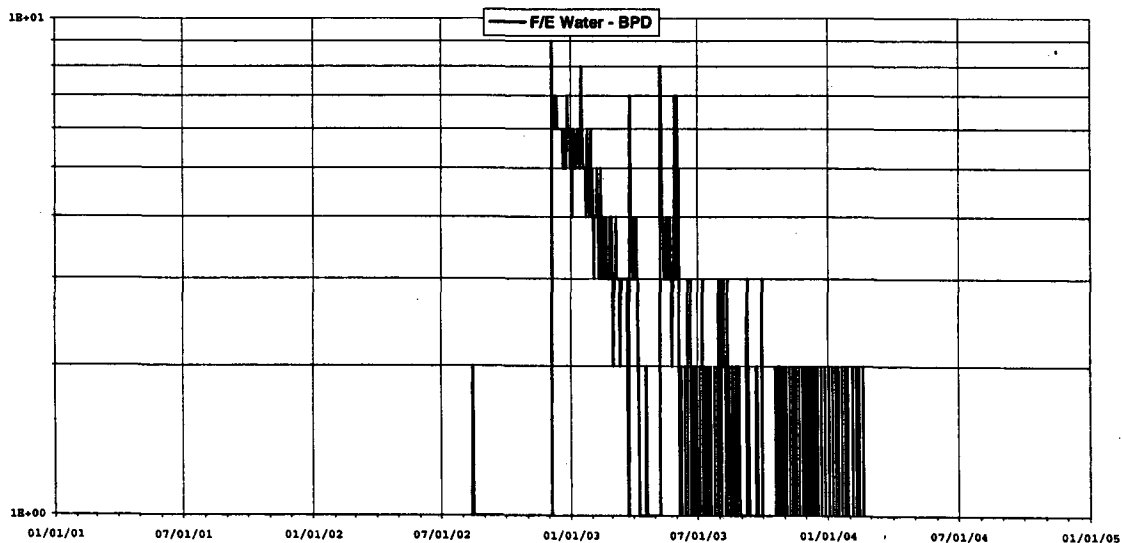
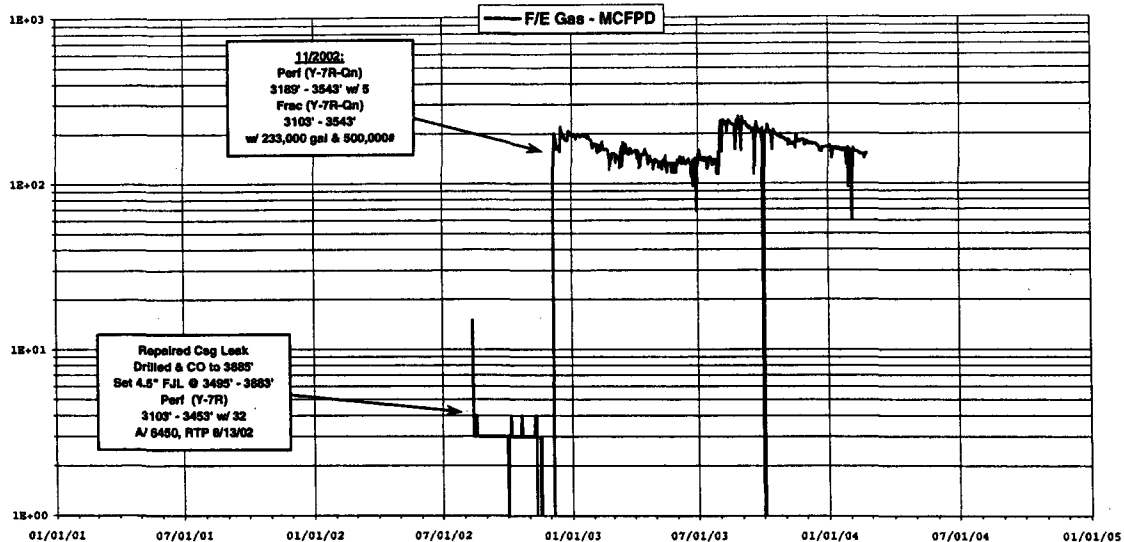


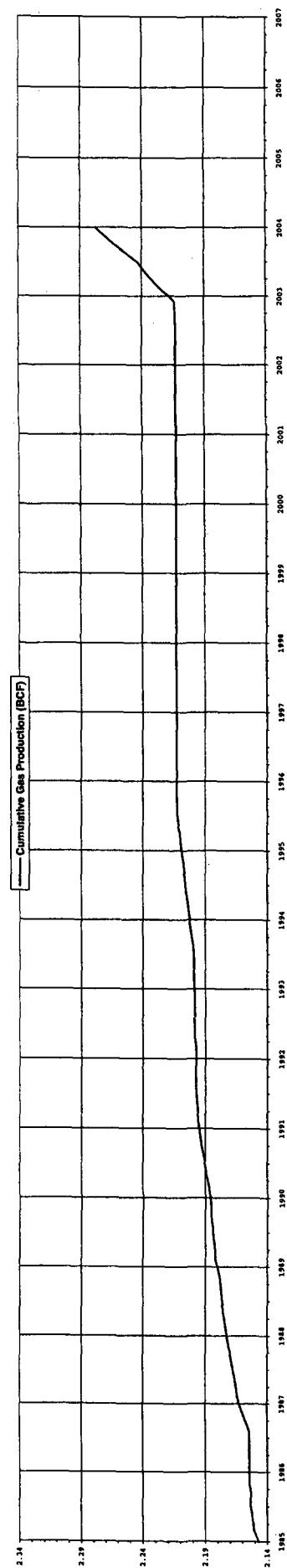
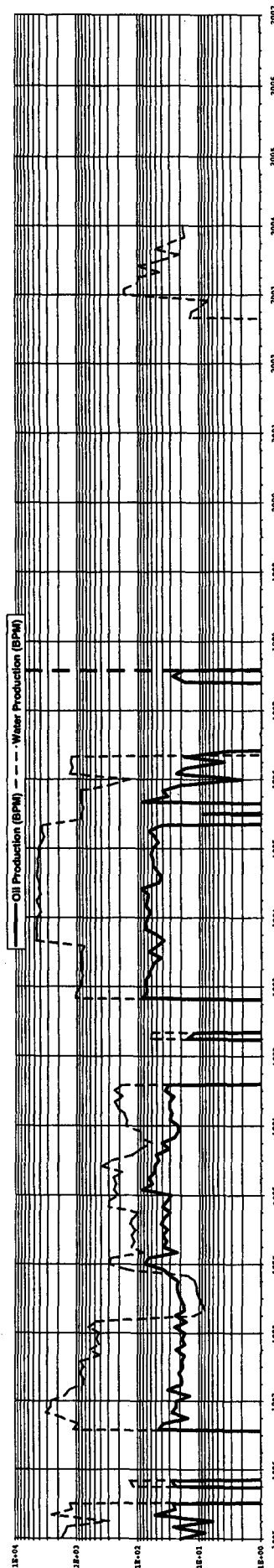
Figure 1 is a line graph titled "Gas Production (MCF/PM)" showing production data from 1985 to 2007. The Y-axis represents Gas Production in MCF/PM, ranging from 0 to 1500. The X-axis represents years from 1985 to 2007. The graph displays two data series: "1985-1986" (solid line) and "1987-1990" (dashed line). The 1985-1986 series shows a sharp peak in 1985, followed by a decline and then a steady increase starting around 1990. The 1987-1990 series shows a sharp peak in 1987, followed by a decline and then a steady increase starting around 1990. The graph also includes a "TAV 0707-0800" label and a "Langdon Matrix" label.

1985-1986
 Prod Co. 2000 - 2000
 2000 2000 & 2000
 2000
 Prod Co. 2000 - 2000
 2000 2000 & 2000
 At 2000, 2000 2000 & 2000

1987-1990
 Prod Co. 2000 - 2000
 2000 2000 & 2000
 2000
 Prod Co. 2000 - 2000
 2000 2000 & 2000
 At 2000, 2000 2000 & 2000

TAV 0707-0800

Langdon Matrix



12/03: 2.278 BCF 38.5 MBO

DIVIDER PAGE

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994

Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Doyle Hartman 500 N. Main St. Midland, TX 79701 (432) 684-4011		² OGRID Number 6473
		³ Reason for Filing Code RC
⁴ API Number 30-025-09228	⁵ Pool Name Jalmat / Langlie Mattix	⁶ Pool Code 79240 / 37240
⁷ Property Code 20832	⁸ Property Name Mexico "E" Com	⁹ Well Number 5 *

II. ¹⁰ Surface Location

UI or lot no. O	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660	North/South Line South	Feet from the 1980	East/West line East	County Lea
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code P/F	¹⁴ Gas Connection Date 08/13/2002	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 020809	¹⁹ Transporter Name and Address Sid Richardson 201 Main Street Ft. Worth, TX 76102	²⁰ POD	²¹ O/G G	²² POD ULSTR Location and Description O-2-23S-36E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description O-2-23S-36E
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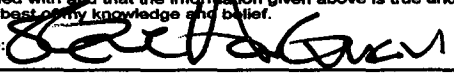
V. Well Completion Data

²⁵ Date Re-spudded 05/15/2002	²⁶ Ready Date 08/13/2002	²⁷ TD 3885'	²⁸ PBTD 3875'	²⁹ Perforations 3103' - 3543' w/ 37	³⁰ DHC, DC, MC 5.012" & 4.000"
³¹ Hole Size 11"	³² Casing & Tubing Size 8 5/8", 32 #/ft	³³ Depth Set 300'	³⁴ Sacks Cement 300 sx (Circ.)		
7 7/8"	5 1/2", 14 #/ft	3753'	250 sx + 900 sx + 1800 sx (Circ.)		
4 3/4"	4 1/2", 11.6 #/ft FJL	3495' - 3883'	sqz'd w/ 1200 sx		
	2 3/8", 4.7 #/ft, J-55, EUE Tbg	3712'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 08/13/2002	³⁷ Test Date 12/04/2002	³⁸ Test Length 24 Hrs.	³⁹ Tbg. Pressure —	⁴⁰ Csg. Pressure 28 psig
⁴¹ Choke Size 0.625" O.P.	⁴² Oil —	⁴³ Water 9	⁴⁴ Gas 270 MCF	⁴⁵ AOF —	⁴⁶ Test Method Orifice Plate

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: Steve Hartman

Title: Engineer

Date: 03/22/2004

Phone: (432) 684-4011

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

* Formerly Hobbs "L" No. 2

DIVIDER PAGE

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.	30-025-09228
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-3776

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Mexico "E" Com (Formerly Hobbs "L" No. 2)	
b. Type of Completion: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 5	
2. Name of Operator Doyle Hartman		9. Pool name or Wildcat Jalmat / Langlie Mattix	
3. Address of Operator 500 N. Main St., Midland, TX 79701, (432) 684-4011			
4. Well Location Unit Letter <u>O</u> : <u>660'</u> Feet From The <u>South</u> Line and <u>1980'</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>23S</u> Range <u>36E</u> NMPM Lea County			
10. Date Re-spudded 05/15/2002	11. Date T.D. Reached 07/30/2002	12. Date Compl. (Ready to Prod.) 08/13/2002	13. Elevations (DF & RKB, RT, GR, etc.) 3450' RKB
14. Elev. Casinghead 3438'			
15. Total Depth 3885'	16. Plug Back T.D. 3875'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0' - 3885'
19. Producing Interval(s), of this completion - Top, Bottom, Name 3103' - 3543' (Y-7R)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run SAS-CNL-GR-CCL log and VDCBL-GR-CCL log			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32 #/ft	300'	11"	300 sx	Circ.
5 1/2"	14 #/ft	3753'	7 7/8"	250 sx + 900 sx + 1800 sx	Circ.

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 1/2" FJL	3495'	3883'	1200 sx		2 3/8"	3712'

26. Perforation record (interval, size, and number) 3103' - 3453' w/ (32) 0.45" x 23" Holes 3189' - 3543' w/ (5) 0.38" x 17" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3103' - 3543'	A/ 6450 Gal. 15% MCA
	3103' - 3543'	SWF/ 233,000 Gal. & 500,000#

PRODUCTION

28. Date First Production 08/13/2002		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing / Pumping (7.5 x 64 x 1 1/4)			Well Status (Prod. or Shut-in) Producing	
Date of Test 12/04/2002	Hours Tested 24 Hrs	Choke Size 0.625" O.P.	Prod'n For Test Period	Oil - BbL. ---	Gas - MCF 270	Water - BbL. 9
Flow Tubing Press. ---	Casing Pressure 28 psig	Calculated 24-Hour Rate	Oil - BbL. ---	Gas - MCF 270	Water - BbL. 9	Oil Gravity - API - (Corr.) ---
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented					Test Witnessed By Ronnie Pryor	

30. List Attachments
SAS-CNL-GR-CCL log and VDCBL-GR-CCL log

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



Printed Name Steve Hartman

Title Engineer

Date 03/22/2004

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 specific 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2835'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3006'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3228'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3577'	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. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 to
No. 2, from to
No. 3, 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

From	To	Thickness in Feet	Lithology

DIVIDER PAGE

District I
1623 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Bravero Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Doyle Hartman Address 500 N. Main St., Midland, TX. 79701
Mexico "E" Corn 5 * O-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20832 API No. 30-025-09228 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmat (T-Y-7R)		Langlie Mattix (7R-Qn)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3103' - 3468' (34 Holes)		3509' - 3543' (3 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')		11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.464 MMBTU/MCF		1.464 MMBTU/MCF
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	02/24/2004: Gas: 140.6 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 12.4 MCFPD Oil: 0 BPD Water: 0 BPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0.0 % 91.9 %	Oil Gas % %	Oil Gas 0.0 % 8.1 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐
NMOCD Reference Case No. applicable to this well: N/A

Attachments:

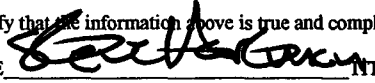
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling. Subsurface X-Section Documenting Overall Gas Productive Interval

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Engineer DATE 03/22/2004

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. (432) 684-4011

E-MAIL ADDRESS dhoo-sh@swbell.net

* Formerly Hobbs "L" No. 2

DIVIDER PAGE

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20832	Property Name Mexico "E" Com	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

Surface Location

UL or lot no. O	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line East	County Lea
--------------------	--------------	-----------------	--------------	---------	-----------------------	---------------------------	------------------------	------------------------	---------------

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	County
Dedicated Acres 160	Joint or Infill Y	Consolidation Code C	Order No. NMOCD Order No. R-424, Approved 04/16/1954						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	Existing Jalmat (Gas) Proration Unit S/2 S/2 Section 2, T-23-S, R-36-E Order No. R-424, 04/16/1954 (160 Acres)	17	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 3 (Hobbs "K" No. 2) 660' FSL & 660' FWL (M) Section 2, T-23-S, R-36-E	TA'd Jalmat (Gas) Well Mexico "E" Com No. 1 660' FSL & 1320' FEL (O) Section 2, T-23-S, R-36-E			
Existing Jalmat/LM (Gas) Well Mexico "E" Com No. 2 660' FSL & 1980' FWL (N) Section 2, T-23-S, R-36-E	Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (O) Section 2, T-23-S, R-36-E	Infill Jalmat (Gas) Well Mexico "E" Com No. 4 (Hobbs "L" No. 1) 660' FSL & 660' FEL (P) Section 2, T-23-S, R-36-E	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
	11-23S-36E			

* Formerly Hobbs "L" No. 2

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20832	Property Name Mexico "E" Corn	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

„Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	2	23S	36E		660'	South	1980'	East	Lea

„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	County
¹² Dedicated Acres 160	¹³ Joint or Infill N	¹⁴ Consolidation Code		¹⁵ Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

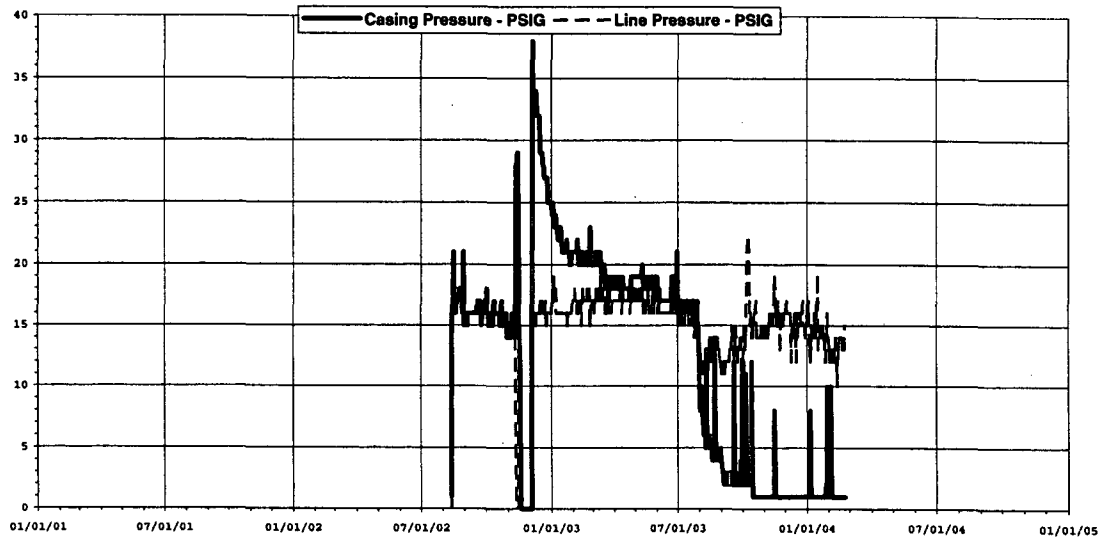
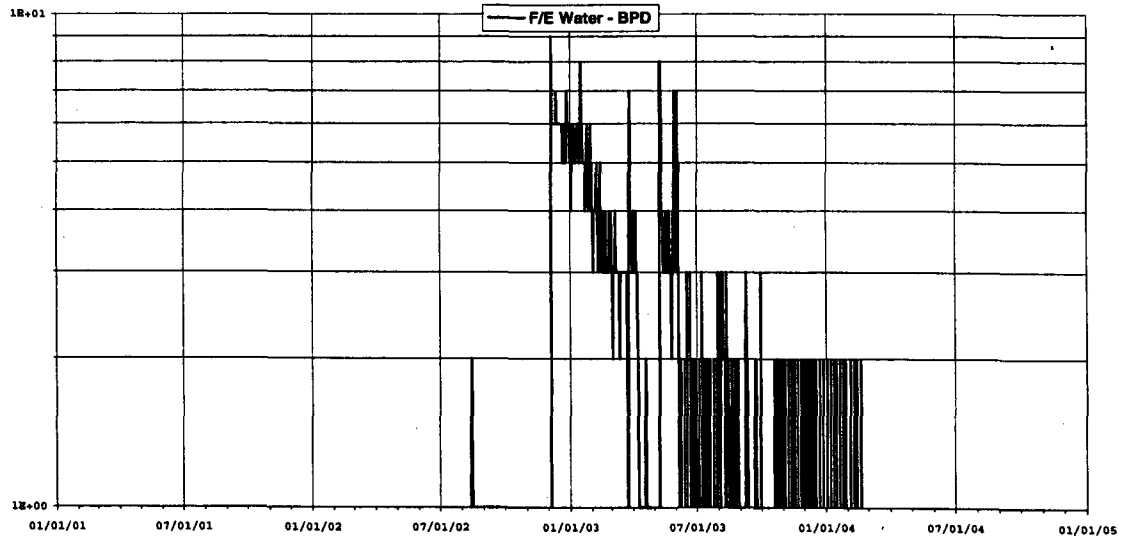
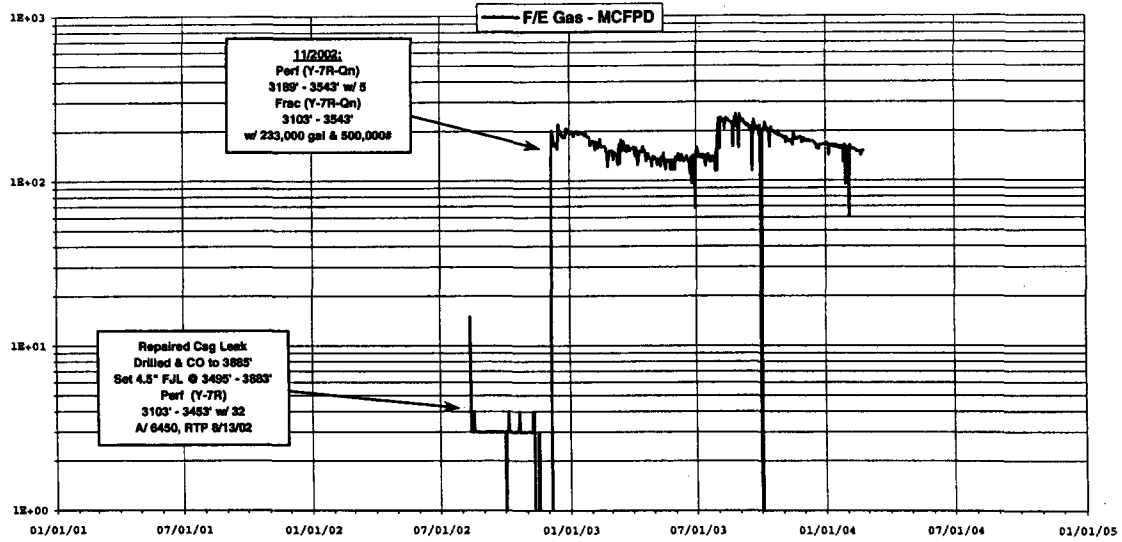
16	02-23S-36E	17. OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature _____ Steve Hartman _____ Printed Name _____ Engineer _____ Title _____ 03/22/2004 _____ Date _____
	5	18. SURVEYOR CERTIFICATION <i>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.</i> Date of Survey _____ Signature and Seal of Professional Surveyor: _____
	Infill Jalmat/LM (Gas) Well Mexico "E" Corn No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (D) Section 2, T-23-S, R-36-E 11-23S-36E	Certificate Number _____

*** Formerly Hobbs "L" No. 2**

DIVIDER PAGE

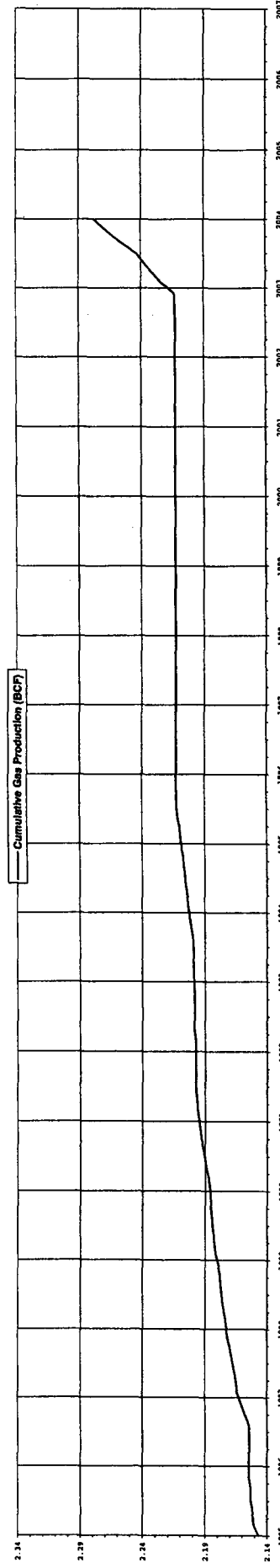
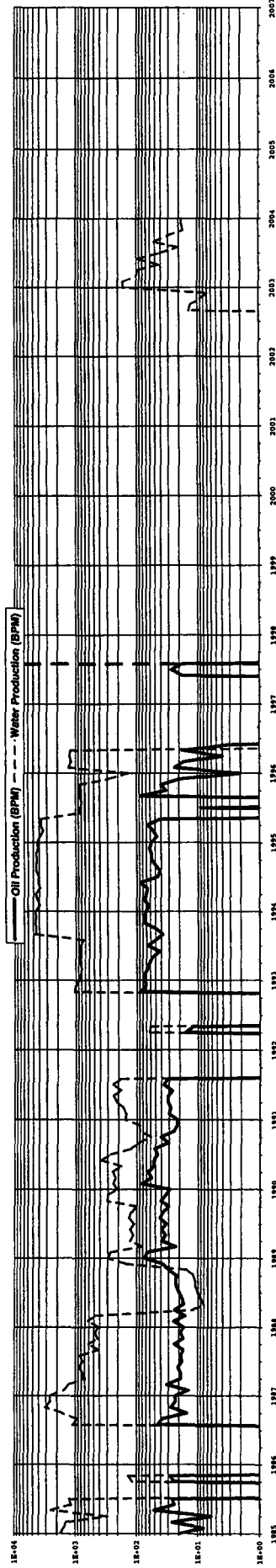
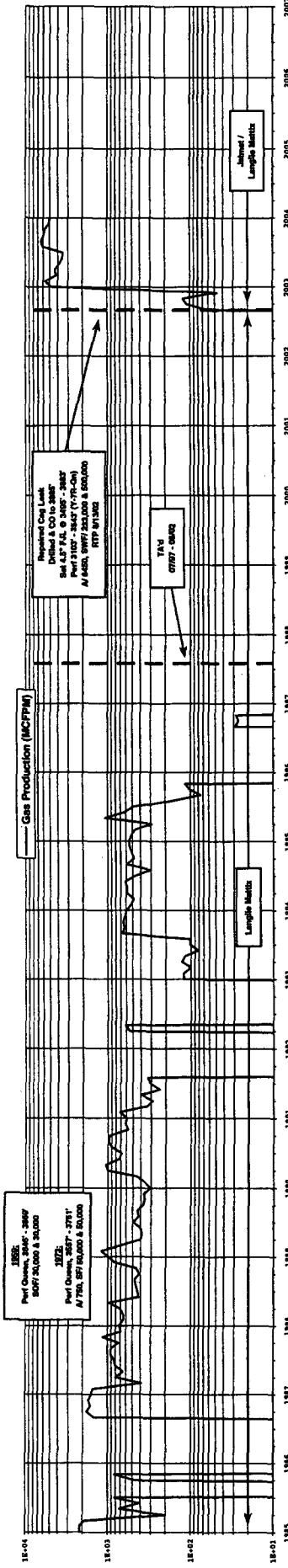
Hobbs L #2 (Mexico E Com #5)
Jalmat / Langlie Mattix
O-2-23S-36E
Doyle Hartman

VV - 0205



02/24/04: 2.286 BCF 38.5 MBO

Hobbs L #2 (Mexico E Com #5)
 Jaimet / Lagle Matiz
 O-03-235-366
 Doyle Hartman



1203: 2.278 BCF 38.5 MBO

DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 5 (Hobbs "L" No. 2)
Jalmat (3103' - 3468', 34 Holes) / Langlie Mattix (3509' - 3543', 3 Holes)
O-2-23S-36E
Doyle Hartman

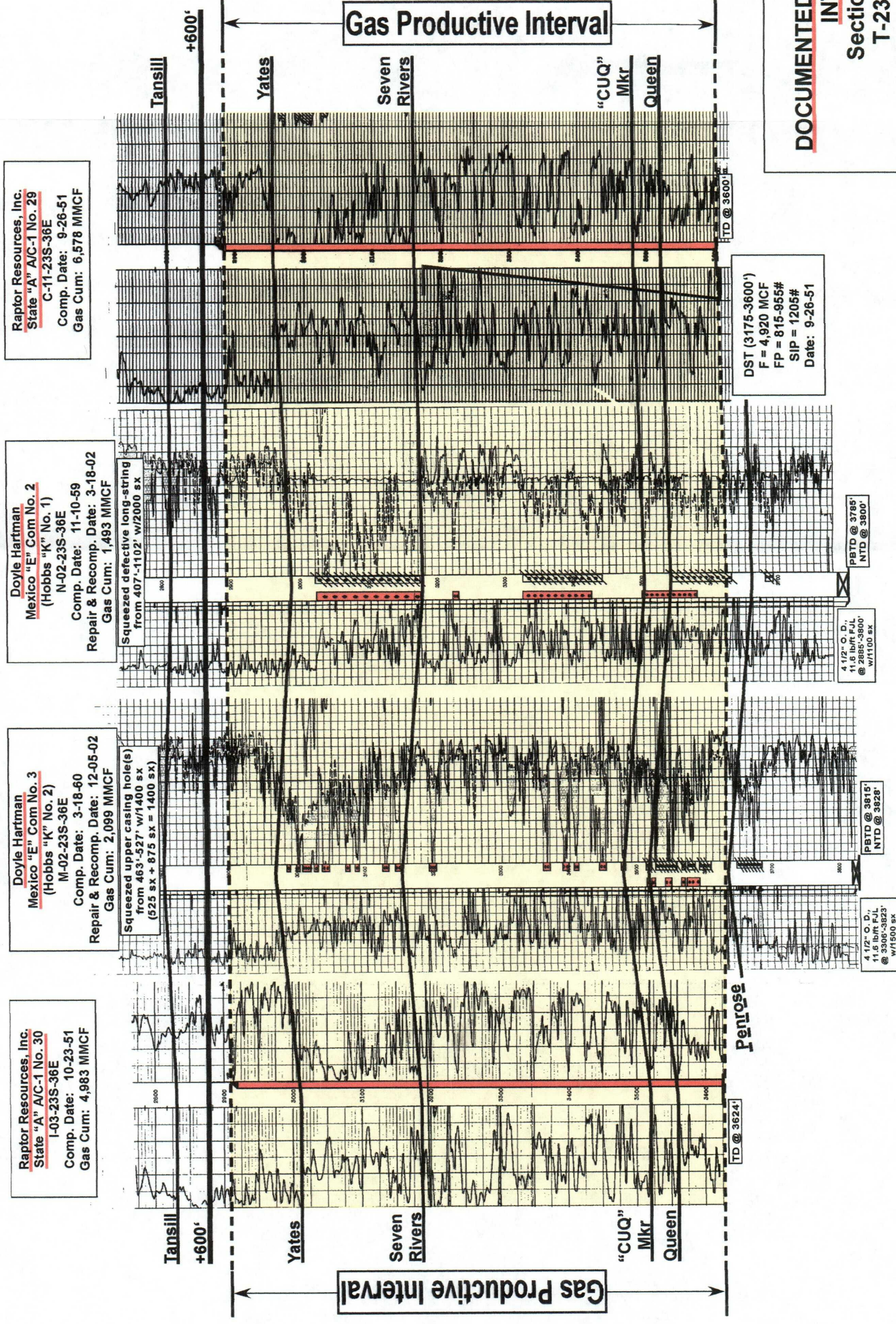
02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Perforations	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
153	4.1	37	140.6	91.9

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Perforations	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
153	4.1	37	12.4	8.1

DIVIDER PAGE



Structural Cross-Section



Sections 2, 3 & 11
T-23-S, R-36-E

Lea County, New Mexico

DIVIDER PAGE

East

Structural Cross-Section



DIVIDER PAGE

**Hard Copy
of
Amended C-115**

that is to be transmitted to OCD,

by E-mail

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

1	X	Amended Report
---	---	----------------

[illegible]

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Loretta Crawford
Printed Name & Title

Production Analyst 3/23/04
Date

432 684-4011
Phone Number

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, Aztec, NM 84710

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

Form C-115 First Page

Revised October 17, 1993

Instructions on Reverse Side

1 |X| Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473										4 12/03							
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																											6 Page 1 of 2							
																	INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
																	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME																	C			C					C							C		
Property No. and Name																	O			O	Barrels	Barrels			O	Point	Gas BTU	Oil			O	Oil		
Well No. & U-L-S-T-R																	D			D	of Oil	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on		
API No.																	E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
																	1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM		
37240 Langlie Mattix 7 Rvrs Qn Gryb																																		
020832 HOBBS L																																		
0002 0-2 -23S-36E																																		
30-025-09228																	P					1	397	31	G	2474030	1379		397	020809				
020833 HOBBS K																									W	2474050			1					
0002 M-2 -23S-36E																																		
30-025-09226																	P					803	2334	31	G	0000000	1334		2334	020809				
020834 MEXICO E																									W	2474050			803					
0002 N-2 -23S-36E																																		
30-025-09225																	P					275	704	31	G	0000000	1264		704	020809				
																									W	2490950			275					

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature

Printed Name & Title

Production Analyst

Date

Phone Number

432 684-4011

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 12/03				Page 2 of 2								
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER								
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME										C			C					C						C		
Property No. and Name										O			O	Barrels	Barrels					Gas BTU	Oil			O	Oil	
Well No. & U-L-S-T-R										D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on	
API No.										E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand	
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM	
79240 Jalmat Tansill Yates 7 Rvrs-G																										
020832 HOBBS L																										
001 P-2 -23S-36E																										
30-025-09227										P					45	2544	31	W	2474050			45				
																		G	2820931	1083		2544	020809			
002 O-2 -23S-36E																										
30-025-09228										P					17	4509	31	G	2474030	1379		4509	020809			
																		W	2474050		17					
020833 HOBBS K																										
002 M-2 -23S-36E																										
30-025-09226										P						4278	31	G	0000000	1334		4278	020809			
020834 MEXICO E																										
001 O-2 -23S-36E																										
30-025-09224										P					13	115	31	W	0000000			13				
																		G	2490930	1626		115	020809			
002 N-2 -23S-36E																										
30-025-09225										P						2728	31	G	0000000	1264		2728	020809			
															</											

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, Aztec, NM 84710

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side
1 | X | Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 11/03			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2			
										DISPOSITION OF OIL, GAS, AND WATER													
										PRODUCTION													
										INJECTION													

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

3 OGRID: 006473

16 Page 1 of 2

[illegible]

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Loretta Crawford
Printed Name & Title

Production Analyst 3/23/04
Date

432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR				3 OGRID: 006473				4 Month/Year 10/03				Page 2 of 2											
				INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER											
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
POOL NO. AND NAME				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
Property No. and Name				O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O				
Well No. & U-L-S-T-R				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D				
API No.				E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E				
				1	Volume	sure	2	Prod.	Prod.	Gas	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4				
79240 Jalmat Tansill Yates 7 Rvrs-G																							
020832 HOBBS L																							
001 P-2 -23S-36E				P					48	3167	31	W	2474050			48							
30-025-09227												G	2820931	1083		3167	020809						
002 0-2 -23S-36E				P					16	5281	31	G	2474030	1379		5281	020809						
30-025-09228												W	2474050			16							
020833 HOBBS K																							
002 M-2 -23S-36E																							
30-025-09226				P						4728	31	G	0000000	1334		4728	020809						
020834 MEXICO E																							
001 0-2 -23S-36E																							
30-025-09224				P					18	143	31	W	0000000			18							
N-2 -23S-36E												G	2490930	1608		143	020809						
30-025-09225				P						2826	31	G	0000000	1264		2826	020809						

Revised October 17, 1993

Instructions on Reverse Side

1 |X| Amended Report

[illegible]

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432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 9/03				Page 2 of 2									
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
Property No. and Name										0			0	Barrels	Barrels				0	Point	Gas	BTU	Oil		0	Oil	
Well No. & U-L-S-T-R										D			D	of Oil	of	MCF	Days	D	of		or Oil	on	Volume	Trans-	D	on	
API No.										E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
										1	Volume	sure	2	Prod.	Prod.	Prod.	used	3	sition	Gravity	BOM	MCF	OGRID	4	EOM		
79240 Jalmat Tansill Yates 7 Rvrs-G																											
020832 HOBBS L																											
001 P-2 -23S-36E										P					68	2991	30	W	2474050			68					
30-025-09227																		G	2820931	1425		2991	020809				
002 0-2 -23S-36E										P					28	5463	30	G	2474030	1299		5463	020809				
30-025-09228																		W	2474050			28					
020833 HOBBS K																											
002 M-2 -23S-36E																											
30-025-09226										P						4603	30	G	0000000	1334		4603	020809				
020834 MEXICO E																											
001 0-2 -23S-36E																											
30-025-09224										P					21	162	30	W	0000000			21					
002 N-2 -23S-36E																		G	2490930	1339		162	020809				
30-025-09225										P						2632	30	G	0000000	1350		2632	020809				

1 | X | Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																3 OGRID: 006473																14 8/03																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-6011
	Printed Name & Title		Date	Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 8/03				Page 2 of 2								
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER								
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME										C			C						C						C	
Property No. and Name										O			O	Barrels	Barrels				O	Point	Gas BTU	Oil		O	Oil	
Well No. & U-L-S-T-R										D			D	of Oil//	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on	
API No.										E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand	
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM	
79240 Jalmat Tansill Yates 7 Rvrs-G																										
020832 HOBBS L																										
001 P-2 -23S-36E																										
30-025-09227										P					328		31	W	2474050			328				
002 0-2 -23S-36E																										
30-025-09228										P					47	5880	31	G	2474030	1298		5880	020809			
																		W	2474050			47				
020833 HOBBS K																										
002 M-2 -23S-36E																										
30-025-09226										P												4819	020809			
020834 MEXICO E																										
001 0-2 -23S-36E																										
30-025-09224										P					29	170	31	W	0000000			29				
																		G	2490930	1394		170	020809			
002 N-2 -23S-36E																										
30-025-09225										P						2906	31	G	0000000	1351		2906	020809			
																							</			

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Revised October 17, 1993

Instructions on Reverse Side

1 |X| Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 7/03																			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																														6 Page 1 of 2									
										INJECTION										PRODUCTION										DISPOSITION OF OIL, GAS, AND WATER									
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23														
POOL NO. AND NAME																																							
Property No. and Name																																							
Well No. & U-L-S-T-R																																							
API No.																																							
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM														
37240	Langlie Mattix 7 Rvrs Qn Gryb																																						
020832	HOBBS L																																						
002	0-2 -23S-36E																																						
	30-025-09228										P					2	324	31	G	2474030	1297		324	020809															
																			W	2474050			2																
020833	HOBBS K																																						
002	M-2 -23S-36E																																						
	30-025-09226										P					828	2412	31	G	0000000	1334		2412	020809															
																			W	2474050			828																
020834	MEXICO E																																						
002	N-2 -23S-36E																																						
	30-025-09225										P					227	505	31	G	0000000	1351		505	020809															
																			W	2490950			227																

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title	Date	Phone Number	

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 7/03				Page 2 of 2			
POOL NO. AND NAME Property No. and Name Well No. & U-L-S-T-R API No.				INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
				1	Volume	sure	2	Prod.	Prod.	Prod.	used	3	sition	Gravity	BOM	MCF	OGRID	4	EOM		
79240	Jalmat Tansill Yates 7 Rvrs-G																				
020832	HOBBS L																				
001	P-2 -23S-36E																				
	30-025-09227	P						17	893	31	W	2474050				17					
												G	2820931	1429		893	020809				
002	O-2 -23S-36E																				
	30-025-09228	P						19	3678	31	G	2474030	1297			3678	020809				
												W	2474050			19					
020833	HOBBS K																				
002	M-2 -23S-36E																				
	30-025-09226	P							4421	31	G	0000000	1334			4421	020809				
020834	MEXICO E																				
001	O-2 -23S-36E																				
	30-025-09224	P						11	113	31	W	0000000				11					
												G	2490930	1439		113	020809				
002	N-2 -23S-36E																				
	30-025-09225	P							1960	31	G	0000000	1351			1960	020809				

[illegible]

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title	Date	Phone Number	

			INJECTION					PRODUCTION					DISPOSITION OF OIL, GAS, AND WATER									
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
POOL NO. AND NAME			C			C						C						C				
Property No. and Name			O			O	Barrels	Barrels				O	Point	Gas BTU	Oil			O				
Well No. & U-L-S-T-R			D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on				
API No.			E		Pres-	E	Cond.	Water	Gas	Prod.	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand				
			1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM				
79240 Jalmat Tansill Yates 7 Rvrs-G																						
020832 HOBBS L																						
001	P-2 -23S-36E																					
	30-025-09227	P					12		305	30	W	2474050			12							
											G	2820931	1433		305	020809						
002	0-2 -23S-36E																					
	30-025-09228	P					38		3200	30	G	2474030	1298		3200	020809						
											W	2474050			38							
020833 HOBBS K																						
002	M-2 -23S-36E																					
	30-025-09226	P							4781	30	G	2474030	1248		4781	020809						
020834 MEXICO E																						
001	0-2 -23S-36E																					
	30-025-09224	P					9		55	30	W	0000000			9							
											G	2490930	1341		55	020809						
002	N-2 -23S-36E																					
	30-025-09225	P							1805	30	G	2490930	1218		1805	020809						
														</								

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-6011
Printed Name & Title			Date	Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 5/03				Page 2 of 2									
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME										C			C					C						C			
Property No. and Name										O			O	Barrels	Barrels				Point	Gas BTU	Oil		O	Oil			
Well No. & U-L-S-T-R										D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on		
API No.										E			Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand	
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EDM		
79240 Jalmat Tansill Yates 7 Rvrs-G																											
020832 HOBBS L																											
001 P-2 -23S-36E																											
30-025-09227										P					18	301	31	W	2474050			18					
																		G	2820931	1423		301	020809				
002 O-2 -23S-36E																											
30-025-09228										P					88	3271	31	G	2474030	1296		3271	020809				
																		W	2474050			88					
020833 HOBBS K																											
002 M-2 -23S-36E																											
30-025-09226										P							4822	31	G	2474030	1248		4822	020809			
020834 MEXICO E																											
001 O-2 -23S-36E																											
30-025-09224										P					8	51	31	W	0000000			8					
																		G	2490930	1469		51	020809				
002 N-2 -23S-36E																											
30-025-09225										P							1817	31	G	2490930	1218		1817	020809			

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Instructions on Reverse Side

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14 4103

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[illegible]

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title	Date	Phone Number	

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 4/03			Page 2 of 2									
			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER									
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
POOL NO. AND NAME			C			C					C						C	
Property No. and Name			O			O	Barrels	Barrels			O	Point	Gas BTU	Oil			O	Oil
Well No. & U-L-S-T-R			D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on
API No.			E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand
			1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM
79240	Jalmat Tansill Yates 7 Rvrs-G																	
020832	H08BS L																	
0001	P-2 -23s-36E																	
	30-025-09227	P						14	281	30	W	2474050			14			
											G	2820931	1432		281	020809		
0002	O-2 -23s-36E																	
	30-025-09228	P						40	3567	30	G	2474030	1298		3567	020809		
											W	2474050			40			
020833	H08BS K																	
0002	M-2 -23s-36E																	
	30-025-09226	P							3551	30	G	2474030	1237		3551	020809		
020834	MEXICO E																	
0001	O-2 -23s-36E																	
	30-025-09224	P						8	48	30	W	0000000			8			
											G	2490930	1444		48	020809		
0002	N-2 -23s-36E																	
	30-025-09225	P							1885	30	G	2490930	1218		1885	020809		

Revised October 17, 1993

Instructions on Reverse Side

1 [X] Amended Report

1

[illegible]

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Cinematheque

Loretta Crawford
Printed Name & Title

Production Analyst	3/23/04
Date	

432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 3/03				Page 2 of 2			
POOL NO., AND NAME Property No. and Name Well No. & U-L-S-T-R API No.			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER												
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
		C				C												C			
		O				O	Barrels					Point		Gas BTU	Oil			O			
		D				D	of Oil/			Days	D	of		or Oil	on	Volume	Trans-	D			
		E				E	Water			Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E			
		1	Volume	Isure	2	Prod.	Prod.			Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4			
79240	Jalmat Tansill Yates 7 Rvrs-G																				
020832	HOBBS L																				
001	P-2 -23S-36E																				
	30-025-09227	P						29	343	31	W	2474050				29	343	020809			
002	O-2 -23S-36E																				
	30-025-09228	P						87	4022	31	G	2474030	1298			4022	020809				
																87					
020833	HOBBS K																				
002	M-2 -23S-36E																				
	30-025-09226	P																			
									4512	31	G	2474030	1237			4512	020809				
020834	MEXICO E																				
001	O-2 -23S-36E																				
	30-025-09224	P						10	61	31	W	0000000				10					
002	N-2 -23S-36E																				
	30-025-09225	P																			
									2038	31	G	2490930	1218			2038	020809				

POOL NO. AND NAME				INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER							
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Property No. and Name	Well No. & U-L-S-T-R	API No.		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				O	D	E	Pres-	D of Oil/	Barrels	MCF	Days	Point	Gas BTU	Oil	on	Volume	Trans-	D	on
				E	Pres-	E	sure	Cond.	Water	Gas	Prod.	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand
				1	Volume	2	Prod.	2	Prod.	3	Prod.	3	sition	Gravity	BOM	MCF	OGRID	4	EOM
79240	Jalmat Tansill Yates 7 Rvrs-G																		
020832	HOBBS L																		
001	P-2 -23S-36E																		
	30-025-09227	P							35	353	28	W	2474050			35			
												G	2820931	1479		353	020809		
002	O-2 -23S-36E																		
	30-025-09228	P							94	3890	28	G	2474030	1298		3890	020809		
												W	2474050		94				
020833	HOBBS K																		
002	M-2 -23S-36E																		
	30-025-09226	P								4203	28	G	2474030	1237		4203	020809		
020834	MEXICO E																		
001	O-2 -23S-36E																		
	30-025-09224	P							9	66	28	W	0000000			9			
												G	2490930	1386		66	020809		
002	N-2 -23S-36E																		
	30-025-09225	P								1856	28	G	2490930	1218		1856	020809		

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
Printed Name & Title	Date			Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473				4 12/02																													
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																					6 Page 1 of 2																													
INJECTION																	PRODUCTION																	DISPOSITION OF OIL, GAS, AND WATER																
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23																																																		
C C																																																		

2 Operator: DOYLE HARTMAN OIL OPERATOR				3 OGRID: 006473				4 Month/Year 12/02				Page 2 of 2								
				INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER								
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME				C			C					C						C		
Property No. and Name				O			O	Barrels	Barrels			O	Point		Gas BTU	Oil		O	Oil	
Well No. & U-L-S-T-R				D			D	of Oil/	of	MCF	Days	D	of		or Oil	on	Volume	Trans-	D	on
API No.				E		Pres-	E	Cond.	Water	Gas	Prod.	E	Dispo-		API	Hand	(Bbls/	porter	E	Hand
				1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM	
79240	Jalmat Tansill Yates 7 Rvrs-G																			
1020832	HOBBS L																			
1002	0-2 -23S-36E																			
	30-025-09228	P							152	4383	27	G	0000000	1295			4383	020809		
												W	2474050				152			
1020833	HOBBS K																			
1002	M-2 -23S-36E																			
	30-025-09226	P								4968	31	G	2474030	1114			4968	020809		
1020834	MEXICO E																			
1001	0-2 -23S-36E																			
	30-025-09224	P							10	109	31	W	0000000				10			
												G	2490930	1439			109	020809		
1002	N-2 -23S-36E																			
	30-025-09225	P								2404	31	G	0000000	1218			2404	020809		

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, Aztec, NM 84710

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

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2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 11/02						
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2						
										DISPOSITION OF OIL, GAS, AND WATER																
										PRODUCTION																
										INJECTION																
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Property No. and Name										O	O	O	O	Barrels	Barrels	Days	Point	Gas	BTU	Oil	O	Oil	O	Oil		
Well No. & U-L-S-T-R										D	D	D	D	of Oil/	of	MCF	or Oil	on	Volume	Trans-	D	on	D	on		
API No.										E	E	Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand	
										1	Volume	sure	2	Prod.	Prod.	Prod.	used	3	sition	Gravity	BOM	MCF	OGRID	4	EDM	
37240 Langlie Mattix 7 Rvrs Qn Gryb																										
020832 HOBBS L																										
001 P-2 -23S-36E																										
30-025-09227										P					2126	202	30	W	2474050			2126				
																		G	2820931	1469		202	020809			
002 0-2 -23S-36E																										
30-025-09228										P					1	4	19	G	0000000	1295		4	020809			
																		W	2474050		1					
020833 HOBBS K																										
002 M-2 -23S-36E																										
30-025-09226										P					269	1179	23	G	2474030	1114		1179	020809			
																		W	2474050		269					
020834 MEXICO E																										
002 N-2 -23S-36E																										
30-025-09225										P					349	569	30	G	0000000	1218		569	020809			
																		W	2490950		349					

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature

Loretta Crawford
Printed Name & Title

Production Analyst
3/23/04
Date

432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 11/02				Page 2 of 2									
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME										C																	
Property No. and Name										0				0	Barrels	Barrels				Point	Gas BTU	Oil			0	Oil	
Well No. & U-L-S-T-R										D				D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on	
API No.										E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM		
79240 Jalmat Tansill Yates 7 Rvrs-G																											
020832 H08BS L																											
002 0-2 -23S-36E																											
30-025-09228										P					6	43	19	6	0000000	1295		43	020809				
																		W	2474050		6						
020833 H08BS K																											
002 M-2 -23S-36E																											
30-025-09226										P						2160	23	6	2474030	1114		2160	020809				
020834 MEXICO E																											
001 0-2 -23S-36E																											
30-025-09224										P					15	69	30	W	0000000			15					
																		G	2490930	1457		69	020809				
002 N-2 -23S-36E																											
30-025-09225										P						2208	30	G	0000000	1218		2208	020809				

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 10/02			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2			
										DISPOSITION OF OIL, GAS, AND WATER													
INJECTION										PRODUCTION													
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
POOL NO. AND NAME																							
Property No. and Name																							
Well No. & U-L-S-T-R																							
API No.																							
1	Volume	sure	2	Prod.	Prod.	Gas	Prod.	uced	3	sition	Gravity	BOM	MCF	4	EOM								
37240 Langlie Mattix 7 Rvrs Qn Gryb																							
020832 HOBBS L																							
001	P-2	-23S-36E									2893	4243	31	W	2474050	2893							
	30-025-09227												G	2820931	1481	4243	020809						
002	0-2	-23S-36E									1	10	31	G	0000000	1295	10	020809					
	30-025-09228												W	2474050		1							
020834 MEXICO E																							
002	N-2	-23S-36E									439	674	31	G	0000000	1218	674	020809					
	30-025-09225												W	2490950		439							
				</																			

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature

Loretta Crawford
Printed Name & Title

Production Analyst 3/23/04
Date

432 684-4011
Phone Number

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

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2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 9/02									
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2									
										PRODUCTION										DISPOSITION OF OIL, GAS, AND WATER									
INJECTION																													
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23																													
POOL NO. AND NAME																													
Property No. and Name																													
Well No. & U-L-S-T-R																													
API No.																													
1 Volume																													
37240 Langlie Mattix 7 Rvrs Qn Gryb																													
020832 HOBBS L																													
001 P-2 -23S-36E																													
30-025-09227																													
002 0-2 -23S-36E																													
30-025-09228																													
020834 MEXICO E																													
002 N-2 -23S-36E																													
30-025-09225																													

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title		Date	Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 9/02				Page 2 of 2								
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER								
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Property No. and Name										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Well No. & U-L-S-T-R										D	D	D	D	D	D	D	D	D	D	D	D	D	D	D		
API No.										E	Pres-	E	Cond.	Water	Gas	Prod.	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
										1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM	
79240 Jalmat Tansill Yates 7 Rvrs-G																										
020832 HOBBS L																										
002 0-2 -23S-36E																										
30-025-09228										P					12	100	30	G	0000000	1295		100	020809			
020834 MEXICO E																		W	2474050			12				
001 0-2 -23S-36E																										
30-025-09224										P					11	85	30	W	0000000			11				
002 N-2 -23S-36E																		G	2490930	1553		85	020809			
30-025-09225										P						2643	30	G	0000000	1218		2643	020809			

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 8/02							
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702										6 Page 1 of 2																	
										DISPOSITION OF OIL, GAS, AND WATER																	
										PRODUCTION																	
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME										C			C					C						C			
Property No. and Name										O			O	Barrels	Barrels			O	Point	Gas BTU	Oil		O	Oil			
Well No. & U-L-S-T-R										D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on		
API No.										E	Pres-	E	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
										1	Volume	sure	2	Prod.	Prod.			3	sition	Gravity	BOM	MCF)	OGRID	4	EOM		
37240 Langlie Mattix 7 Rvrs Qn Gryb																											
020832 HOBBS L																											
0001 P-2 -23S-36E																											
30-025-09227										P					2109	3084	31	W	2474050			2109					
																		G	2820931	1480		3084	020809				
0002 0-2 -23S-36E																											
30-025-09228										P					1	5	22	G	0000000	1218		5	020809				
																		W	2474050		1						
020834 MEXICO E																											
0002 N-2 -23S-36E																											
30-025-09225										P					645	663	31	G	0000000	1218		663	020809				
																		W	2490950		645						

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title		Date	Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR				3 OGRID: 006473				4 Month/Year 8/02				Page 2 of 2											
				INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER											
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
POOL NO. AND NAME				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
Property No. and Name				O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O				
Well No. & U-L-S-T-R				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D				
API No.				E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E				
				1	Volume	sure	2	Prod.	Prod.	Gas	Prod.	used	3	sition	Gravity	BOM	MCF	OGRID	4				
79240 Jalmat Tansill Yates 7 Rvrs-G																							
020832 HOBBS L																							
002 0-2 -23S-36E				P					13	57	22	6	0000000	1218			57	020809					
30-025-09228												W	2474050				13						
020834 MEXICO E																							
001 0-2 -23S-36E				P					13	97	31	W	0000000				13						
30-025-09224												G	2490930	1385			97	020809					
002 N-2 -23S-36E				P						2569	31	6	0000000	1218			2569	020809					
30-025-09225																							

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

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, Aztec, NM 84710

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side
1 | X | Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473					4 5/02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																	6 Page 1 of 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
POOL NO. AND NAME				INJECTION								DISPOSITION OF OIL, GAS, AND WATER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature

Loretta Crawford
Printed Name & Title

3/23/04
Date

432 684-4011
Phone Number

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, Aztec, NM 84710

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side
1 ☒ Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473																	4 3/02																
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																																		6 Page 1 of 1																
																	DISPOSITION OF OIL, GAS, AND WATER																																	
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																	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23																																	
POOL NO. AND NAME																	C C																																	

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature	Loretta Crawford	Production Analyst	3/23/04	432 684-4011
	Printed Name & Title		Date	Phone Number

Mexico "E" Com No. 5
(Hobbs "L" No. 2)

O-2-23S-36E

District I
1623 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Doyle Hartman Address 500 N. Main St., Midland, TX, 79701
Mexico "E" Com 5 * O-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20832 API No. 30-025-09228 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmit (T-Y-7R)		Langlie Mattix (7R-Qn)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3103' - 3468' (34 Holes)		3509' - 3543' (3 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')		11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.464 MMBTU/MCF		1.464 MMBTU/MCF
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	02/24/2004: Gas: 140.6 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 12.4 MCFPD Oil: 0 BPD Water: 0 BPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0.0 % 91.9 %	Oil Gas % %	Oil Gas 0.0 % 8.1 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐
NMOCD Reference Case No. applicable to this well: N/A

Attachments:

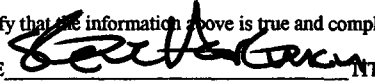
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling. Subsurface X-Section Documenting Overall Gas Productive Interval

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Engineer DATE 03/22/2004

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. (432) 684-4011

E-MAIL ADDRESS dhoo-sh@swbell.net

* Formerly Hobbs "L" No. 2

DIVIDER PAGE

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20832	Property Name Mexico "E" Com	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

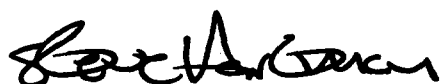
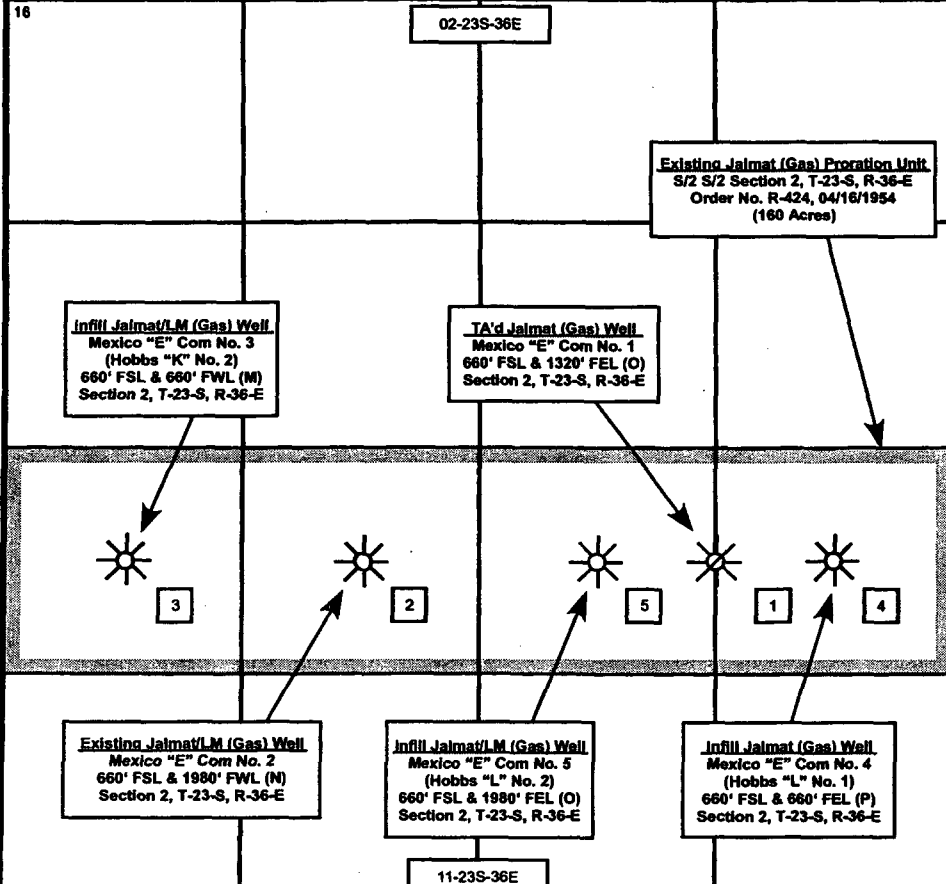
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	2	23S	36E		660'	South	1980'	East	Lea

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	County
Dedicated Acres 160	Joint or Infill Y	Consolidation Code C	Order No. NMOCD Order No. R-424, Approved 04/16/1954						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
	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	

* Formerly Hobbs "L" No. 2

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20832	Property Name Mexico "E" Com	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

Surface Location

UL or lot no. O	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line East	County Lea
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Bottom Hole Location If Different From Surface

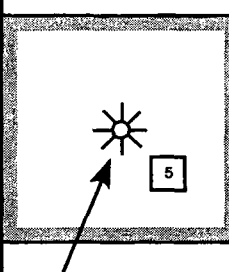
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

18	02-23S-36E									OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
										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

Infill Jalmat/LM (Gas) Well
Mexico "E" Com No. 5
(Hobbs "L" No. 2)
660' FSL & 1980' FEL (O)
Section 2, T-23-S, R-36-E

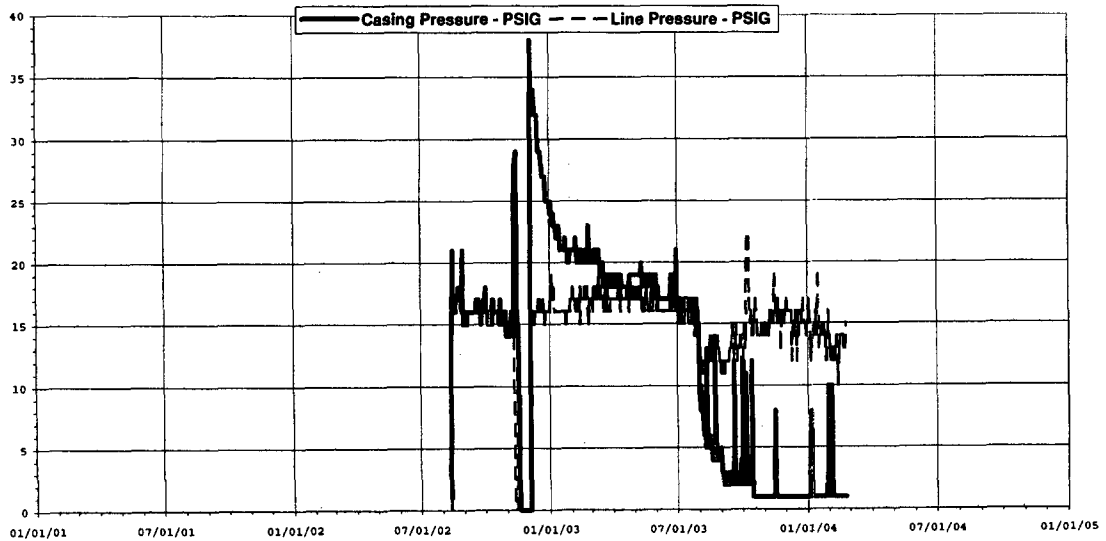
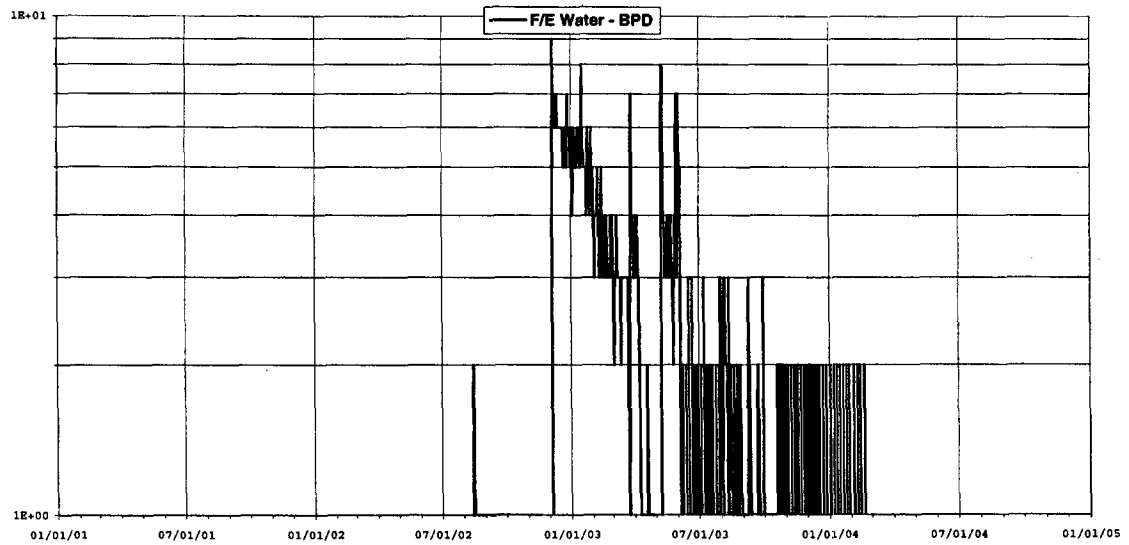
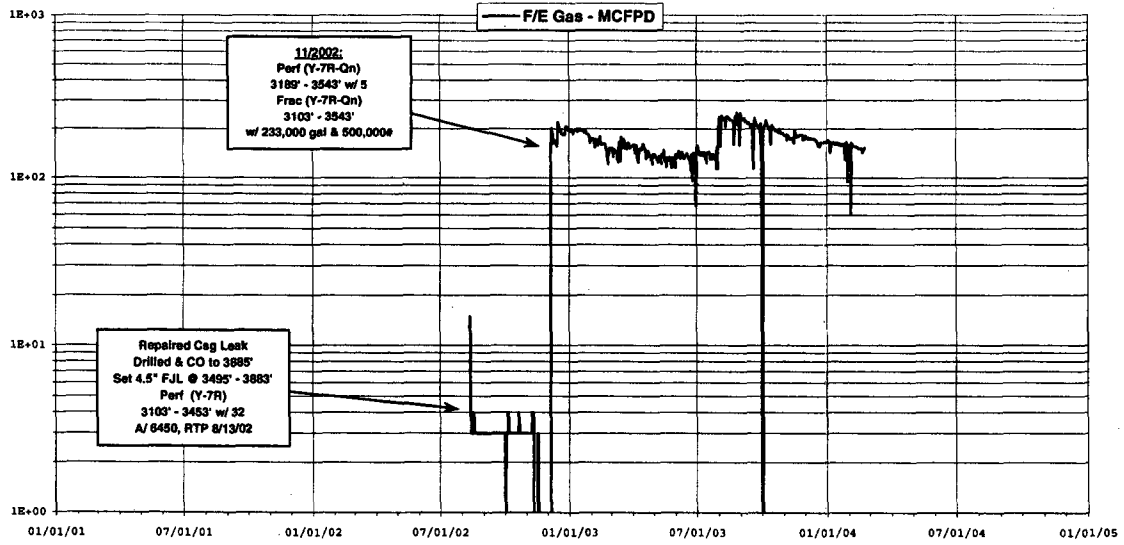
11-23S-36E



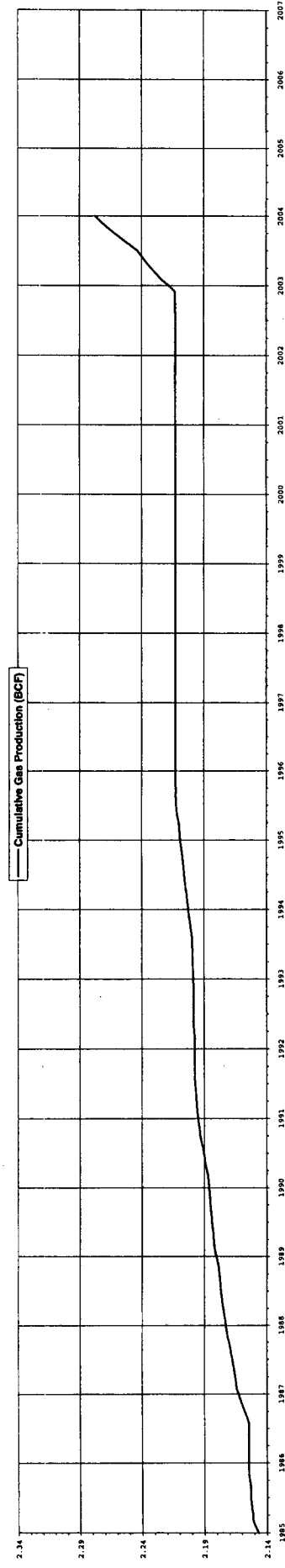
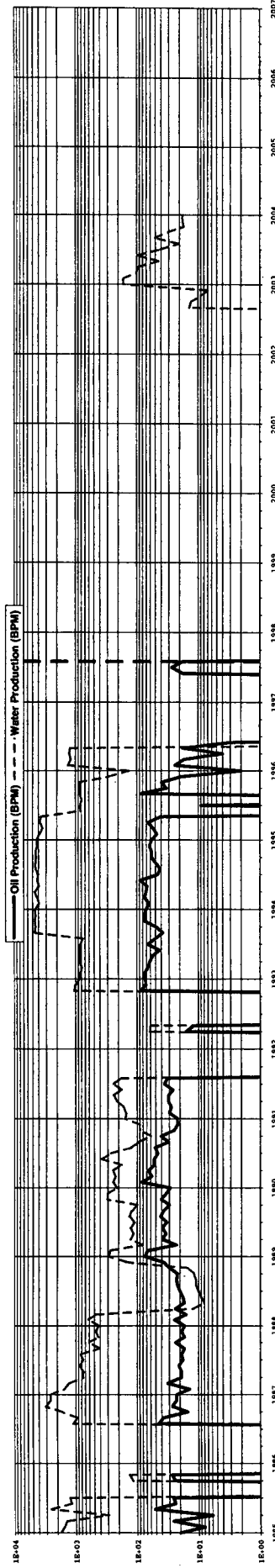
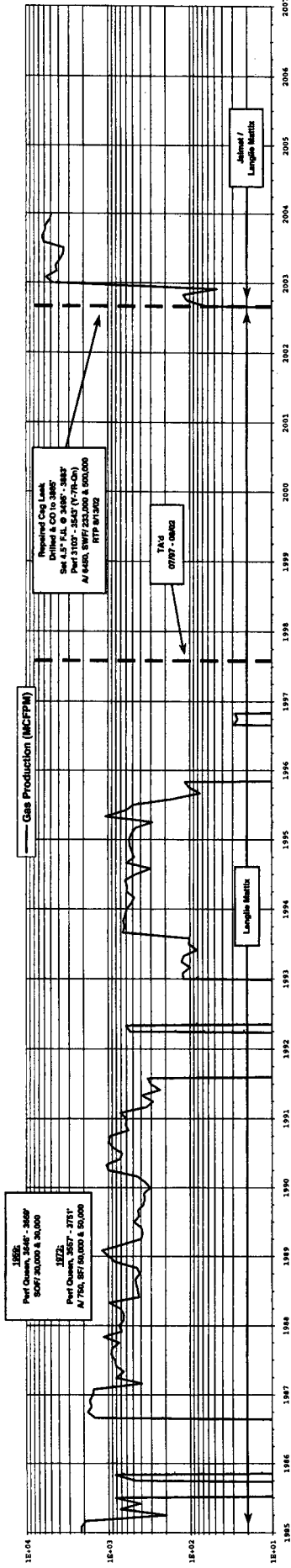
* Formerly Hobbs "L" No. 2

DIVIDER PAGE

Hobbs L #2 (Mexico E Com #5)
 Jalmat / Langlie Mattix
 O-2-23S-36E
 Doyle Hartman



Hobbs L #2 (Mexico E Com #5)
 Jaimal / Lagle Matix
 O-02-235-36E
 Doyle Hartman



DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 5 (Hobbs "L" No. 2)
Jalmat (3103' - 3468', 34 Holes) / Langlie Mattix (3509' - 3543', 3 Holes)
O-2-23S-36E
Doyle Hartman

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Perforations	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
153	4.1	37	140.6	91.9

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Perforations	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
153	4.1	37	12.4	8.1

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

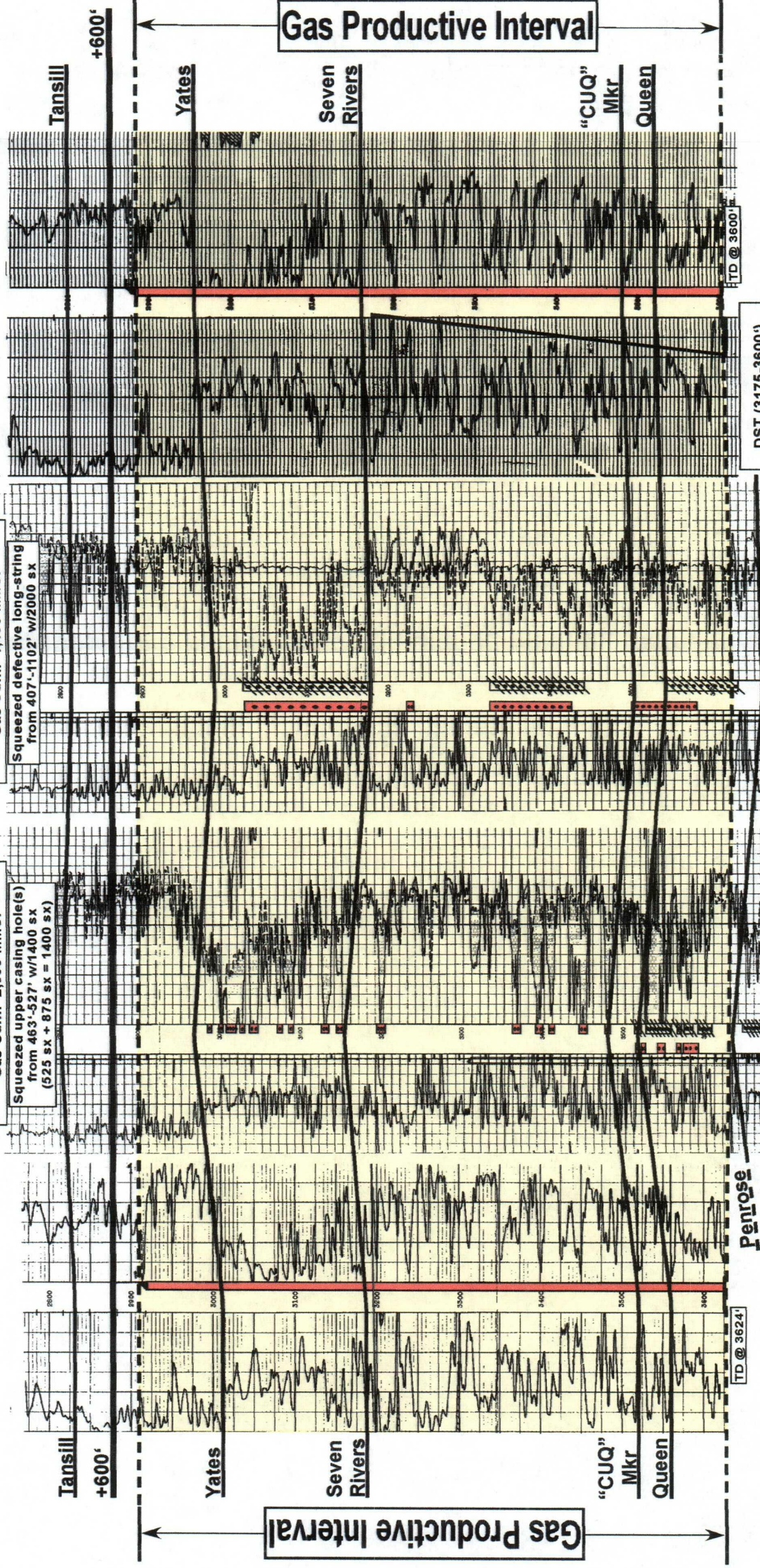
B'

Raptor Resources, Inc.
State "A" A/C-1 No. 30
I-03-23S-36E
Comp. Date: 10-23-51
Gas Cum: 4,983 MMCF

Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recomp. Date: 12-05-02
Gas Cum: 2,099 MMCF

Doyle Hartman
Mexico "E" Com No. 2
(Hobbs "K" No. 1)
N-02-23S-36E
Comp. Date: 11-10-59
Repair & Recomp. Date: 3-18-02
Gas Cum: 1,493 MMCF

Raptor Resources, Inc.
State "A" A/C-1 No. 29
C-11-23S-36E
Comp. Date: 9-26-51
Gas Cum: 6,578 MMCF



DST (3175-3600')
F = 4,920 MCF
FP = 815-955#
SIP = 1205#
Date: 9-26-51

4 1/2" O. D.,
11.8 lb/ft FUL
@ 2885'-3800'
w/1100 sx

4 1/2" O. D.,
11.6 lb/ft FUL
@ 3306'-3823'
w/1500 sx

PBTD @ 3815'
NTD @ 3828'

PBTD @ 3785'
NTD @ 3800'

DOCUMENTED GAS PRODUCTIVE INTERVAL

Sections 2, 3 & 11
T-23-S, R-36-E

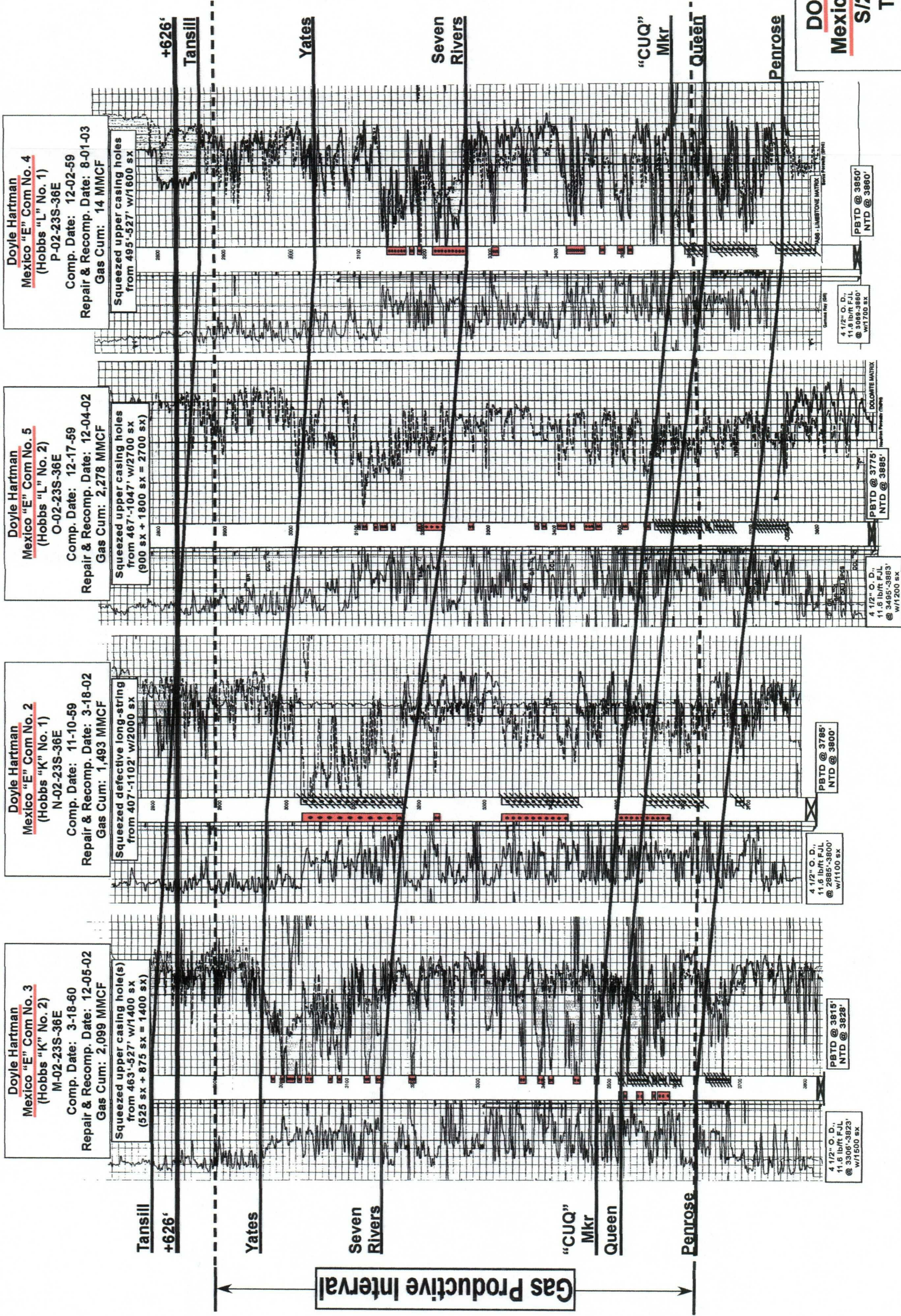
Lea County, New Mexico

DIVIDER PAGE

West
C

East
C

Structural Cross-Section



DOYLE HARTMAN
Mexico "E" Com Lease
S/2 S/2, Section 2
T-23-S, R-36-E
Lea County, New Mexico

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Bruezo Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Doyle Hartman 500 N. Main St., Midland, TX, 79701
Operator Address
Mexico "E" Com 5 * O-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20832 API No. 30-025-09228 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmit (T-Y-7R)		Langlie Mattix (7R-Qn)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3103' - 3468' (34 Holes)		3509' - 3543' (3 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')		11/19/2002: WHSIP = 31.25 psig All Zones (3103' - 3543')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.464 MMBTU/MCF		1.464 MMBTU/MCF
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	02/24/2004: Gas: 140.6 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 12.4 MCFPD Oil: 0 BPD Water: 0 BPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0.0 % 91.9 %	Oil Gas % %	Oil Gas 0.0 % 8.1 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐
NMOCD Reference Case No. applicable to this well: N/A

Attachments:

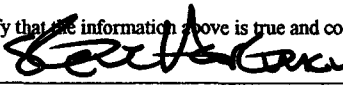
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling. Subsurface X-Section Documenting Overall Gas Productive Interval

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Engineer DATE 03/22/2004

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. (432) 684-4011

E-MAIL ADDRESS dhoo-sh@swbell.net

* Formerly Hobbs "L" No. 2

DIVIDER PAGE

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20832	Property Name Mexico "E" Com	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

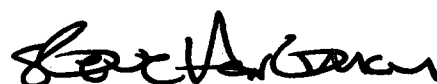
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	2	23S	36E		660'	South	1980'	East	Lea

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	County
Dedicated Acres 160	Joint or Infill Y	Consolidation Code C	Order No. NMOCD Order No. R-424, Approved 04/16/1954						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	Existing Jalmat (Gas) Proration Unit S/2 S/2 Section 2, T-23-S, R-36-E Order No. R-424, 04/16/1954 (160 Acres)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 3 (Hobbs "K" No. 2) 660' FSL & 660' FWL (M) Section 2, T-23-S, R-36-E	TA'd Jalmat (Gas) Well Mexico "E" Com No. 1 660' FSL & 1320' FEL (O) Section 2, T-23-S, R-36-E		
Existing Jalmat/LM (Gas) Well Mexico "E" Com No. 2 660' FSL & 1980' FWL (N) Section 2, T-23-S, R-36-E	Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (O) Section 2, T-23-S, R-36-E	Infill Jalmat (Gas) Well Mexico "E" Com No. 4 (Hobbs "L" No. 1) 660' FSL & 660' FEL (P) Section 2, T-23-S, R-36-E	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
	11-23S-36E		

* Formerly Hobbs "L" No. 2

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09228	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20832	Property Name Mexico "E" Corn	Well Number 5 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3450' RKB

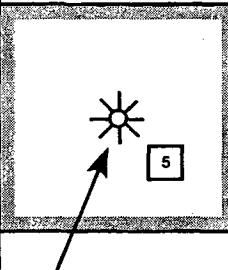
Surface Location

UL or lot no. O	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line East	County Lea
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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	County
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.						

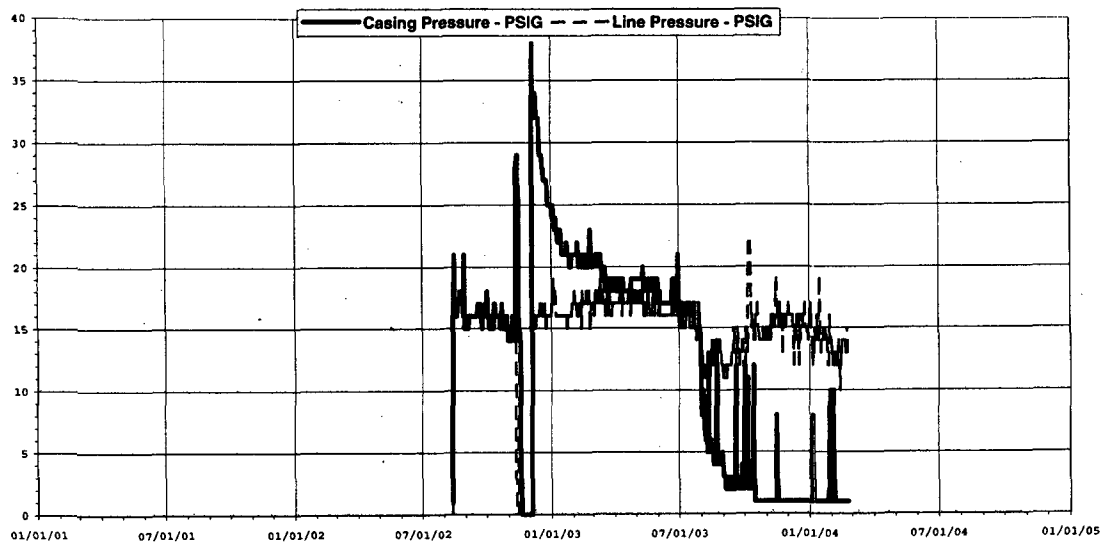
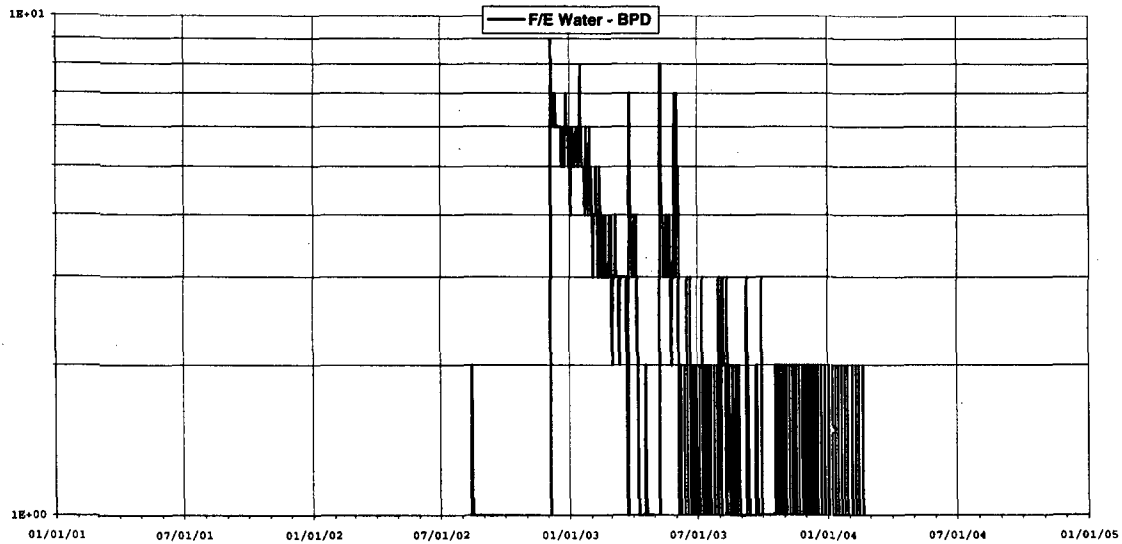
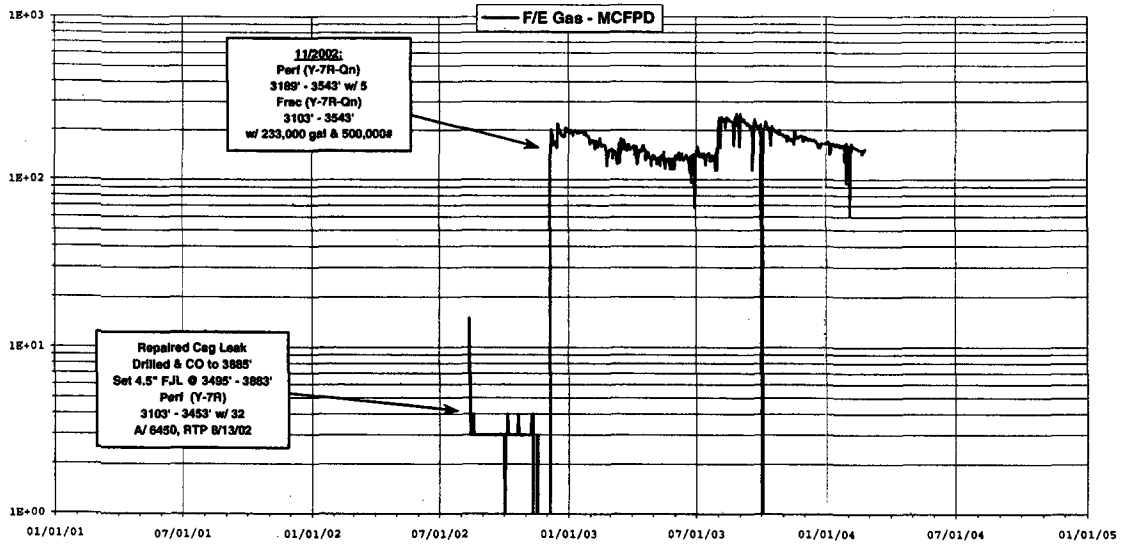
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
		18 SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number
	 Infill Jalmat/LM (Gas) Well Mexico "E" Corn No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (O) Section 2, T-23-S, R-36-E	
	11-23S-36E	

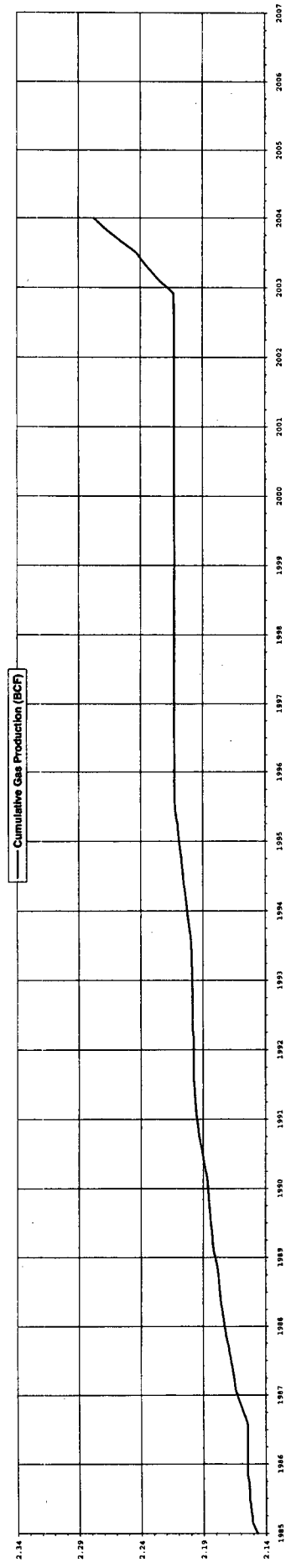
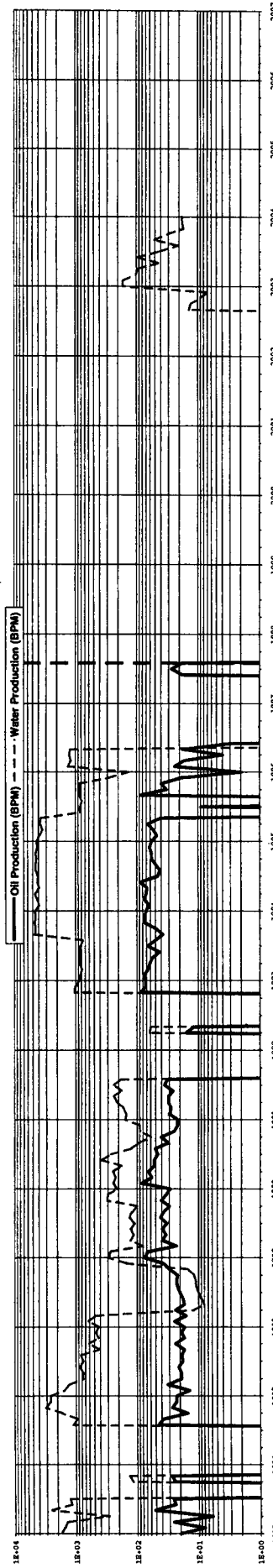
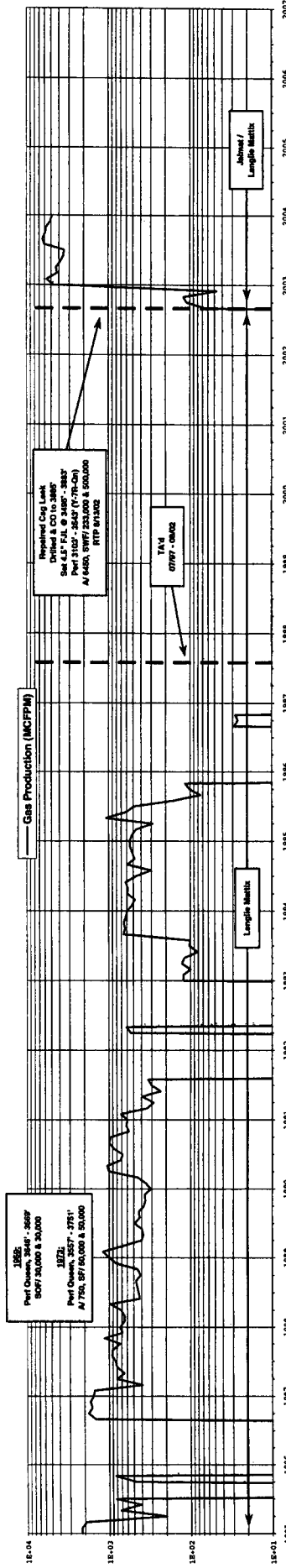
* Formerly Hobbs "L" No. 2

DIVIDER PAGE

Hobbs L #2 (Mexico E Com #5)
 Jalmat / Langlie Mattix
 O-2-23S-36E
 Doyle Hartman



Hubbs L #2 (Mexico E Com #5)
Jalmat / Lagile Matlix
O-02-23S-36E
Doyle Hartman



DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 5 (Hobbs "L" No. 2)
Jalmat (3103' - 3468', 34 Holes) / Langlie Mattix (3509' - 3543', 3 Holes)
O-2-23S-36E
Doyle Hartman

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	02/24/2004 Total Jalmat Perforations	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
153	4.1	34	140.6	91.9
02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	02/24/2004 Total Langlie Mattix Perforations	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
153	4.1	3	12.4	8.1

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

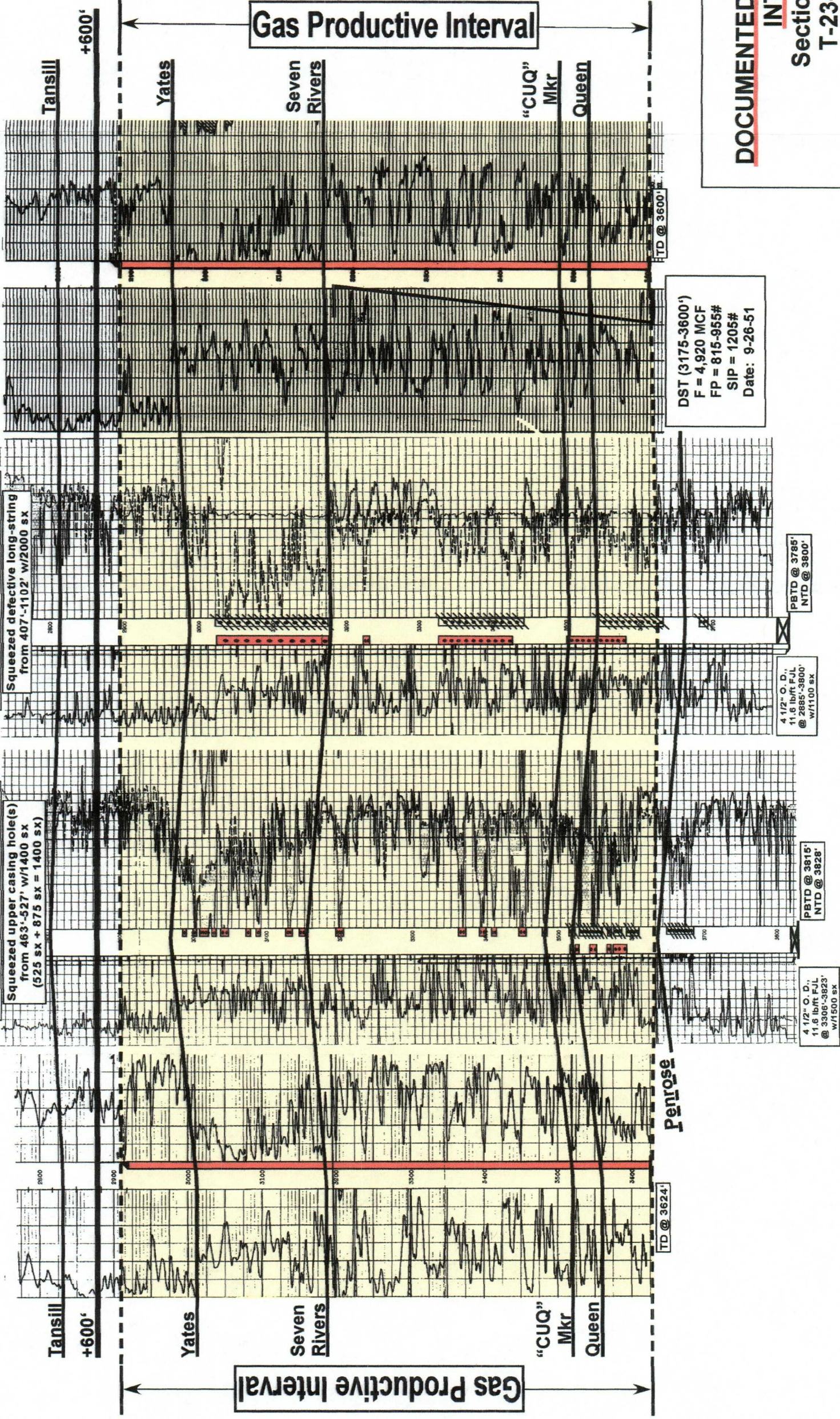
B'

Raptor Resources, Inc.
State "A" A/C-1 No. 30
I-03-23S-36E
Comp. Date: 10-23-51
Gas Cum: 4,983 MMCF

Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recomp. Date: 12-05-02
Gas Cum: 2,099 MMCF

Doyle Hartman
Mexico "E" Com No. 2
(Hobbs "K" No. 1)
N-02-23S-36E
Comp. Date: 11-10-59
Repair & Recomp. Date: 3-18-02
Gas Cum: 1,493 MMCF

Raptor Resources, Inc.
State "A" A/C-1 No. 29
C-11-23S-36E
Comp. Date: 9-26-51
Gas Cum: 6,578 MMCF



DST (3175-3600')
F = 4,920 MCF
FP = 815-955#
SIP = 1205#
Date: 9-26-51

PBTD @ 3785'
NTD @ 3800'

4 1/2" O. D.,
11.6 lb/ft F.U.L.
@ 2885'-3800'
w/1100 sx

PBTD @ 3815'
NTD @ 3828'

4 1/2" O. D.,
11.6 lb/ft F.U.L.
@ 3306'-3823'
w/1500 sx

DOCUMENTED GAS PRODUCTIVE INTERVAL

Sections 2, 3 & 11

T-23-S, R-36-E

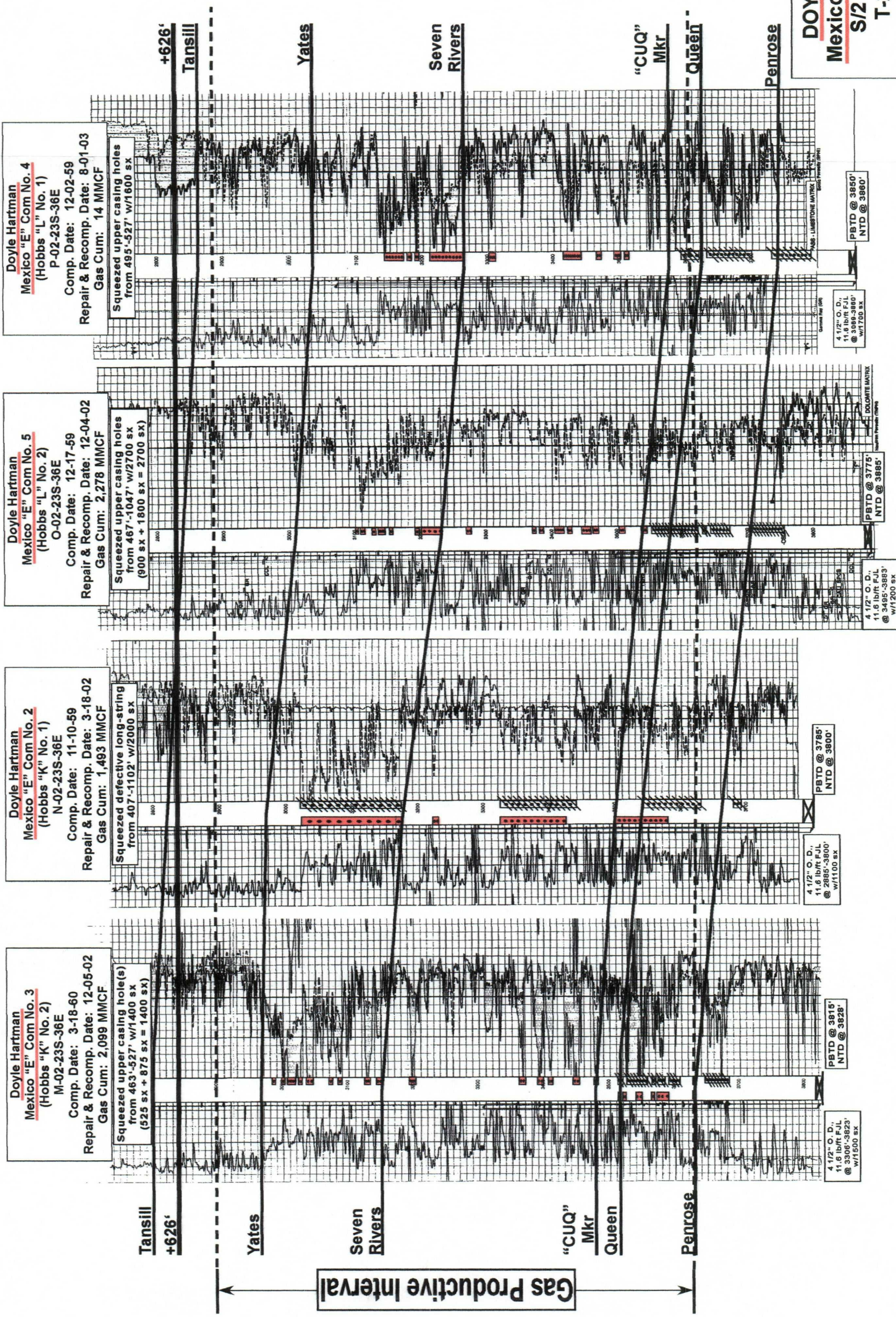
Lea County, New Mexico

DIVIDER PAGE

West
C

East
C

Structural Cross-Section



DOYLE HARTMAN
Mexico "E" Com Lease
S/2 S/2, Section 2
T-23-S, R-36-E
Lea County, New Mexico