

Mexico "E" Com No. 2
(Hobbs "K" No. 1)

N-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 30-025-09225	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20834	Property Name Mexico "E" Com	Well Number 2
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' RKB

Surface Location

UL or lot no. N	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line West	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 Y	Consolidation Code C	Order No. NMCD 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
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 (Gas) Proration Unit S/2 S/2 Section 2, T-23-S, R-36-E Order No. R-424, 04/16/1954 (160 Acres)
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
11-23S-36E		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 I
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Santa Fe, NM 87505

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Revised October 18, 1994
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09225		Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20834	Property Name Mexico "E" Com		Well Number 2
GRID No. 6473	Operator Name Doyle Hartman		Elevation 3457' RKB

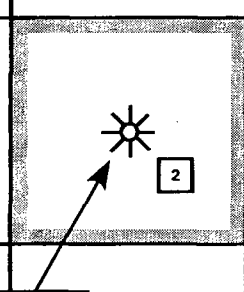
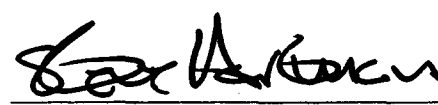
Surface Location

UL or lot no. N	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line West	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		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
			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
	11-23S-36E		

DIVIDER PAGE

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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.	30-025-09225
Indicate Type of Lease	STATE ☒ FEE ☐
State Oil & Gas Lease No.	B-1327
Lease Name or Unit Agreement Name	Mexico "E" Com
Well No.	2
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 N : 660' Feet From The South Line and 1980' Feet From The West Line Section 2 Township 23S Range 36E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3457' RKB	

11

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:

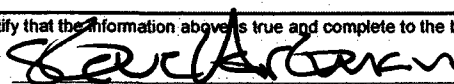
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
Casing & Cement Repair ☒
OTHER: Reperforate & Reacidize Y-7R-Qn ☒

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 8 thru 8 of 8 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 8
NMOCD Form C-103 dated March 22, 2004
Doyle Hartman
Mexico "E" Com No. 2
(Formerly Hobbs "K" No. 1)
N-2-23S-36E
API No. 30-025-09225

Details of Completed Wellbore Repair and Reserve Enhancement Operations

In a three-day period, between 1-15-02 and 1-18-02, gas production dropped from 8 MCFPD to 0 MCFPD, and water production substantially increased, from 2 BWPD to 120 BWPD. A produced-water sample taken on 1-19-02 indicated a total dissolved solids of 2303 ppm, as compared to a total dissolved solids of 10,385 ppm, for a produced-water sample taken 2-27-01. The Stiff water diagrams, for the two (2) water samples, were also significantly different, with the 1-19-02 sample being much fresher.

Moved in well service unit, on 2-1-02. Pulled rods and pump. Pulled 2 3/8" O.D. tubing.

Ran and set 5 1/2" Model "C" RBP at 2700'. Poured 3 sx of frac sand on top of 5 1/2" Model "C" RBP.

Tested 5 1/2" O.D. casing, from 1102' to 2700', to 650 psi, for 10 minutes. Pressure held okay. Tested 5 1/2" O.D. casing, from 0' to 407', to 550 psi, for 10 minutes. Pressure held okay.

Pumped into interval between 1072' and 1102', at a rate of 2 BPM, at 300 psi. Pressure tested 5 1/2" O.D. casing, from 0' to 705', to 550 psi (1.22 psi/ft). Lost 200 psi, in 4 minutes.

Removed BOP and tubinghead. Installed Halliburton 5 1/2" cementing head. Established injection down 5 1/2" casing, at a rate of 10 BPM, at 1760 psi.

Squeeze cemented defective portion of 5 1/2" O.D. long-string, above 1102', with **2650 cu. ft. (2000 sx)** of cement slurry, consisting of 200 sx of API Class "C" cement containing 3% CaCl₂, followed by 1300 sx of API Class "C" cement containing 3% CaCl₂, 5 lb/sx Gilsonite, and 0.5 lb/sx Flocele, followed by 500 sx of API Class "C" cement containing 3% CaCl₂. Mixed and pumped first 270 bbls of slurry at an average pump rate of 8 BPM, and average pump pressure of 1250 psi. Mixed and pumped final 200 bbls of slurry at an average pump rate of 4 BPM. Pump pressure increased from 920 psi to 1200 psi. Displaced cement with 5 bbls of water, in 5 stages. Pumped final 1-bbl stage at a rate of 0.25 BPM, at 1650 psi. 5-min SIP = 1495 psi.

Ran 183.4' bottom-hole drilling assembly. Tagged top of cement at 193'. Drilled hard cement from 193' to 487'. Circulated hole clean. Pulled 183.4' bottom-hole drilling assembly.

Added six (6) 3 1/2" O.D. drill collars. Ran 359.52' bottom-hole drilling assembly. Drilled hard cement to 1125', and junk cement from 1125' to 1204'. Fell out of cement at 1204'. Lowered drill string to 2685'. Circulated out 5' of sand. Pulled and laid down bottom-hole drilling assembly.

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NMOCD Form C-103 dated March 22, 2004
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Mexico "E" Com No. 2
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N-2-23S-36E
API No. 30-025-09225

Circulated frac sand off of 5 1/2" Model "C" RBP. Unloaded water from hole, to blowdown tank. Blew hole dry. Recovered 5 1/2" Model "C" RBP.

Ran 359.52' bottom-hole drilling and cleanout assembly to 3535'. Circulated hole clean and dry. Pulled and laid down bottom-hole drilling assembly.

Ran 2 3/8" O.D. production string. Landed bottom of 2 3/8" O.D. tubing at 3487' RKB (113 jts @ 30.63'/jt + 1.1'SN + 18'MA - 3'AGL + 10'KBC = 3487.3'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string. Started pumping well at 5:30 P.M., CST, 2-12-02. 17-hr SICP = 30 psi (2.5-hr SICP = 16 psig). Opened casing to sales line, at a rate of 3.5 MCFPD, on 2-13-02. Evaluated well performance for the next 18 days.

On 3-3-02, well tested at a rate of 4 MCFPD + 1 BWPD (indicating a successful casing repair, but no material increase in gas production). On 12-6-00, well tested 33 MCFPD + 0 BWPD. FCP = 14 psi. LP = 14 psig.

Moved in and rigged up well service unit, on 3-4-02. Pulled rods and pump. Pulled 2 3/8" O.D. tubing.

Ran 2 7/8" O.D., 6.5 lb/ft, N-80 work string and 355' bottom-hole drilling and cleanout assembly. Tagged CIBP at 3535' (no cement on top of 5 1/2" CIBP).

Drilled on 5 1/2" CIBP, for 5.5 hrs. Encountered a good show of gas, from below 3535', when 5 1/2" CIBP turned loose. Pushed remainder of 5 1/2" CIBP to 3549'. Circulated hole clean and dry. Shut down for night. 11.5-hr SICP = 63 psig (before drilling 5 1/2" CIBP, SICP = 30 psig).

Pushed 5 1/2" CIBP down hole. Cleaned out wellbore to 3690'. Drilled up remainder of 5 1/2" CIBP. Drilled float shoe, at 3690'. Drilled 4' of new hole, to 3694'. Circulated hole clean. Pulled bottom-hole drilling assembly.

Installed 4 3/4" button bit. Ran 353.97' bottom-hole drilling assembly. Drilled 4 3/4" hole to 3714'. Pulled bottom-hole drilling assembly.

Picked up six (6) additional drill collars. Ran 542.83' bottom-hole drilling assembly. Drilled 4 3/4" hole, from 3714' to 3800', in 7 hrs, with 11,000 lb bit weight, at 58 RPM. While drilling, accumulated an estimated 60 bbls of water, with a trace of oil, in blowdown tank. Circulated hole clean. Pulled bottom-hole drilling assembly.

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Mexico "E" Com No. 2
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N-2-23S-36E
API No. 30-025-09225

Rigged up Schlumberger. Logged well with SAS-CNL-GR-CCL log and VDCBL-GR-CCL log. Bond log indicated that cement had been pushed down to 1564', on outside of 5 1/2" O.D. long string, during 2000 sx casing-repair squeeze job.

Ran 542.83' bottom-hole drilling assembly. Pumped air. Unloaded water from hole, to blowdown tank. Recovered 84 bbls of water, with a trace of oil. Shut down for weekend.

Hooked up air unit. Unloaded water from wellbore, to blowdown tank. Blew hole dry. Pulled bottom-hole drilling assembly.

Ran and landed 4 1/2" O.D., 11.6 lb/ft, J-55, FJ liner, from 2885' to 3800'. Ran and set 5 1/2" Model "C" packer at 2778'. Established injection down 2 7/8" O.D. work string, with 35 bbls of 2% KCl water, at a rate of 12.6 BPM, at 1600 psi.

Squeeze cemented liner into place, with 1300 cu. ft. (1100 sx) of cement slurry, consisting of 850 sx of API Class "C" cement, followed by 100 sx of API Class "C" cement containing 2% CaCl₂, 3 lb/sx Gilsonite, and 0.25 lb/sx Flocele, followed by 150 sx of API Class "C" cement. Mixed and pumped first 850 sx of cement at an average rate of 12.0 BPM, at 3550 psi. Mixed and pumped the next 100 sx at 8.1 BPM, at an average pump pressure of 1350 psi. Mixed and pumped remaining 150 sx of cement at an average rate of 3.3 BPM. Displaced cement with 17 bbls of water, at 1.0 BPM. Final displacement pressure = 1730 psi. ISIP = 1550 psi. 1-hr SIP = 514 psi. Pulled and laid down 5 1/2" Model "C" packer.

Ran 188.06' bottom-hole drilling assembly consisting of 4 3/4" bit and (6) 3 1/2" O.D. drill collars. Tagged top of cement at 2791'. Drilled cement to 2885' (top of 4 1/2" O.D. liner). Pulled and laid down large-bore bottom-hole drilling assembly.

Ran 246.01' small-bore bottom-hole drilling assembly consisting of 3 7/8" blade bit and (8) 3 1/8" O.D. drill collars. Drilled hard cement from 2885' to 3786'. Circulated hole clean. Pulled small-bore bottom-hole drilling assembly.

Ran 3 7/8" blade bit, 4 1/2" casing scraper, and (8) 3 1/8" drill collars, to 3786'. Circulated hole with 75 bbls of clean 2% KCl water. Pulled and laid down 3 7/8" blade bit and 4 1/2" casing scraper.

Rigged up Schlumberger. Re-logged well with SAS-CNL-GR-CCL log and VDCBL-GR-CCL log. Second (2nd) bond log also revealed the placement of cement, on outside of 5 1/2" O.D. casing (from 0' to 1564').

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API No. 30-025-09225

Laid down 2 7/8" work string and 3 1/8" O.D. drill collars.

Ran 2 3/8" O.D. tubing to 3688'. Dropped standing valve. Rigged up kill truck. Pressure tested 2 3/8" O.D. tubing, to 4750 psi, for 10 minutes. Pressure held okay. Fished standing valve. Rigged up air unit. Unloaded water from wellbore, to blowdown tank.

Select-fire perforated lower portion of Y-7R-Qn gas interval (good gas show interval), with (8) 0.38" x 17" holes, with one shot each at:

3500	3540	3572
3503	3557	3578
3507	3569	

Ran 4 1/2" Model "C" packer to 3599'. Pumped 150 gal of 15% MCA acid down 2 3/8" O.D. tubing, followed by 0.5 gal of 2% KCl water. Allowed acid to fall and equalize. Raised and set 4 1/2" Model "C" packer at 3446'.

Acidized perfs, from 3500' to 3578' (8 holes), with an additional 1200 gal (total of 1350 gal) of 15% MCA acid and 11 ball sealers, at an average treating rate of 4.0 BPM, and average treating pressure of 1803 psi. Formation broke at 2000 psi. Minimum treating pressure = 1060 psi. Maximum treating pressure = 3500 psi (at ballout, on 10th ball). Released 4 1/2" Model "C" packer. Lowered tubing and knocked off balls. Pulled 4 1/2" Model "C" packer.

Select-fire perforated middle and upper portion of Y-7R-Qn gas interval, with (31) 0.38" x 17" holes, with one shot each at:

3023	3056	3108	3170	3330	3387	3434
3027	3062	3146	3173	3350	3412	
3031	3077	3151	3217	3352	3415	
3039	3088	3157	3222	3371	3418	
3052	3101	3164	3326	3384	3429	

Ran 4 1/2" Model "C" RBP and 4 1/2" Model "C" packer. Set 4 1/2" Model "C" RBP at 3464'. Raised 4 1/2" Model "C" packer to 3419'. Pumped 200 gal of 15% MCA acid down 2 3/8" O.D. tubing, followed by 0.5 bbls of 2% KCl water. Allowed acid to fall and equalize. Raised and set 4 1/2" Model "C" packer at 3263'.

Page 6 of 8
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API No. 30-025-09225

Hooked up Halliburton, to acidize middle set of perfs (3326'-3429'). Pumped 756 gal of 15% MCA acid, at 4 BPM, at 28 psi. Released packer and pulled 2 3/8" O.D. tubing.

Rigged up tubing testers. Tested 2 3/8" O.D. tubing to 5000 psi, while going back into hole. Found 3 bad joints.

Set 4 1/2" Model "C" packer at 3455'. Pressure tested 4 1/2" Model "C" RBP to 3000 psi. Pressure dropped to 1660 psi, in 4 minutes. Released and raised packer to 2953'. Removed split tubing joint. Shut in well for night. 11.5-hr SICP = 48 psi.

Set 4 1/2" Model "C" packer at 2953'. Acidized perforations, from 3023' to 3434' (31 holes), with an additional 5344 gal (total of 6300 gal) of 15% MCA and 50 ball sealers, at an average treating rate of 4 BPM. Balled out on 40th ball (at 3150 psi), and again on the 45th ball. Had good ball action throughout acid job.

Ball sealers would not surge off. Released packer. Lowered tubing. Knocked off ball sealers. Raised and set 4 1/2" Model "C" packer at 2953'.

Pumped away remaining 609 gal of 15% MCA acid, at 4 BPM, at 20 psi. Flushed with 20 bbls of 2% KCl water.

Lowered 4 1/2" Model "C" packer. Unsuccessfully attempted to latch onto 4 1/2" Model "C" RBP. Pulled and laid down 4 1/2" Model "C" packer.

Ran 3 3/4" overshot (with 1 7/8" grapple) and 3 1/8" bumper sub. Latched onto 4 1/2" Model "C" RBP fishing neck. Pulled out of hole with fishing assembly and 4 1/2" Model "C" RBP.

Ran and landed bottom of 2 3/8" O.D. tubing at 3755' RKB (121 jts @ 30.8'/jt + 1.1'SN + 18'MA - 3AGL + 10'KBC = 3755.4'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string (without rod guides). Started pumping well at 6:45 P.M., CST, 3-20-02, at 9 Spm x 64" x 1 1/4" (SICP = 21 psig, at 6:30 P.M., CST, 3-20-02).

Overnight SICP = 47 psig. Turned well to gas sales line, on 3-21-02.

Since returning well to production, produced-water rate has continued to hyperbolically decline, as previously accumulated water (below 3535') is recovered.

Page 7 of 8
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 Mexico "E" Com No. 2
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 N-2-23S-36E
 API No. 30-025-09225

<u>Test Date</u>	<u>Gas Rate MCFPD</u>	<u>Water Rate BWPD</u>	<u>FCP (psig)</u>	<u>LP (psig)</u>
3-28-02	100	58 (1)	18	18
6-1-02	107	25	17	16
10-15-02	111	13	15	14
12-31-02	105	12	18	16
7-30-03	88	8	14	13
2-19-04	99	8	1	14

- (1) The dissolved solids to chlorides ratio, of the 3-27-02 after-repair Mexico "E" Com No. 2 water sample, fell within the published Paleozoic oil-producing zone range (for Southern Lea County, New Mexico waters), which was a large shift from the pre-repair 1-19-02 water sample.

Total wellbore repair and reserve enhancement cost = \$234,260.

Page 8 of 8
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Doyle Hartman
Mexico "E" Com No. 2
(Formerly Hobbs "K" No. 1)
N-2-23S-36E
API No. 30-025-09225

Mexico "E" Com No. 2
Upper Long-String
Cementing and Bond Log Results

A review of the VDCBL cement bond log, that was run in the Mexico "E" Com No. 2 well, on 3-15-02, after a 2000-sx squeeze job was performed down the 5 1/2" O.D. casing, on 2-5-02, documents the placement of cement, on the outside of the 5 1/2" O.D. casing, from 0' to 1564'. After the cement set, hard cement was drilled from 193' to 1125', and junk cement was drilled from 1125' to 1204'. By finding the bottom of the hard cement at 1125', when coupled with the results of the VDCBL cement bond log, indicates that a major cement slurry exit point, during the 2000-sx cement job, was the previously confirmed casing hole, between 1072' and 1102'.

After performing the 2000-sx cement job, (1) Mexico "E" Com No. 2 water production dropped from a rate of 120 BPD, on 1-18-02, to 1 BWPD, on 3-3-02, and (2) the dissolved solids to chlorides ratio, of the 3-27-02 after-repair Mexico "E" Com No. 2 water sample, shifted into the published Paleozoic oil-producing zone range (for Southern Lea County, New Mexico waters), further confirming a successful repair of the upper portion of the long string.

The 3-15-02 VDCBL cement bond log found the top of the original long-string cement job at 2700'.

DIVIDER PAGE

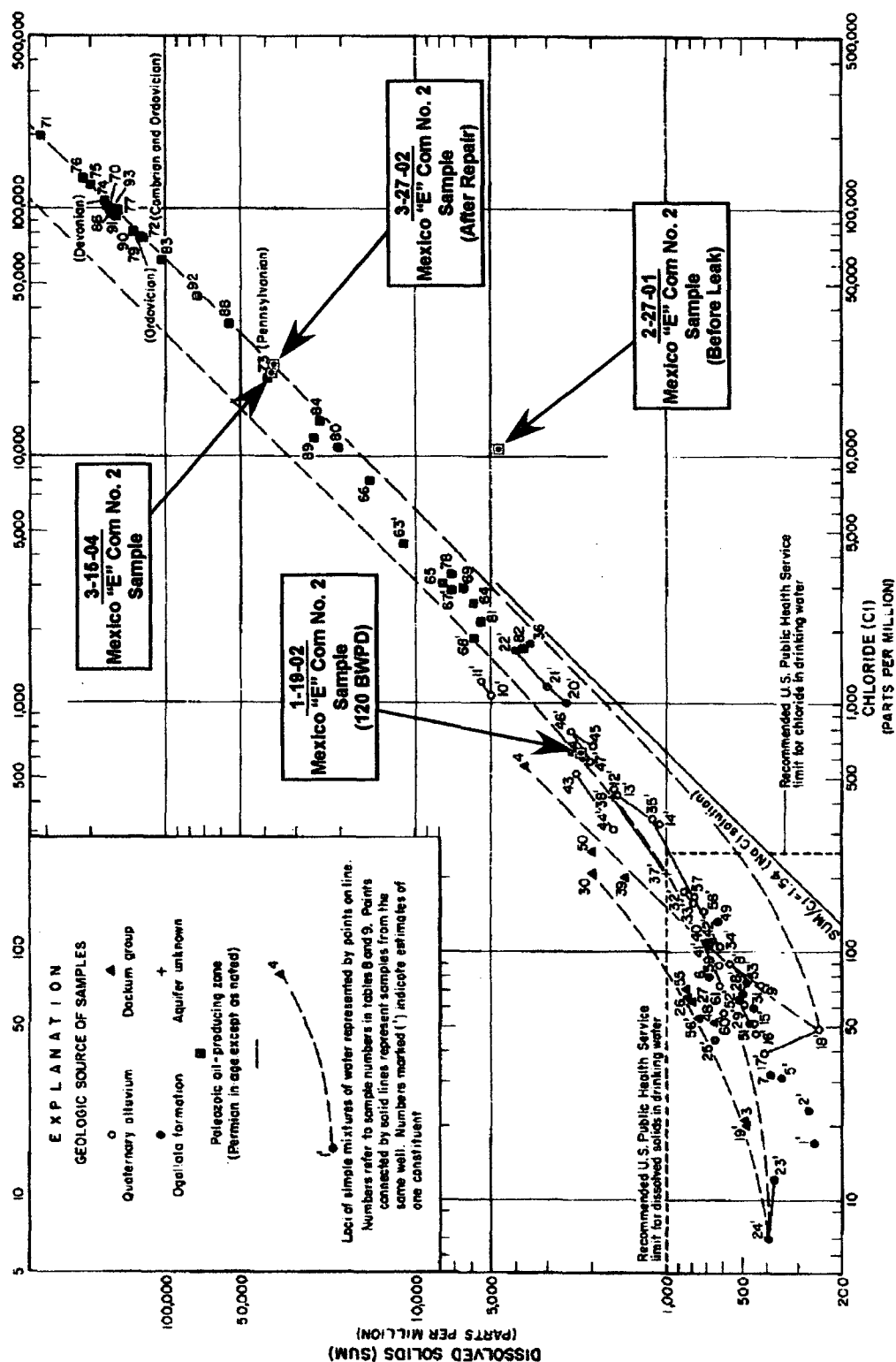


Figure 28

**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)



(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)

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. Steve Hartman LABORATORY NO. 201-197
P.O. Box 10426 SAMPLE RECEIVED 2/27/01
Midland, Texas 79702 RESULTS REPORTED 3/7/01

API WATER ANALYSIS REPORT FORM

Company Doyle Hartman Oil Operators		Sample No.		Date Sampled	
Field Langlie-Mattix		Legal Description		County or Parish Lea State NM	
Lease or Unit Mexico "E" Comm.		Well #2		Depth	
		Formation Yates/ Seven Rivers		Water, B/D	
Type of Water (Produced, Supply, etc.) Produced		Sampling Point		Sampled By	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	2,980	129.5
Calcium, Ca	216	10.8
Magnesium, Mg	391	32.2
Barium, Ba		

OTHER PROPERTIES

pH	7.55
Specific Gravity, 60/60 F.	1.0097
Resistivity (ohm-meters) @ 77° F.	0.570
Total Hardness, as CaCO ₃	2,150

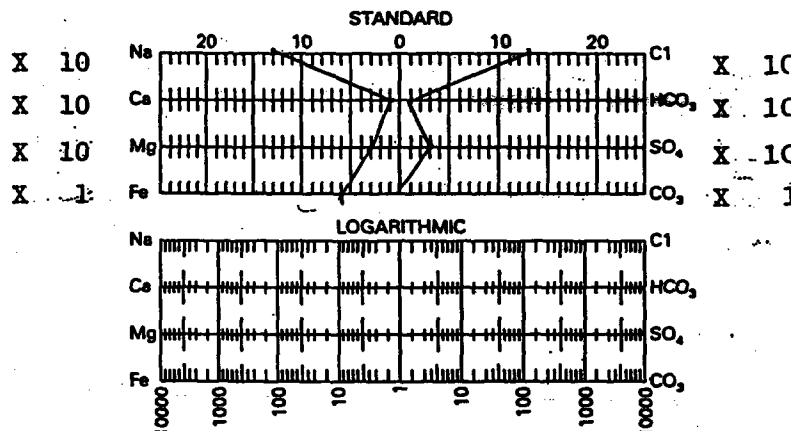
ANIONS

Chloride, Cl	4,687	132.2
Sulfate, So ₄	1,306	27.2
Carbonate, Co ₃	0	0.0
Bicarbonate, HCO ₃	805	13.2

Total Dissolved Solids (calc.) 10,385

Iron, Fe (total) 140 5.6
 Sulfide, as H₂S 8.0

WATER PATTERNS - me/l



REMARKS & RECOMMENDATIONS: We have no records of any low salinity Yates water in this area, and the basic characteristics of this water indicate the likelihood that it is predominantly Seven Rivers.

Waylan C. Martin, M.A.

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

MAR 12 2001

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. 102-166
P.O. Box 10426 SAMPLE RECEIVED 1/25/02
Midland, Texas 79702-0426 RESULTS REPORTED 1/28/02

API WATER ANALYSIS REPORT FORM

Company Doyle Hartman, Oil Operators		Sample No.		Date Sampled 1/19/02	
Field		Legal Description		County or Parish Lea State NM	
Lease or Unit Mexico "E"		Well #2		Depth	
Type of Water (Produced, Supply, etc.) Produced		Formation		Water, B/D	
Sampling Point		Sampled By			

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	658	28.6
Calcium, Ca	44	2.2
Magnesium, Mg	53	4.4
Barium, Ba		

OTHER PROPERTIES

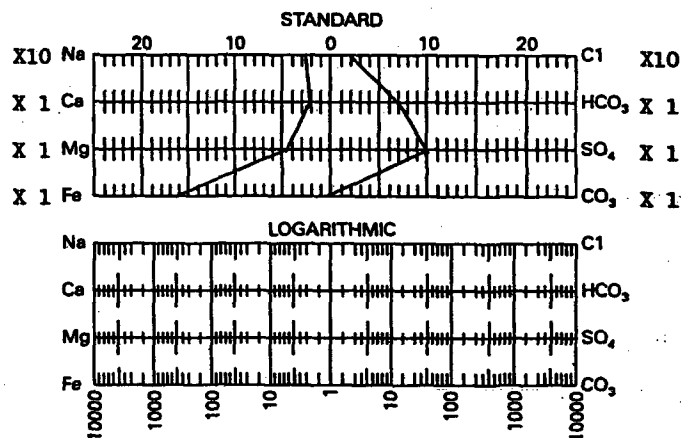
pH	7.85
Specific Gravity, 60/60 F.	1.0036
Resistivity (ohm-meters) @ 77° F.	2.90
Total Hardness, as CaCO ₃	330

ANIONS

Chloride, Cl	653	18.4
Sulfate, SO ₄	479	10.0
Carbonate, CO ₃	0	0.0
Bicarbonate, HCO ₃	415	6.8

Total Dissolved Solids (calc.)	2,303	
Iron, Fe (total)	401	16.1
Sulfide, as H ₂ S	0.0	

WATER PATTERNS - me/l



REMARKS & RECOMMENDATIONS: We are not familiar with the zone this well is producing from or any specific location, but this sample is apparently all fresh water that has a somewhat high sulfate. Contact us if we can be of any additional assistance in this matter.

Waylan C. Martin, M.A.

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. 302-219
P.O. Box 10426 SAMPLE RECEIVED 3-27-02
Midland, Texas 79702-0426 RESULTS REPORTED 4-3-02

API WATER ANALYSIS REPORT FORM

Company Doyle Hartman, Oil Operators			Sample No.		Date Sampled 3-27-02	
Field		Legal Description		County or Parish		State
Lease or Unit Mexico "E" Com.		Well #2	Depth	Formation		Water, B/D
Type of Water (Produced, Supply, etc.)			Sampling Point			Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	mg/l
Sodium, Na (calc.)	5,585	242.8
Calcium, Ca	4,000	200.0
Magnesium, Mg	3,159	260.0
Barium, Ba		

ANIONS

Chloride, Cl	24,502	690.9
Sulfate, SO_4	570	11.9
Carbonate, CO_3	0	0.0
Bicarbonate, HCO_3	0	0.0

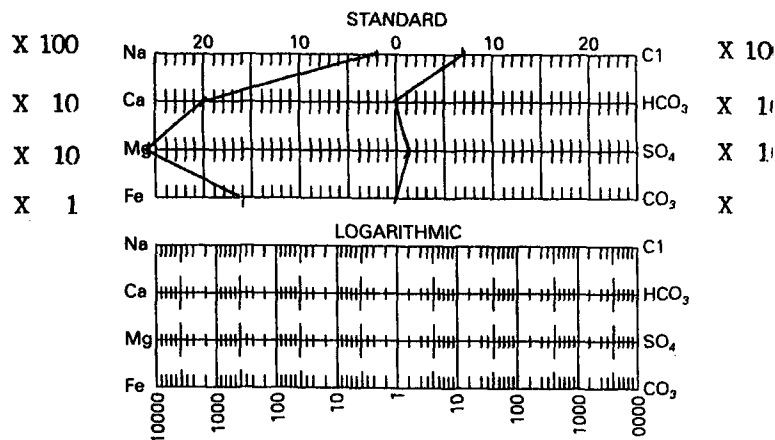
Total Dissolved Solids (calc.) 37,815

Iron, Fe (total)	408	16.3
Sulfide, as H_2S	37.0	

OTHER PROPERTIES

pH	3.95
Specific Gravity, 60/60 F.	1.0299
Resistivity (ohm-meters) @ 77° F.	0.198
Total Hardness, as $CaCO_3$	23,000

WATER PATTERNS - me/l



REMARKS & RECOMMENDATIONS: These results show a substantial increase in the levels of salts as compared to the sample from this well taken 1-19-02 reported on laboratory #102-166. At that time, we encountered essentially fresh water. However, the water at this time does appear to be influenced by the presence of acid (note low pH and absence of bicarbonate).

Waylan C. Martin
Waylan C. Martin, M.A.

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

MARTIN WATER LABORATORIES, INC.

WATER SAMPLE TAKEN 3-15-04

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

RESULT OF WATER ANALYSES

TO: Mr. Don Mashburn LABORATORY NO. 304-78
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 NM	
Lease or Unit Mexico E Comm		Well #2		Depth	
Type of Water (Produced, Supply, etc.) Produced		Formation		Water, B/D	
Sampling Point		Sampled By			

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	11,849	515.2
Calcium, Ca	440	22.0
Magnesium, Mg	1,628	134.0
Barium, Ba		

ANIONS

Chloride, Cl	22,365	630.7
Sulfate, SO_4	1,138	23.7
carbonate, CO_3	0	0.0
carbonate, HCO_3	1,025	16.8

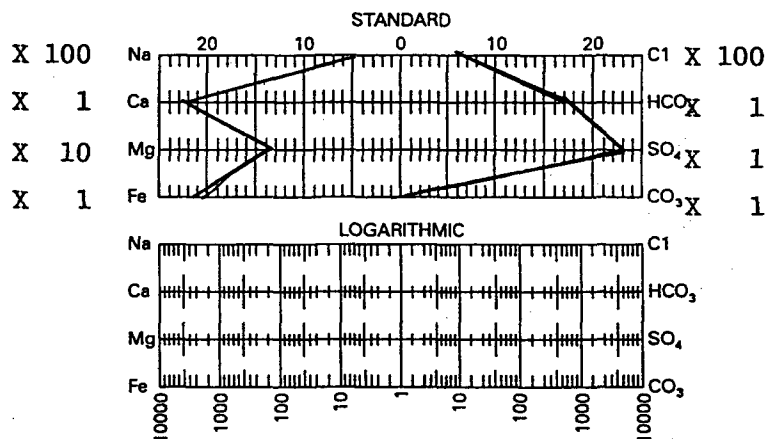
Total Dissolved Solids (calc.) 38,445

Iron, Fe (total)	529	21.1
Sulfide, as H_2S	48	

OTHER PROPERTIES

pH	7.30
Specific Gravity, 60/60 F.	1.0257
Resistivity (ohm-meters) @ 77° F.	0.206
Total Hardness	7,800

WATER PATTERNS - me/l



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

Greg Ogden, B.S.

FAX: Doyle Hartman (214-520-1434)

DOYLE HARTMAN
OIL OPERATOR
RECEIVED

MAR 18 2004

DIVIDER PAGE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

O+2-NMOCD-P.O. Box 1980 1-Foreman-
Hobbs, NM 88240 1-BB
1-Engr.-PJB 1-File
1-Laura Richardson(Mid) 1-BW

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-1327

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Getty Oil Company	8. Farm or Lease Name Hobbs K
3. Address of Operator P.O. Box 730 Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 23S RANGE 36E NMPM.	10. Field and Pool, or WHdcat Langlie Mattix Queen
15. Elevation (Show whether DF, RT, GR, etc.) 3460' DF	12. County Lea

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 OPS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

5/17/82 Squeeze & clean out 5 1/2" 3690'. Perfs 3514-3681'. Rig up. Pull rods & tbq. Ran 5 1/2" plug & pkr. Set plug @ 2888 test ok. Pull pkr. Ran R-4 tension pkr. Set 68' holes (668-700') Circ out braden head.
5/18/82 Pull pkr. Install cmt head. Howco cemented holes 668-700' w/250 sxs thickset, 50 sxs "C" displace to 500'. Circulate 46 sxs of cement. WOC.
5/19/82 TD 3700'. PB 3690'. Ran 4 3/4" bit and tag cmt @ 464'. Pulled to 400'.
5/20/82 R.U. Reverse Unit & tag cement @ 464'. Drilled soft cement @ 464-480'. Drld. rubber plug @ 480'-481' and firm cement @ 481'-677' (196'). Ran to 755' w/bit and pressured on csg. to 500# - ok. POH & ran retrieving tool on 92 jts 2866' of 2 7/8" tbq. Tagged sand @ 2865' and washed 20' to 2885'. POH w/tbg., ret. tool & B.P. Ran bit and D.C.'s on 114 jts., 3548' of 2 7/8" tbq. & tagged @ 3683'. Pulled to 3661'.
5/21/82 Hobbs K #1: Layed down tbq, DC & bit. Ran MA, perf sub & S.N. 117 jts (3549') 2 3/8" 2" x 1 1/2" x 10' pump. 141 5/8" rods. SN @ 3559'. Released pulling unit. Placed well back on production.

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

SIGNED Dale R. Crockett TITLE Area Superintendent DATE 5/26/82
ORIGINAL SIGNED BY JERRY SEXTON DISTRICT NY SUPR
APPROVED BY DB TITLE _____ DATE MAY 27 1982
CONDITIONS OF APPROVAL: _____

GOR NA API Grav. NA CK 64 /64 TP Pmp Dia. 1.5 SPM/LS12.5x42"

Perfs: Top 3326' Btm 3 Field Name JALMAT GL

Test Prior: Status PMP BO BW MCFD /24 Ck /64 TP

PO31 Status Change: From WO to PMP.

Page of

MIDLAND DIVISION - WORKOVER PROGRESS AND SUMMARY REPORT

(WORK PERFORMED CONTINUED)

Lease and Well No. HOBBES K # 1

02-16-91 MIRU XPERT WS. POH w/ RODS & PUMP. POH w/TBG. BY ROTARY WL RAN GR-CCL LOG FROM 3600 TO 2900'. SET 5.5 CIBP @ 3525'. DUMPED 35' CMT ON BP. NEW PBTD 3490'. RAN HOWCO TENS. PKR ON 2 3/8" TBG. & SET @ 1400'. TESTED BP TO 100# OK. CHK 5.5 CSG FOR LEAKS 660' TO 726' OK. POH w/ PKR SDON.

1-DAY COST \$4,107

02-17-91 GIH w 2 3/8" OE TBG. TO 726'. MIRU HOWCO & SPOT 45 SX MATRIX CMT FROM 726-406' POH w/ TBG. DISPLACE CMT DOWN 5.5 CSG TO 500' w 2.5 BBLs @ 1000# SI SDFN. WOC.

2-DAYS COST \$ 12,304

02-18-91 WOC

02-19-91 TOTAL WOC 65 HRS. GIH w/ 4.75 BIT 4 3.5 DC'S & 2 3/8" TBG. TAG CMT @ 591'. DRILL CMT 591 TO 735'. TEST CSG TO 500# 15 MIN. LOST 50# IN 10 MIN. PRESS TO 1000# LOST 100# IN 10 MIN POH SDON.

3-DAYS COST \$ 13,816

02-20-91 GIH w/ 2 3/8" OE TBG TO 726'. MIRU HOWCO & SPOT 60 SX MATRIX CMT FROM 726' TO 310' POH w/TBG. DISPLACE CMT DOWN 5.5 CSG. FROM 310' TO 390' w 2.5 BBLs @ 1000#. SI. SDFN WOC.

4-DAYS COST \$20,829

02-21-91 GIH w 4.75 BIT DC'S & TBG. TAG CMT @ 394' DRILL CMT TO 600'SDON.

5-DAYS COST \$22,778

02-22-91 DRILL CMT 600' TO 730'. TEST CSG TO 300# HELD OK 30 MIN. POH LAYING DOWN DC'S. RAN 2 3/8" TBG. OE TO 3440' CIRC. HOLE CLEAN W/75 BBLs WTR. SDON.

02-23-91 BY DOWELL, SPOT 150 GAL. 10% ACETIC ACID FROM 3440' TO 3250'. TOH

w/TBG. BY ROTARY RUN 4" CSG. GUNS & PERF 7 RIVERS w/ 2 JSPF (114 HOLES) @ 3326-3337', 3340'-3343', 3349'-3354', 3370'-3374', 3379'-3388', 3409'-3420' & 3429'-3436'. RD WIRELINE. TIH w/5.5 MODEL R PKR ON 3.5 TBG. & SET PKR @ 3185' BY DOWELL ACIDIZE 7 RIVERS PERFS 3326'-3436' w/2500 GALS 15% NEFE & 160 1.3 S.G. BALL SEALERS @ 5 BPM & FLUSH w/33 BBLs. 2% KCL WTR. MAXPRESS 890# MIN 110# AVG. 180#. ISIP 0. 15 MIN 0# [-104 BLW]. SWAB 2 HRS REC 18 BLW SDON [-86 BLW].

7-DAYS COST \$ 31,859

02-24-91 SITP 50# RIG UP SWAB SWAB DRY IN 3 RUNS SDFWE PREP TO FRAC.

8-DAYS COST \$ 32,333

02-25-91 SDFWE

02-26-91 GIH w/SWAB NO FLUID. BY DOWELL FRAC 7 RIVERS PERFS. 3326'-3436' USING 35000 GALS X-LINK GEL CARRYING 127,500# ??/?? BRADY SAND. IN 4 EQUAL? STAGES. MAX PSI=1950 MIN=965 AVG.=1100, ISIP=50# 15 MIN = 30# AIR=30 BPM.

[-1072 BLW]

9-DAYS COST \$69,712

02-27-91 SD 24 HRS.

02-28-91 SITP SLIGHT VAC. 1ST FL 600' SWAB 2 HRS REC 20 BBLs WTR. FOUND SAND IN TBG. REL PKR & PULLED 3.5 TBG. RAN BD BAILER w/4.75 BIT TAG SAND @ 3154'. CO WELL 3154'-3189'. BAILER QUIT STROKING. POH SDON.

10-DAYS COST \$71,743

03-01-91 TIH w/BIT & BAILER, TAG SAND @ 3188'. CO SAND FROM 3188'-3303. (115') PULLED BIT TO 3000' & SDON.

11-DAYS COST \$74,176

03-02-91 POH TIH w/NEW 4.75 BIT TAG SAND @ 3203. C/O SAND 3203'-3480'. (LOST FLUID @ 3350'). PULLED BIT TO 3250' SDON.

12-DAYS COST \$77,997

03-03-91 TOH w/4.75 BIT TIH w 3/.5 x 5.5 PKR ON 3.5 TBG. & SET @ 3246'. SWAB & TEST 5 HRS REC 6 BBLs WTR. START FL 3000' FS. FLUID ENTRY 200'/HR. SDON

13-DAYS COST \$79,085

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL API NO. 3002509225
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1327
7. Lease Name or Unit Agreement Name MEXICO "E" COM.
8. Well No. 2
9. Pool name or Wildcat JALMAT TANSIL YATES 7 RIVERS

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.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco Exploration and Production Inc.	
3. Address of Operator P.O. Box 730, Hobbs, NM 88241-0730	
4. Well Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>SOUTH</u> Line and <u>1980</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>23-S</u> Range <u>36-E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3460' DF	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☒
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. 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.

- SET CIBP @ 3525', VAP W/35' CMT. (PBD 3490')
- 1) PERF JALMAT 3326'-3436' w/2 JSPI (114 HOLES)
 - A) ACIDIZE PERFS W/2500 GALS 15% NEFE ACID-MAX 890#, MIN 110#.
 - B) FRAC W/35000 GALS X-LINK GEL CARRYING 127,500# SAND-MAX-1950#, MIN-965#, ISIP-50#
 - 2) SET RBP @ 3252', PERF YATES 3026'-2172' W/2 JSPI (168 HOLES)
 - A) ACIDIZE PERFS W/500 GALS 15% NEFE, MAX-800#, MIN-300#.
 - B) FRAC W/47,500 GALS 30# BORATE X-LINK GEL W/143,500# SAND-MAX-4937# MIN-359#, AIR-32 BPM
 - 3) RETRIEVE RBP, PLACE WELL ON PRODUCTION.
 - 4) POTENTIAL 4-1-91, PUMP 0 OIL, 1 WTR, 206 MCF.

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

SIGNATURE L.W. Johnson TITLE Engr. Asst. DATE 9-19-91
TYPE OR PRINT NAME L.W. Johnson TELEPHONE NO. (505) 397-0426

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SEP 24 1991

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

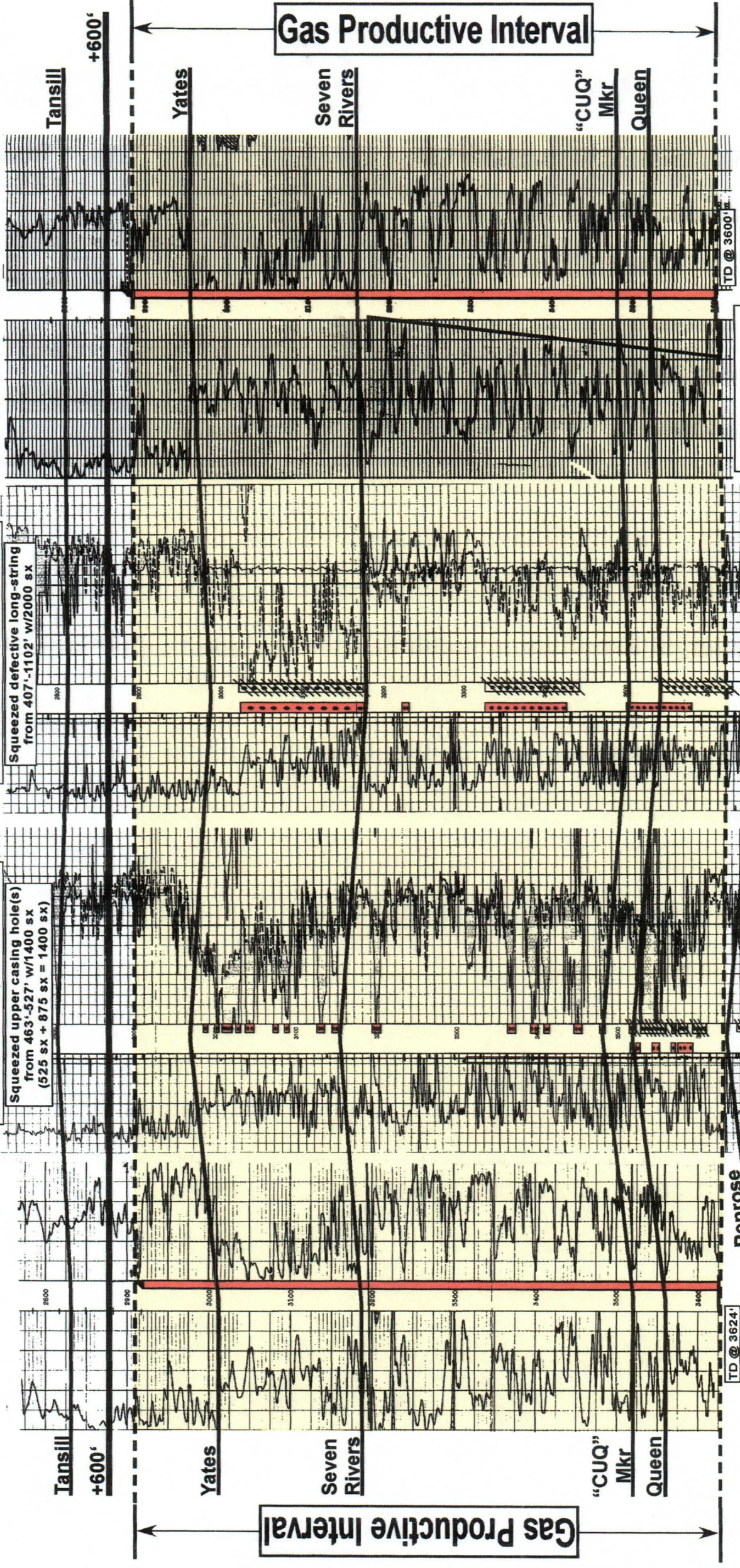
B'

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 @ 3795'
NTD @ 3800'

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

PBTD @ 3815'
NTD @ 3828'

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

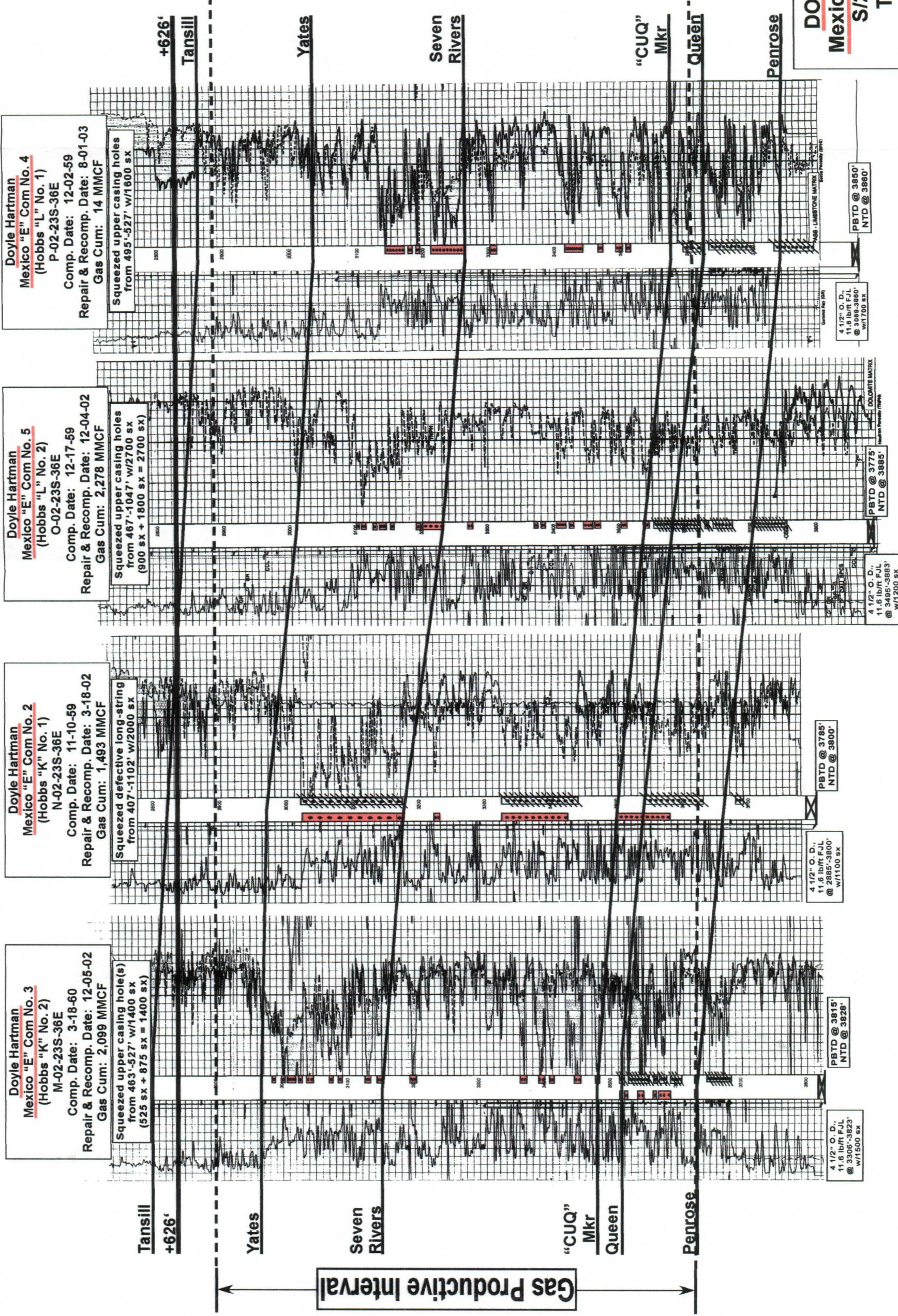
DOCUMENTED GAS PRODUCTIVE INTERVAL
Sections 2, 3 & 11
T-23-S, R-36-E
Lea County, New Mexico

DIVIDER PAGE

West
C

East
C

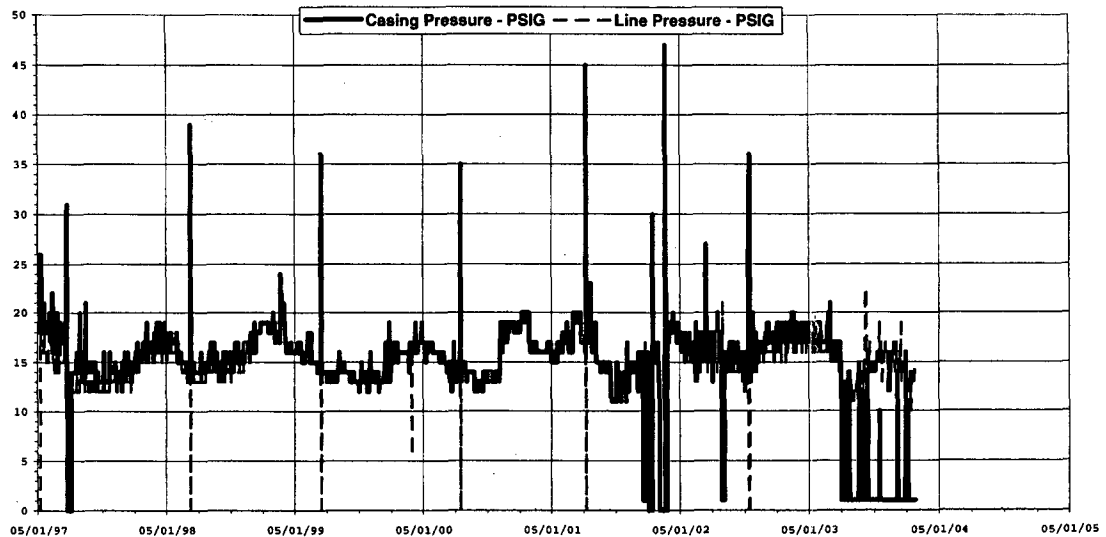
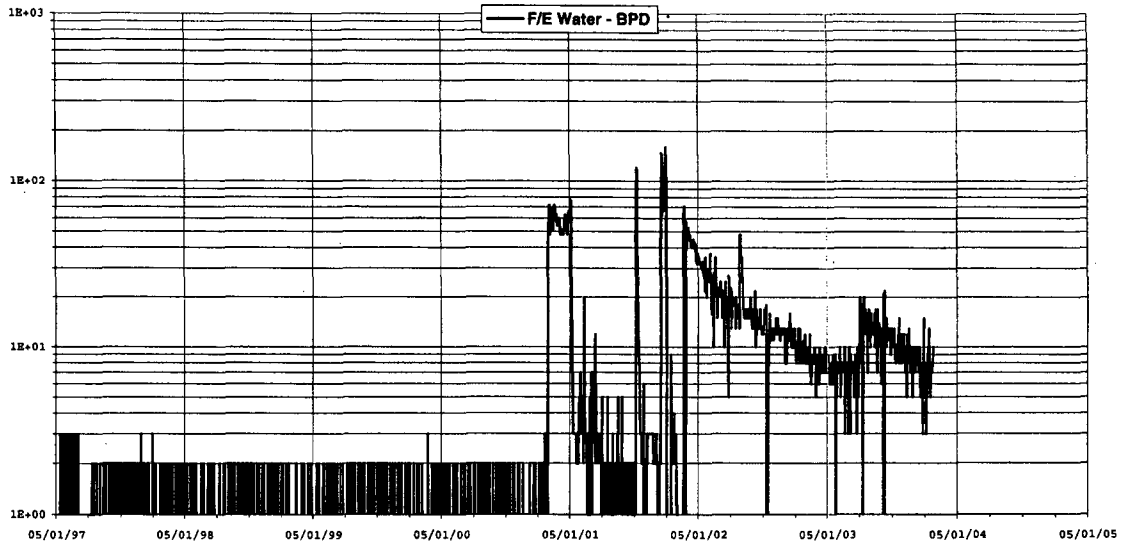
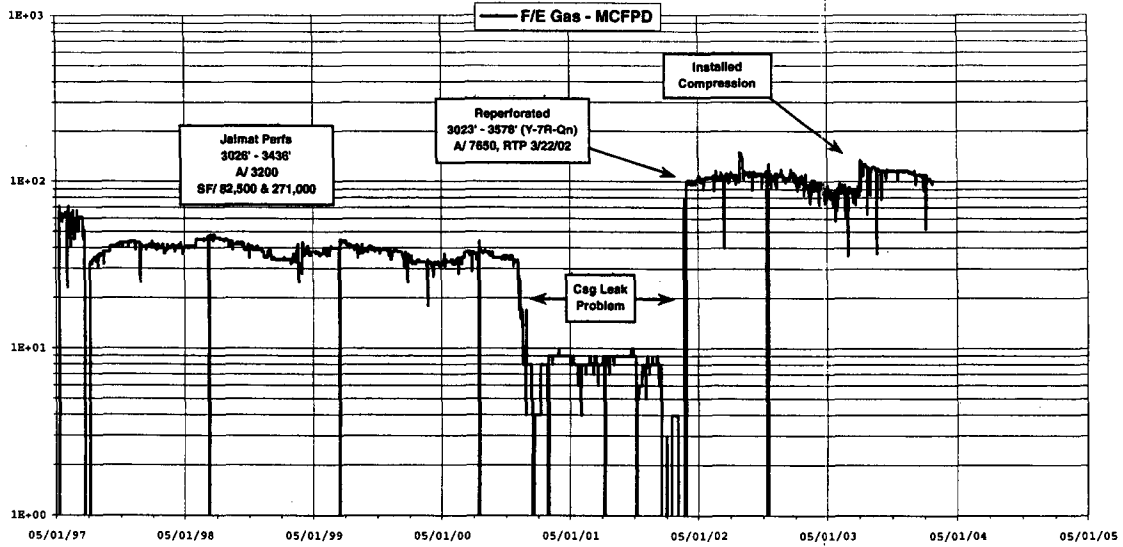
Structural Cross-Section



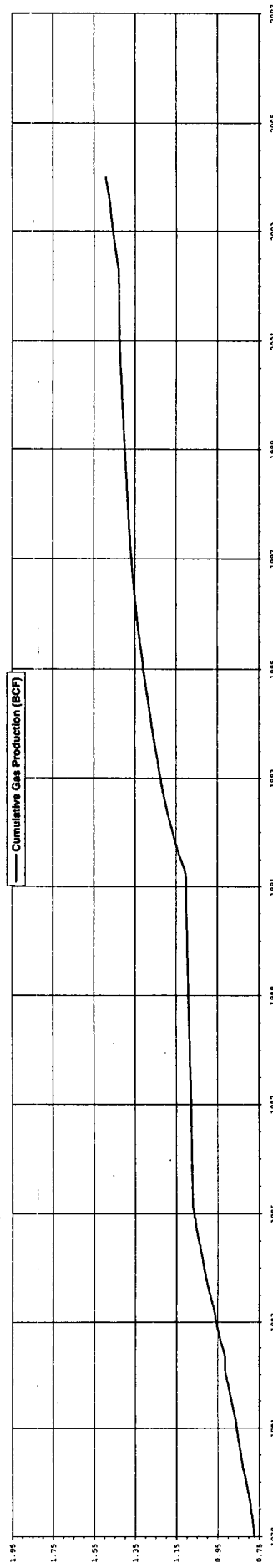
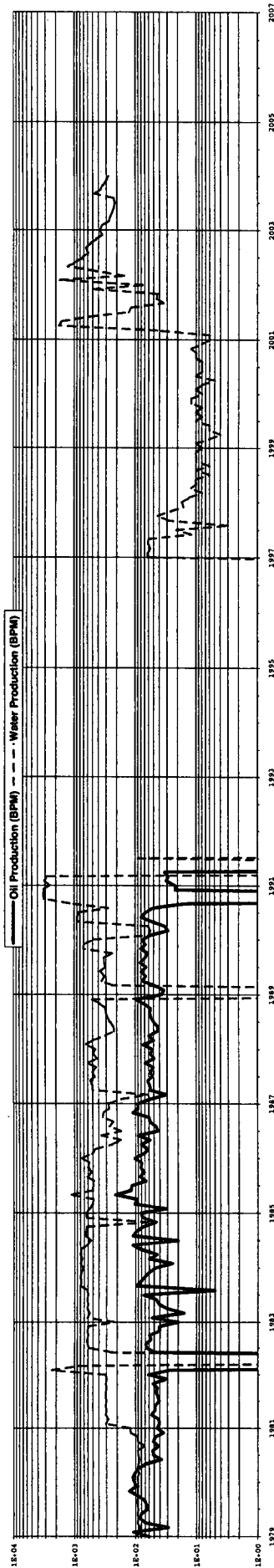
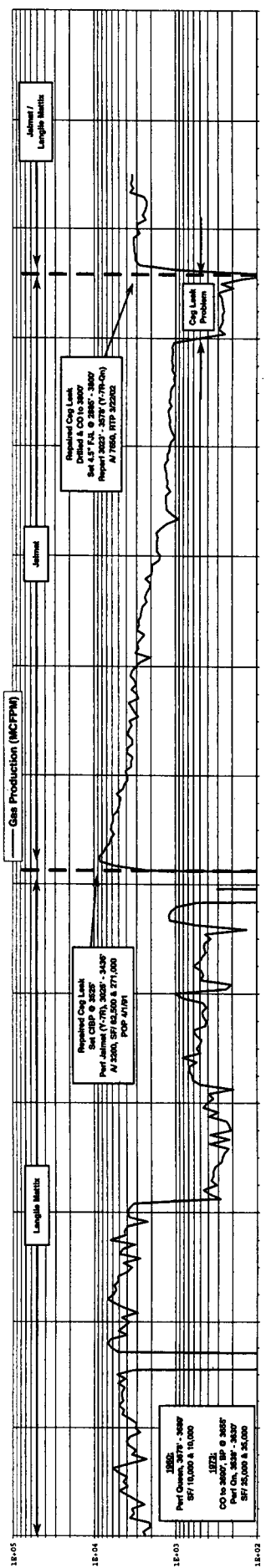
DOYLE HARTMAN
Mexico "E" Com Lease
S/2 S/2, Section 2
T-23-S, R-36-E
Lea County, New Mexico

DIVIDER PAGE

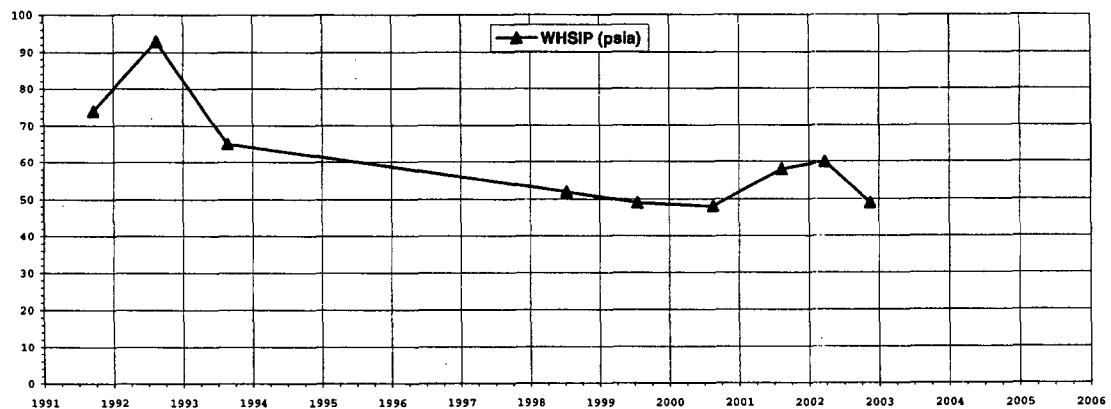
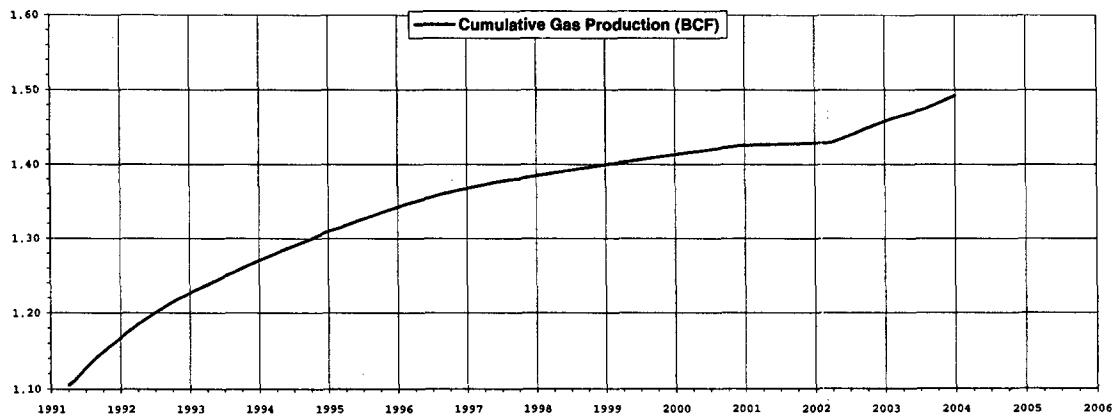
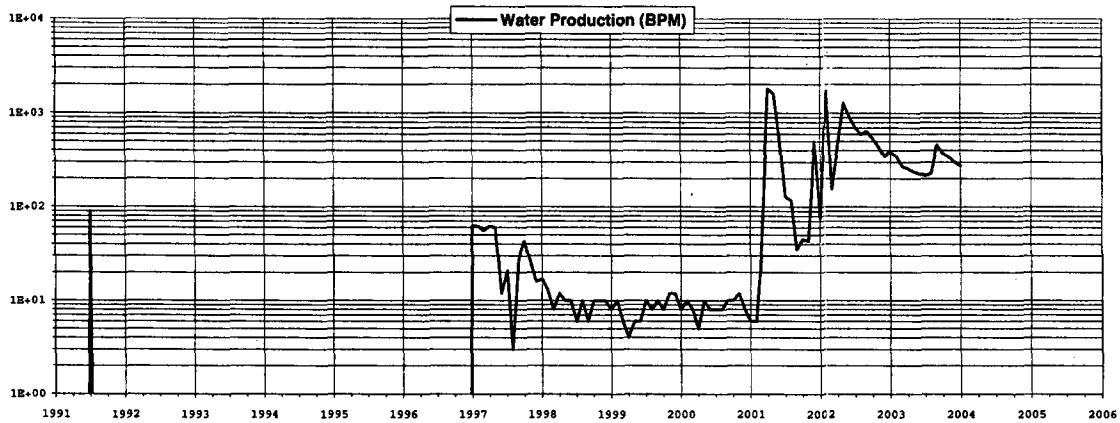
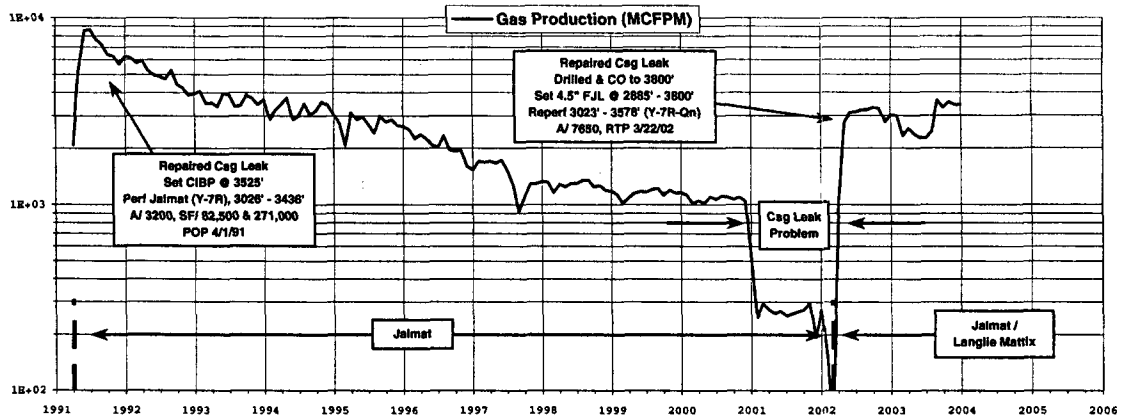
Mexico "E" Com #2
 Jalmat / Langlie Mattix
 N-2-23S-36E
 Doyle Hartman



Mexico E Com #2 (Hobbs K #1)
Jalmat / Langile Matix
N-2-23S-36E
Doyle Hartman



Mexico E Com #2
Jalmat / Langlie Mattix
N-02-23S-36E
Doyle Hartman



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 30-025-09225	⁵ Pool Name Jalmat / Langlie Mattix	⁶ Pool Code 79240 / 37240
⁷ Property Code 20834	⁸ Property Name Mexico "E" Com	⁹ Well Number 2

II. ¹⁰ Surface Location

UI or lot no. N	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660	North/South Line South	Feet from the 1980	East/West line West	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 03/21/2002	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 M-2-23S-36E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description M-2-23S-36E
-------------------	---

V. Well Completion Data

²⁵ Date Re-spudded 02/01/2002	²⁶ Ready Date 03/21/2002	²⁷ TD 3800'	²⁸ PBTD 3785'	²⁹ Perforations 3023' - 3578' w/ 38	³⁰ DHC, DC, MC 4.000"
³¹ Hole Size 11"	³² Casing & Tubing Size 8 5/8", 32 #/ft	³³ Depth Set 306'	³⁴ Sacks Cement 200 sx (Circ.)		
7 7/8"	5 1/2", 14 #/ft	3690'	250 sx + 2000 sx (Circ.)		
4 3/4"	4 1/2", 11.6 #/ft FJL	2885' - 3800'	sqz'd w/ 1100 sx		
	2 3/8", 4.7 #/ft, J-55, EUE Tbg	3755'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 03/21/2002	³⁷ Test Date 10/15/2002	³⁸ Test Length 24 Hrs.	³⁹ Tbg. Pressure —	⁴⁰ Csg. Pressure 15 psig
⁴¹ Choke Size 128/128	⁴² Oil —	⁴³ Water 13	⁴⁴ Gas 111 MCF	⁴⁵ AOF —	⁴⁶ Test Method Meter Run

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

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.	30-025-09225
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-1327

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" Corn	
b. Type of Completion: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		8. Well No. 2	
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>N</u> : <u>660'</u> Feet From The <u>South</u> Line and <u>1980'</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>23S</u> Range <u>36E</u> NMPM Lea County			
10. Date Re-spudded 02/01/2002	11. Date T.D. Reached 03/07/2002	12. Date Compl. (Ready to Prod.) 03/21/2002	13. Elevations (DF & RKB, RT, GR, etc.) 3457' RKB
14. Elev. Casinghead 3448'			
15. Total Depth 3800'	16. Plug Back T.D. 3785'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0' - 3800'
19. Producing Interval(s), of this completion - Top, Bottom, Name 3023' - 3578' (Y-7R-Qn)			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	306'	11"	200 sx	Circ.
5 1/2"	14 #/ft	3690'	7 7/8"	250 sx + 2000 sx	Circ.

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2" FJL	2885'	3800'	1100 sx		2 3/8"	3755'	

26. Perforation record (interval, size, and number) 3023' - 3578' w/ (38) 0.38" x 17" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3023' - 3578'	A/ 8259 Gal. 15% MCA

28. PRODUCTION

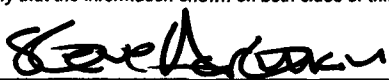
Date First Production 03/21/2002		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing / Pumping (9 x 64 x 1 1/4)				Well Status (Prod. or Shut-in) Producing	
Date of Test 10/15/2002	Hours Tested 24 Hrs	Choke Size 128/128	Prod'n For Test Period	Oil - BbL. ---	Gas - MCF 111	Water - BbL. 13	Gas - Oil Ratio ---
Flow Tubing Press. ---	Casing Pressure 15 psig	Calculated 24-Hour Rate	Oil - BbL. ---	Gas - MCF 111	Water - BbL. 13	Oil Gravity - API - (Corr.) ---	

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

T. Anhy	_____
T. Salt	_____
B. Salt	2810'
T. Yates	2984'
T. 7 Rivers	3175'
T. Queen	3538'
T. Grayburg	_____
T. San Andres	_____
T. Glorieta	_____
T. Paddock	_____
T. Blinberry	_____
T. Tubb	_____
T. Drinkard	_____
T. Abo	_____
T. Wolfcamp	_____
T. Penn	_____
T. Cisco (Bough C)	_____

Northwestern New Mexico

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
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
1025 N. French Drive, Hobbs, NM 88240

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

District III
1000 Rio Grande 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 2 N-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20834 API No. 30-025-09225 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)	3023' - 3434' (31 Holes)		3500' - 3578' (8 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)	03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')		03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')
Oil Gravity or Gas BTU (Degree API or Gms BTU)	1.264 MMBTU/MCF		1.264 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: 80.3 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 20.7 MCFPD Oil: 0 BPD Water: 10 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 % 79.5 %	Oil Gas % %	Oil Gas 0.0 % 20.5 %

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 ☐
NMOC 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

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 30-025-09225	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20834	Property Name Mexico "E" Com	Well Number 2
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' RKB

Surface Location

UL or lot no. N	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line West	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	17
		18
		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
11-23S-36E		

District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

API Number 30-025-09225	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20834	Property Name Mexico "E" Com	Well Number 2
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' RKB

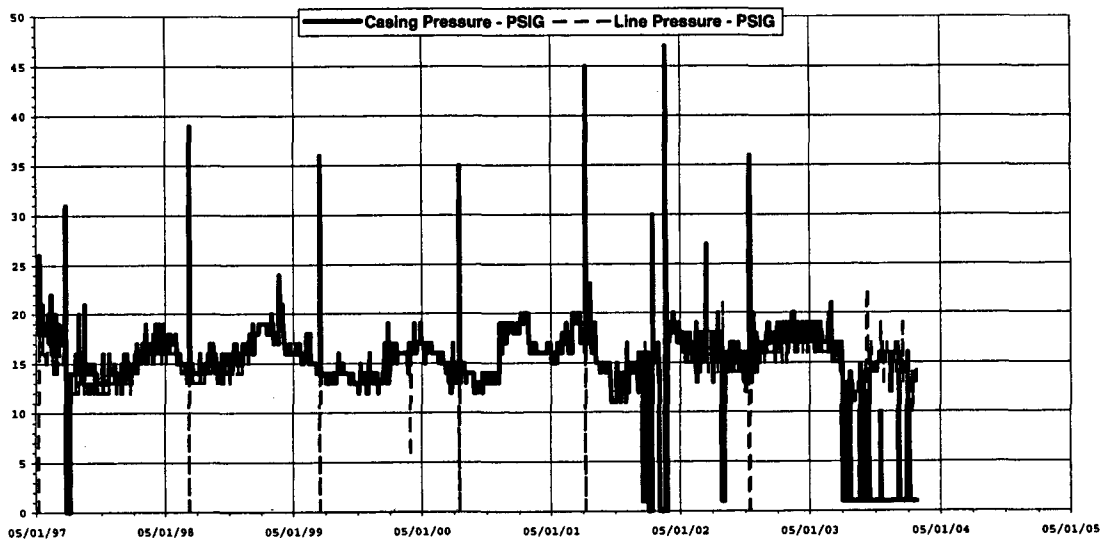
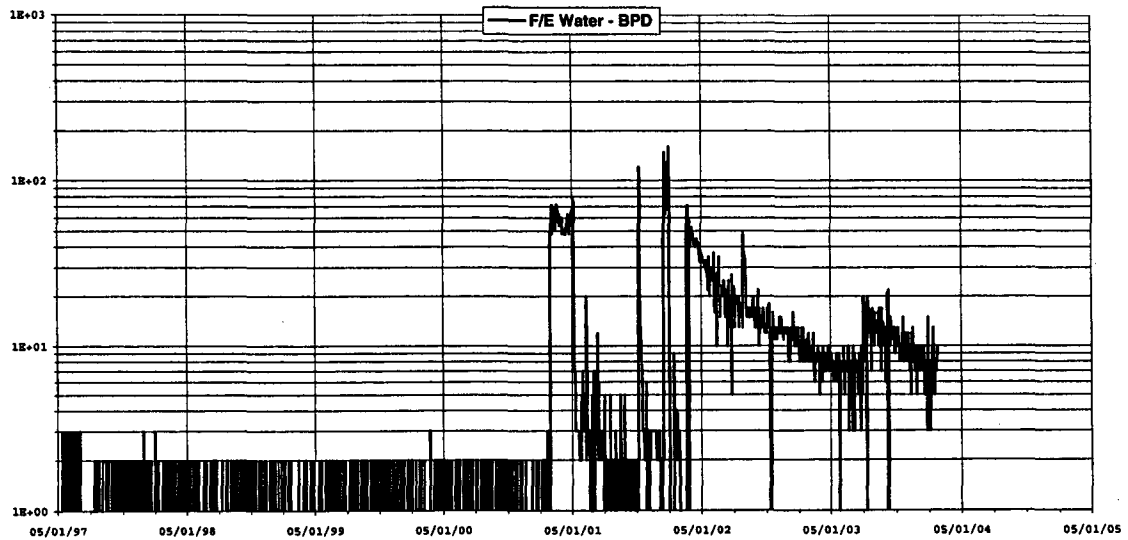
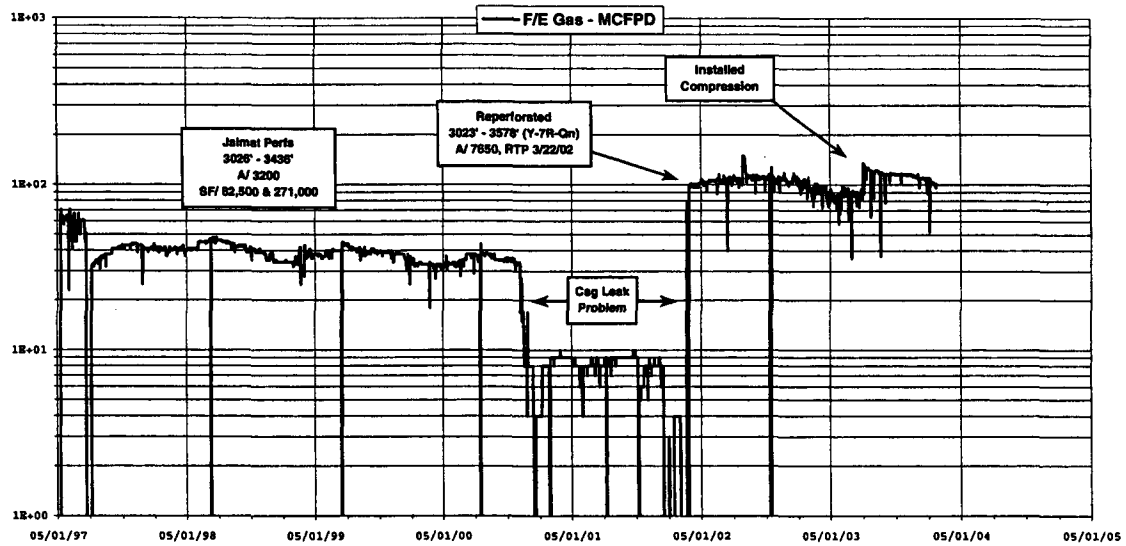
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
N	2	23S	36E		660'	South	1980'	West	Lea

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

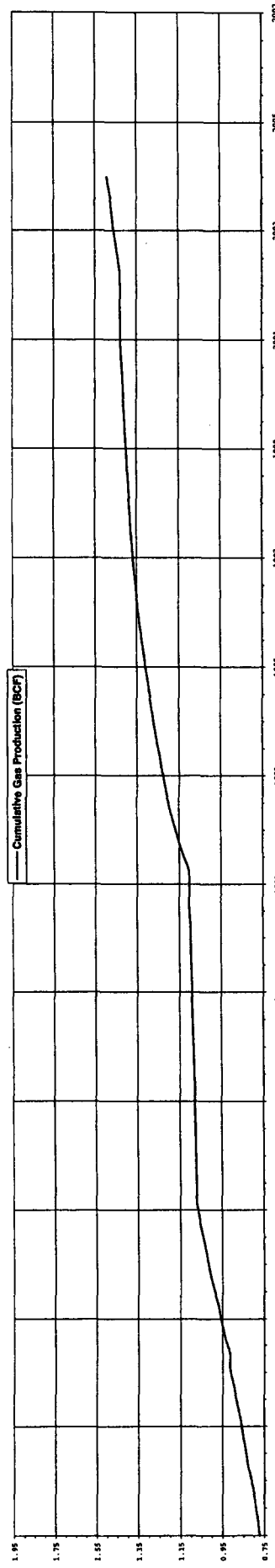
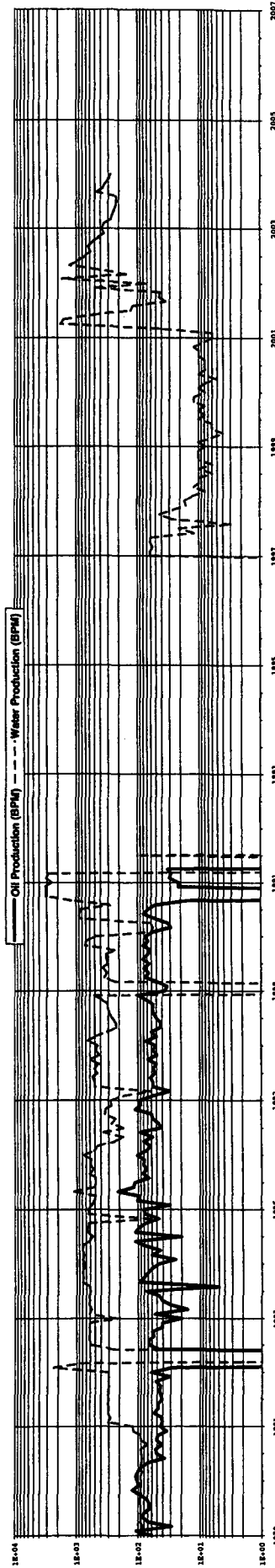
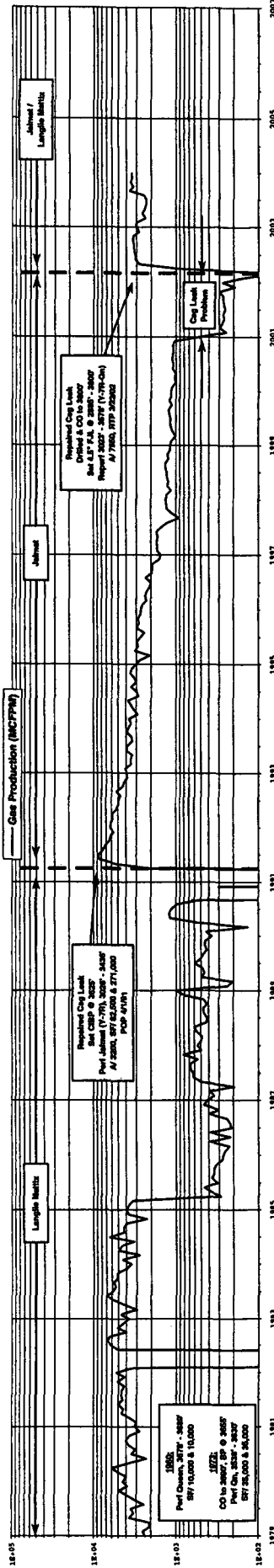
16	02-23S-36E	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature _____ Steve Hartman Printed Name _____ Engineer Title _____ 03/22/2004 Date _____
		18 SURVEYOR CERTIFICATION <i>I hereby certify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

DIVIDER PAGE

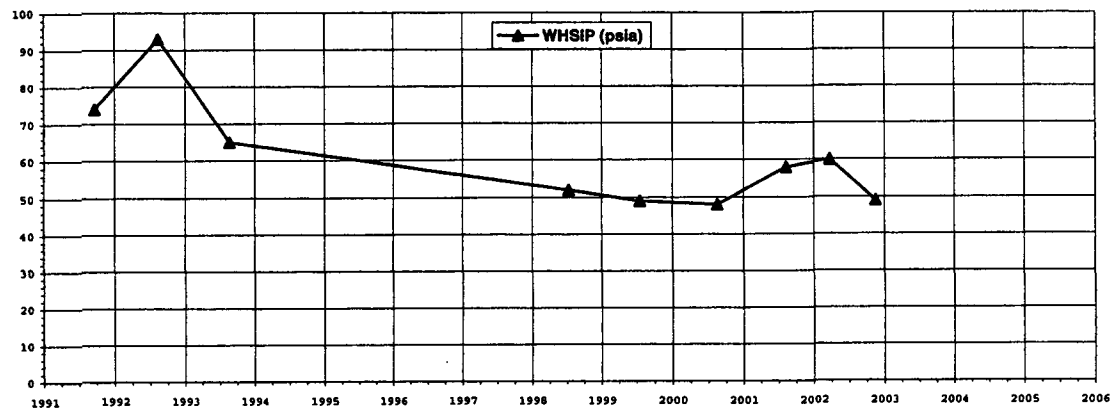
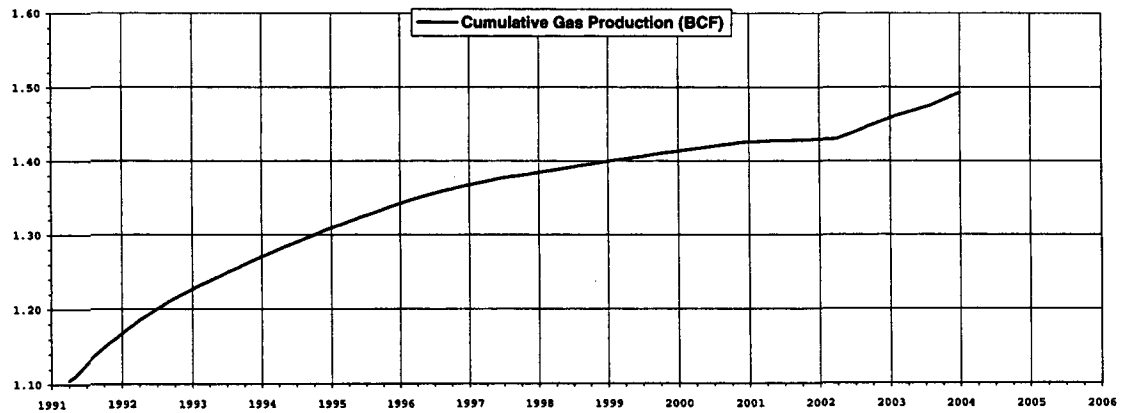
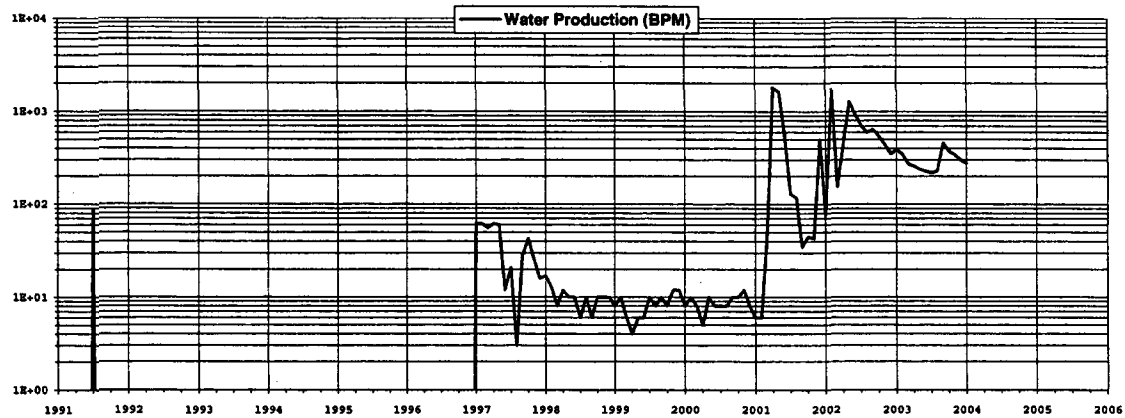
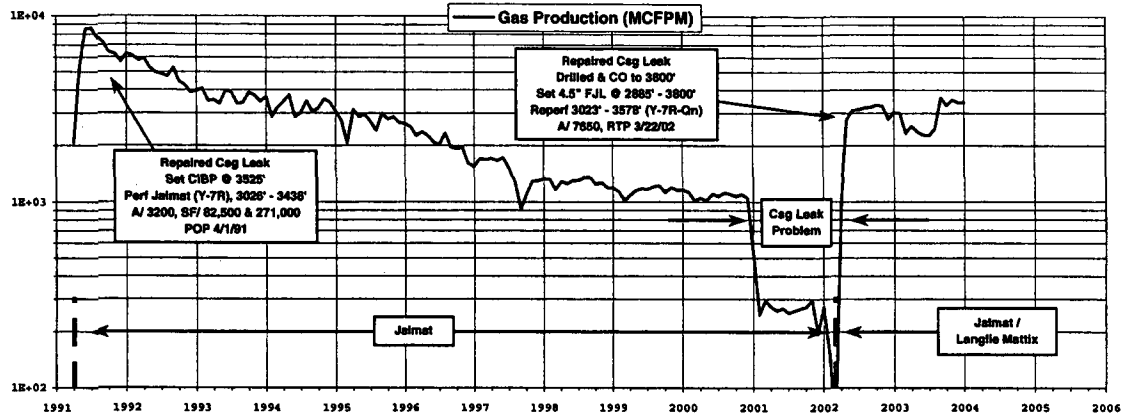
Mexico "E" Com #2
 Jalmat / Langlie Mattix
 N-2-23S-36E
 Doyle Hartman



Mexico E Com #2 (Hobbs K #1)
 Jalisco / Langlo Matiz
 M-2-235-36E
 Doyle Hartman



Mexico E Com #2
Jalmat / Langlie Mattix
N-02-23S-36E
Doyle Hartman



DIVIDER PAGE

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Total Gas Prod. per Perf. (mcfpd / perf)	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
101	39	80.3	79.5
02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Total Gas Prod. per Perf. (mcfpd / perf)	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
101	39	20.7	20.5

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

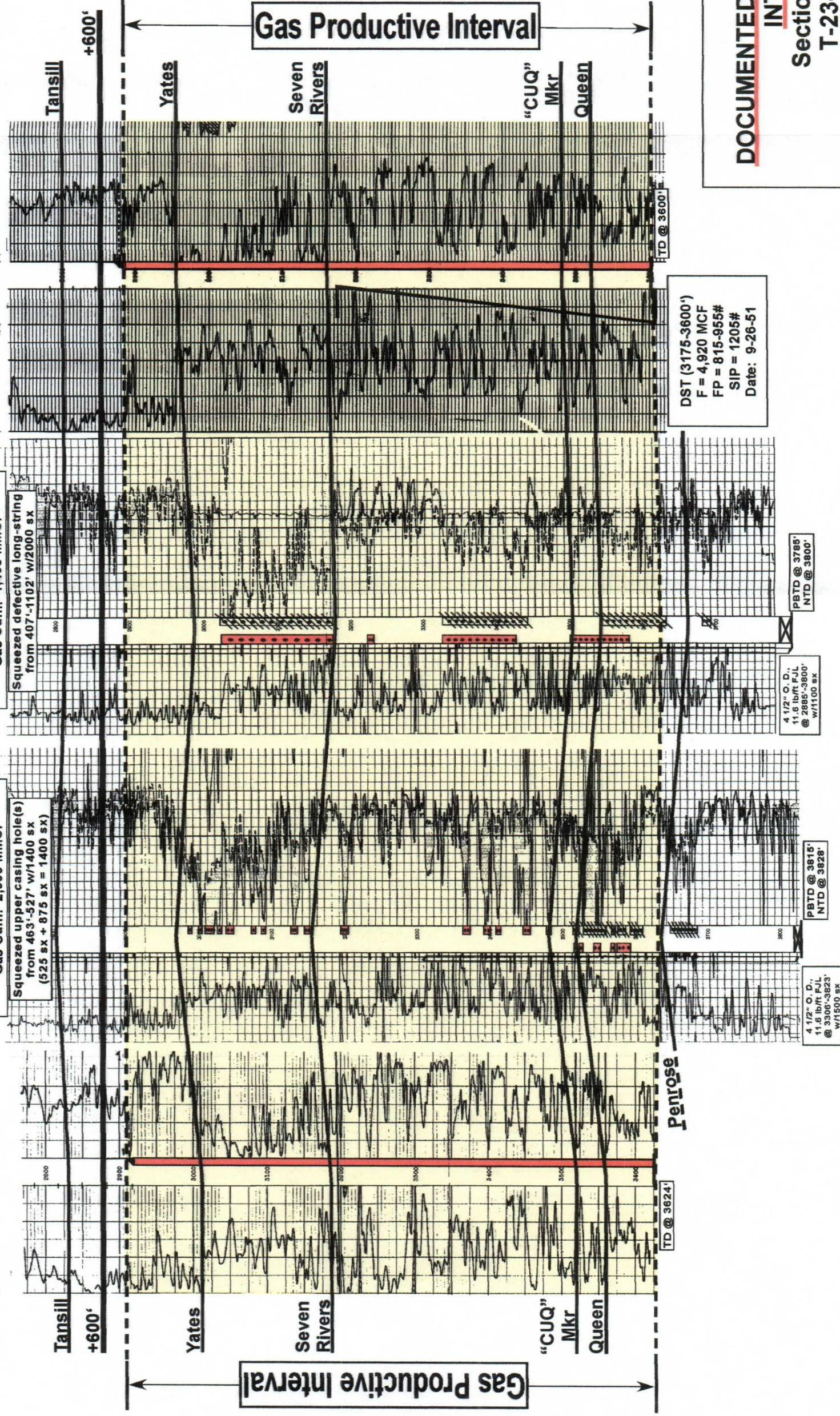
B'

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

West
C

Structural Cross-Section

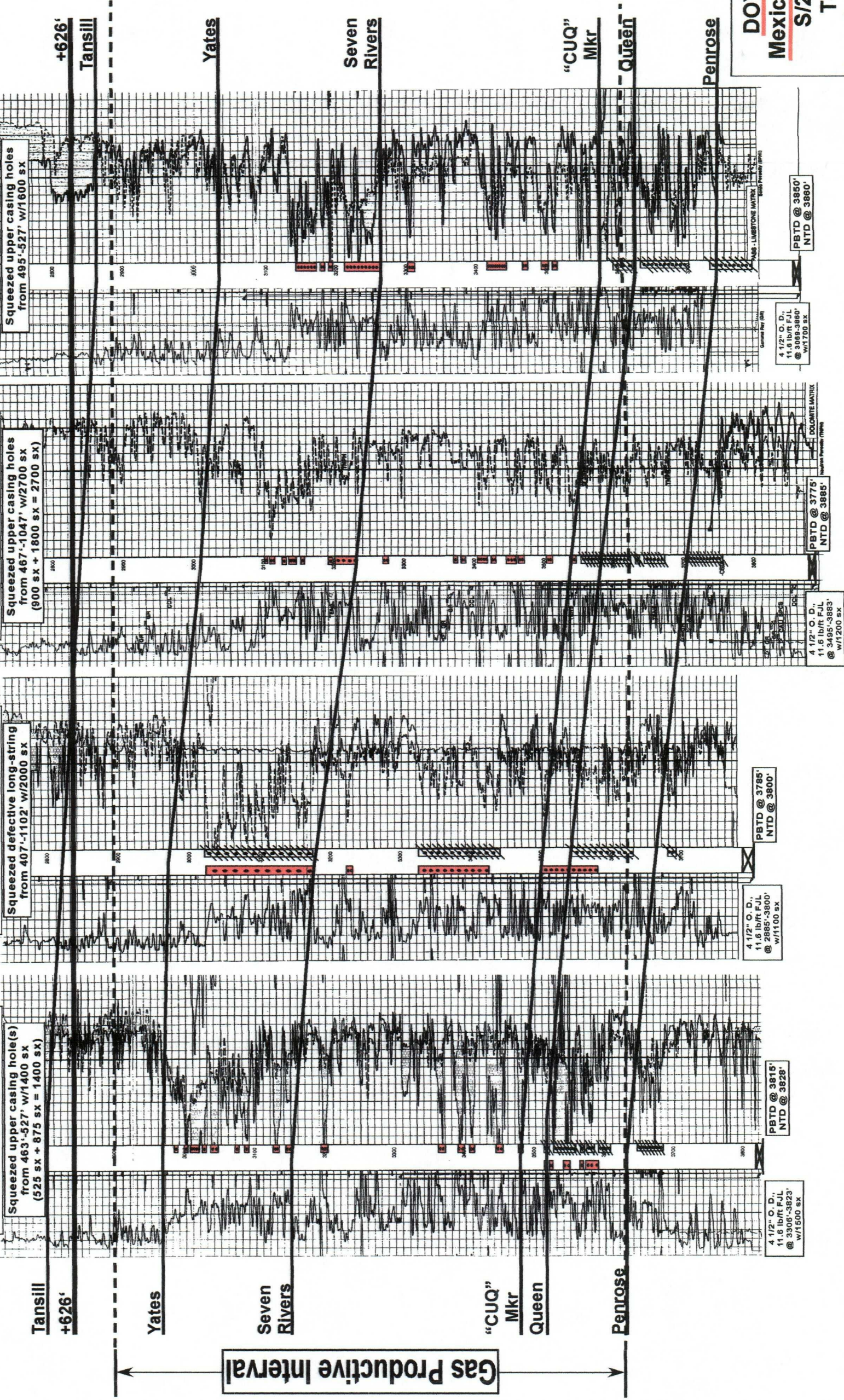
East
C

Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-80
Repair & Recom. 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 & Recom. Date: 3-18-02
Gas Cum: 1,493 MMCF

Doyle Hartman
Mexico "E" Com No. 5
(Hobbs "L" No. 2)
O-02-23S-36E
Comp. Date: 12-17-59
Repair & Recom. Date: 12-04-02
Gas Cum: 2,278 MMCF

Doyle Hartman
Mexico "E" Com No. 4
(Hobbs "L" No. 1)
P-02-23S-36E
Comp. Date: 12-02-59
Repair & Recom. Date: 8-01-03
Gas Cum: 14 MMCF



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

DIVIDER PAGE

**Hard Copy
of
Amended C-115**

that is to be transmitted to OCD,

by E-mail

P.O. Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos, Aztec, NM 84710

Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

1	☒	Amended Report
---	-------------------------------------	----------------

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 1/04																																						
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	for 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																																	
37240 Langlie Mattix 7 Rvrs Qn Gryb																																																										
020832 HOBBS L																																																										
002 0-2 -23S-36E																																																										
30-025-09228																														P						1	364	31	G	2474030	1463					364	020809											
																																								W	2474050					1												
020833 HOBBS K																																																										
002 M-2 -23S-36E																																																										
30-025-09226																														P						897	2341	31	G	0000000	1333					2341	020809											
																																								W	2474050					897												
020834 MEXICO E																																																										
002 N-2 -23S-36E																																																										
30-025-09225																														P						253	628	31	G	0000000	1443					628	020809											
																																								W	2490950					253												

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 1/04				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					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	
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																										
30-025-09227										P					35	2399	31	W	2474050			35				
																		G	2820931	1478		2399	020809			
002 0-2 -23S-36E																										
30-025-09228										P					13	4128	31	G	2474030	1463		4128	020809			
																		W	2474050			13				
020833 HOBBS K																										
002 W-2 -23S-36E																										
30-025-09226										P							4290	31	G	0000000	1333		4290	020809		
020834 MEXICO E																										
001 0-2 -23S-36E																										
30-025-09224										P					18	107	31	W	0000000			18				
																		G	2490930	1548		107	020809			
002 N-2 -23S-36E																										
30-025-09225										P						2437	31	G	0000000	1443		2437	020809			
																			</							

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	C	C	C	C	C	C	C	C	C	C	C	C
Property No. and Name			Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
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.	Prod.	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						45	2544	31	W	2474050			45			
												2820931	1083		2544	020809		
002	O-2 -23S-36E																	
	30-025-09228	P						17	4509	31	G	2474030	1379		4509	020809		
												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			
												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 87410

[illegible]

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

[illegible]

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

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

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473					4 10/03							
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	D	of	or Oil	on	Volume	Trans-	D	on					
API No.		E	Pres-	E	Cond.	Water	Gas	Prod.	E	Dispo-	sition	API	Hand	(Bbls/	porter	E	Hand					
		1	Volume	asure	2	Prod.	Prod.	Prod.	uced	3		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					1	465	31	G	2474030	1379		465	020809							
										W	2474050			1								
020833 HOBBS K																						
002 M-2 -23S-36E																						
30-025-09226		P					819	2580	31	G	0000000	1334		2580	020809							
										W	2474050			819								
020834 MEXICO E																						
002 N-2 -23S-36E																						
30-025-09225		P					344	729	31	G	0000000	1264		729	020809							
										W	2490950			344								

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 10/03																	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	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468

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 9/03				
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	for 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	Landlie Mattix 7 Rvrs Qn Gryb																		
020832	HOBBS L																		
0002	0-2 -23S-36E																		
	30-025-09228	P					3	482	30		G	2474030	1299	482	020809				
											W	2474050		3					
020833	HOBBS K																		
0002	M-2 -23S-36E																		
	30-025-09226	P					808	2511	30		G	0000000	1334	2511	020809				
											W	2474050		808					
020834	MEXICO E																		
0002	N-2 -23S-36E																		
	30-025-09225	P					376	679	30		G	0000000	1350	679	020809				
											W	2490950		376					

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 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	
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						68	2991	30	W	2474050			68			
											G	2820931	1425		2991	020809		
002	O-2 -23S-36E																	
	30-025-09228	P						28	5463	30	G	2474030	1299		5463	020809		
											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	O-2 -23S-36E																	
	30-025-09224	P						21	162	30	W	0000000			21			
											G	2490930	1339		162	020809		
002	N-2 -23S-36E																	
	30-025-09225	P							2632	30	G	0000000	1350		2632	020809		

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

District III

1000 Rio Brazos, Aztec, NM 84710

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

1 | $\bar{X}$ | Amended Report[illegible]

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 8/03				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	C	C	C	C	C	C	C	C	C	C	C	C	C			
			O			O	Barrels	Barrels				Point	Gas BTU	Oil							
			D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on			
			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-6																					
020832 HOBBS L																					
001	P-2 -23S-36E																				
	30-025-09227	P						328		31	W	2474050			328						
002	O-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	31	G	0000000	1334		4819	020809					
020834 MEXICO E																					
001	O-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					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.	used	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																												
020833 HOBBS K																												
002 M-2 -23S-36E																												
30-025-09226																												
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 7/03			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						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		

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Revised October 17, 1993
Instructions on Reverse Side

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.

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 6/03							Page 2 of 2						
																	PRODUCTION							DISPOSITION OF OIL, GAS, AND WATER													
																	8	9	INJECTION			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	C	C	C		
Property No. and Name																	0	0	0	0	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	D	D	D	D		
API No.																	E	E	Pres-	E	Cond.	Water	Prod.	Gas	Prod.	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand	E			
																	1	Volume	sure	2	Prod.	Prod.	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	OGRID	4	EOM			
79240 Jalmat Tensill 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	1020809							
002 0-2 -23S-36E																																					
30-025-09228																	P						38	3200	30	G	2474030	1298		3200	1020809						
																									W	2474050			38								
020833 HOBBS K																																					
002 M-2 -23S-36E																																					
30-025-09226																	P							4781	30	G	2474030	1248		4781	1020809						
020834 MEXICO E																																					
001 0-2 -23S-36E																																					
30-025-09224																	P						9	55	30	W	0000000			9							
																									G	2490930	1341		55	1020809							
002 N-2 -23S-36E																																					
30-025-09225																	P							1805	30	G	2490930	1218		1805	1020809						

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

1 | X | Amended Report

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 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			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.	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					18	301	31	W	2474050				18				
																							301	020809			
002 0-2 -23S-36E																											
30-025-09228										P					88	3271	31	G	2474030	1296			3271	020809			
																							88				
020833 HOBBS K																											
002 M-2 -23S-36E																											
30-025-09226										P																	
																							4822	020809			
020834 MEXICO E																											
001 0-2 -23S-36E																											
30-025-09224										P					8	51	31	W	0000000				8				
																							51	020809			
002 N-2 -23S-36E																											
30-025-09225										P																	
																							1817	020809			
																						</					

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OIL CONSERVATION DIVISION		Instructions on Reverse Side
District I		
P.O. Box 1980, Hobbs, NM 88241-1980		
District II		
P.O. Drawer DD, Artesia, NM 88211-0719	2040 S PACHECO ST	
District III		
1000 Rio Brazos, Aztec, NM 84710	Santa Fe, NM 87505-5472	1 X Amended Report
	OPERATOR'S MONTHLY REPORT	

[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	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.	Days	Point	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						14	281	30	W	2474050			14			
																281	020809	
002	O-2 -23S-36E																	
	30-025-09228	P						40	3567	30	G	2474030	1298		3567	020809		
															40			
020833	HOBBS K																	
002	M-2 -23S-36E																	
	30-025-09226	P							3551	30	G	2474030	1237		3551	020809		
020834	MEXICO E																	
001	O-2 -23S-36E																	
	30-025-09224	P						8	48	30	W	0000000			8			
																48	020809	
002	N-2 -23S-36E																	
	30-025-09225	P							1885	30	G	2490930	1218		1885	020809		

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.	Gas	Prod.	used	3	sition	Gravity	BOM	MCF)	GRID	4	EDM			
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						
											G	2820931	1491				343	020809					
002	0-2 -23S-36E																						
	30-025-09228			P				87	4022	31	G	2474030	1298				4022	020809					
											W	2474050					87						
020833 HOBBS K																							
002	M-2 -23S-36E																						
	30-025-09226			P					4512	31	G	2474030	1237				4512	020809					
020834 MEXICO E																							
001	0-2 -23S-36E																						
	30-025-09224			P					10	61	31	W	0000000				10						
											G	2490930	1440				61	020809					
002	N-2 -23S-36E																						
	30-025-09225			P					2038	31	G	2490930	1218				2038	020809					

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 2/03			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
Well No. & U-L-S-T-R			D			D	of Oil	of	MCF	Days	D	of		or Oil	on	Volume	Trans-	D
API No.			E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-		API	Hand	(Bbls/	porter	E
			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						35	353	28	W	2474050			35			
											G	2820931	1479		353	020809		
002	0-2 -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	0-2 -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		

[illegible]

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

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 1/03			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	Barrels	Barrels					Gas BTU	Oil				Oil
Well No. & U-L-S-T-R			D			D	of Oil/	of	MCF	Days	D	Point	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						730	126	17	W	2474050			730			
													1487		126	020809		
002	0-2 -23S-36E																	
	30-025-09228	P						152	5233	31	G	0000000	1295		5233	020809		
											W	2474050			152			
020833	HOBBS K																	
002	M-2 -23S-36E																	
	30-025-09226	P							4923	31	G	2474030	1114		4923	020809		
020834	MEXICO E																	
001	0-2 -23S-36E																	
	30-025-09224	P						11	64	31	W	0000000			11			
											G	2490930	1564		64	020809		
002	N-2 -23S-36E																	
	30-025-09225	P							2382	31	G	0000000	1218		2382	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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Revised October 17, 1993
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1 ☒ Amended Report

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															
																	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
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.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM
37240 Langlie Mattix 7 Rvrs On Gryn																																
020832 HOBBS L																																
001 P-2 -23S-36E																																
30-025-09227																	P					3166	738	31	W	2474050			3166			
																									G	2820931	1472		738	020809		
002 0-2 -23S-36E																																
30-025-09228																	P					13	386	27	G	0000000	1295		386	020809		
																									W	2474050			13			
020833 HOBBS K																																
002 W-2 -23S-36E																																
30-025-09226																	P					696	2710	31	G	2474030	1114		2710	020809		
																									W	2474050			696			
020834 MEXICO E																																
002 N-2 -23S-36E																																
30-025-09225																	P					389	620	31	G	0000000	1218		620	020809		
																									W	2490950			389			

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 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	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	Isure	2	Prod.	Prod.	Gas	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					152	4383	27	G	0000000	1295			4383	020809		
												W	2474050				152			
020833	HOBBS K																			
002	M-2 -23S-36E																			
	30-025-09226			P						4968	31	G	2474030	1114			4968	020809		
020834	MEXICO E																			
001	0-2 -23S-36E																			
	30-025-09224			P					10	109	31	W	0000000				10			
												G	2490930	1439			109	020809		
002	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

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 11/02									
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																			

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			C					C						C					
Property No. and Name			O			O	Barrels	Barrels		Days	O	Point	Gas BTU	Oil			O	Oil				
Well No. & U-L-S-T-R			D			D	of Oil/	of	MCF				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																						
002 0-2 -23S-36E																						
30-025-09228			P					6	43	19	G	0000000	1295		43	020809						
											W	2474050			6							
020833 HOBBS K																						
002 M-2 -23S-36E																						
30-025-09226			P						2160	23	G	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						

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Revised October 17, 1993

Instructions on Reverse Side

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.

432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 10/02				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.	uced	3	sition	Gravity	BOM	MCF	OGRID	4		

Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

14 9/02
16 Page 1 of 2

[illegible]

I hereby certify that

432 684-4011
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	
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	for 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					12		100	30	G	0000000	1295		100	020809		
											W	2474050			12			
1020834	MEXICO E																	
1001	0-2 -23S-36E																	
	30-025-09224	P					11		85	30	W	0000000			11			
											G	2490930	1553		85	020809		
1002	N-2 -23S-36E																	
	30-025-09225	P							2643	30	G	0000000	1218		2643	020809		

Revised October 17, 1993

Instructions on Reverse Side

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.

432 684-4011
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			
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	EOM		
79240 Jalmat Tansill Yates 7 Rvrs-G																											
020832 HOBBS L																											
002 0-2 -23s-36E																											
30-025-09228										P					13	57	22	G	0000000	1218		57	020809				
020834 MEXICO E																			W	2474050		13					
001 0-2 -23s-36E																											
30-025-09224										P					13	97	31	W	0000000		13						
002 N-2 -23s-36E																			G	2490930	1385		97	020809			
30-025-09225										P							2569	31	G	0000000	1218		2569	020809			
															</												

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

Revised October 17, 1993

Instructions on Reverse Side

1 [X] Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473				4 7/02			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																					6 Page 1 of 1			
																	DISPOSITION OF OIL, GAS, AND WATER							

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

1 | X | Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR											3 OGRID: 006473											4 6/02																					
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																						6 Page 1 of 1																					
											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			O	Point	Gas BTU	Oil				O	Oil																
Well No. & U-L-S-T-R											D				D	of Oil/		MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on																
API No.											E	Pres-	E	Cond.	Water	Prod.	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																	
37240 Langlie Mattix 7 Rvrs Qn Gryb																																											
020834 MEXICO E																																											
002 N-2 -23S-36E																																											
30-025-09225											P					715	644	30	G	0000000	1296		18	020809																			
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79240 Jalmat Tansill Yates 7 Rvrs-G																																											
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30-025-09224											P					26		30	W	0000000			26																				
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30-025-09225											P						2501	30	G	0000000	1296		71	020809																			
																			G	2490930	1198		2430	020809																			

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

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																	13 OGRID: 006473				14 4/02			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																					16 Page 1 of 1			

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	Date	432 684-4011	Phone Number
	Printed Name & Title					

1 |X| 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						
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. 3 sition 4 EOM																										
37240 Langlie Mattix 7 Rvrs On Gryb																										
020834 MEXICO E																										
002 N-2 -23S-36E																										
30-025-09225																										
P																										
442 202 23 6 2490930 1198																										
W 2490950																										
79240 Jalmat Tansill Yates 7 Rvrs-G																										
020834 MEXICO E																										
002 N-2 -23S-36E																										
30-025-09225																										
P																										
785 23 6 2490930 1198																										
785 020809																										

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

432 684-4011
Phone Number

Mexico "E" Com No. 2
(Hobbs "K" No. 1)

N-2-23S-36E

District I
1635 N. French Drive, Hobbs, NM 88240

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

District III
1000 Rio Grande 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 2 N-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20834 API No. 30-025-09225 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmat (T-Y-7R)		Langlie Matix (7R-Qn)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3023' - 3434' (31 Holes)		3500' - 3578' (8 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)	03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')		03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.264 MMBTU/MCF		1.264 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: 80.3 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 20.7 MCFPD Oil: 0 BPD Water: 10 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 % 79.5 %	Oil Gas % %	Oil Gas 0.0 % 20.5 %

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

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 30-025-09225	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20834	Property Name Mexico "E" Com	Well Number 2
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' 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
N	2	23S	36E		660'	South	1980'	West	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>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	
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>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	
	11-23S-36E			

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 30-025-09225		Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20834	Property Name Mexico "E" Com		Well Number 2
OGRID No. 6473	Operator Name Doyle Hartman		Elevation 3457' RKB

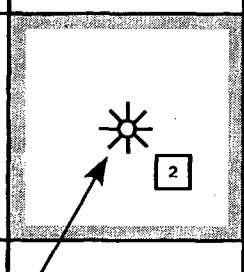
Surface Location

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

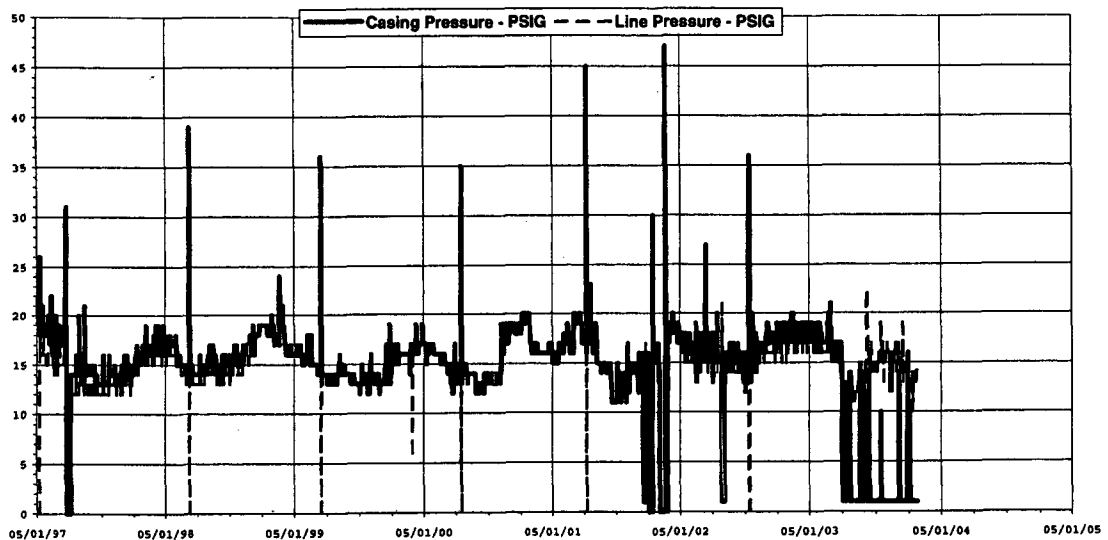
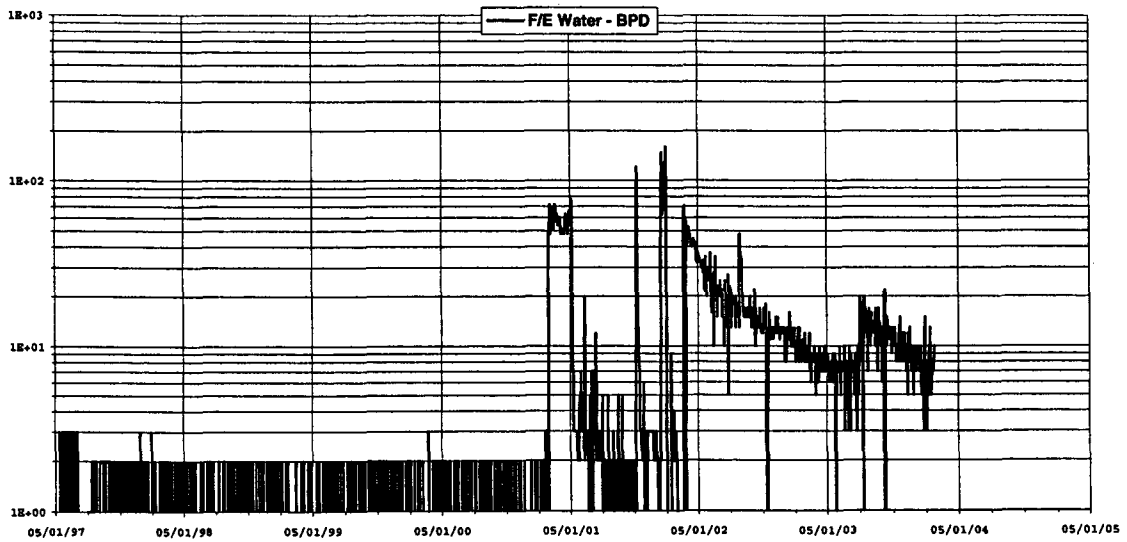
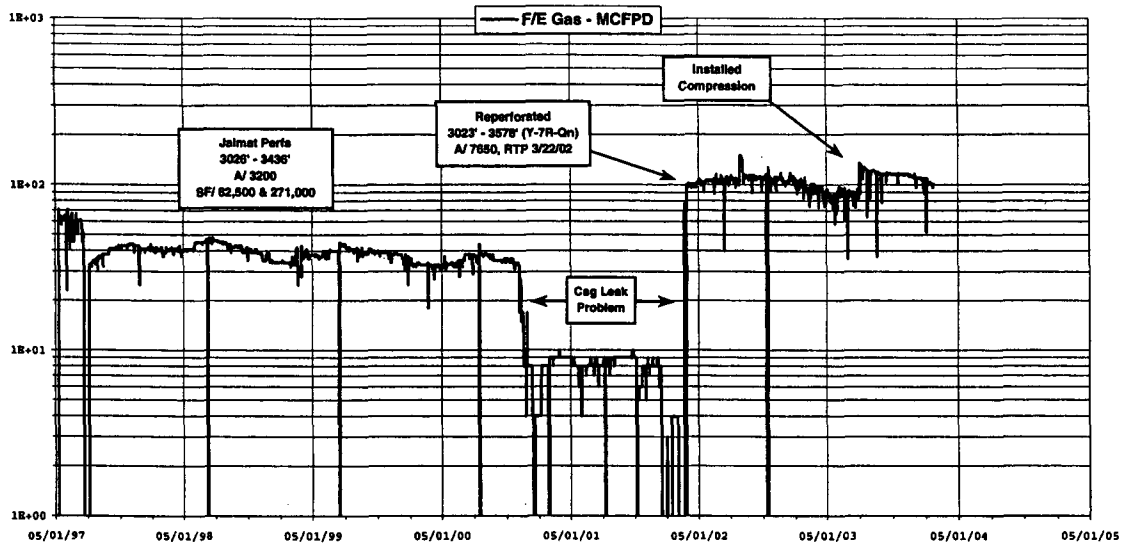
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
Dedicated Acres 160	Joint or Infill N	Consolidation Code		Order No.					

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

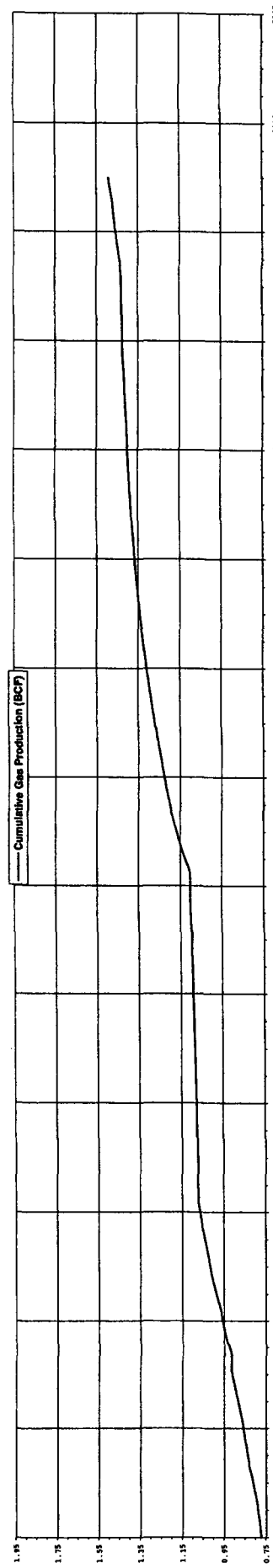
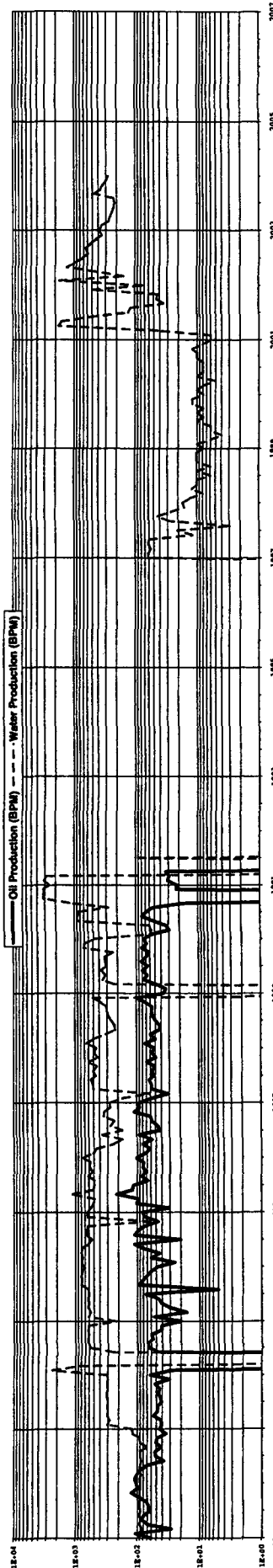
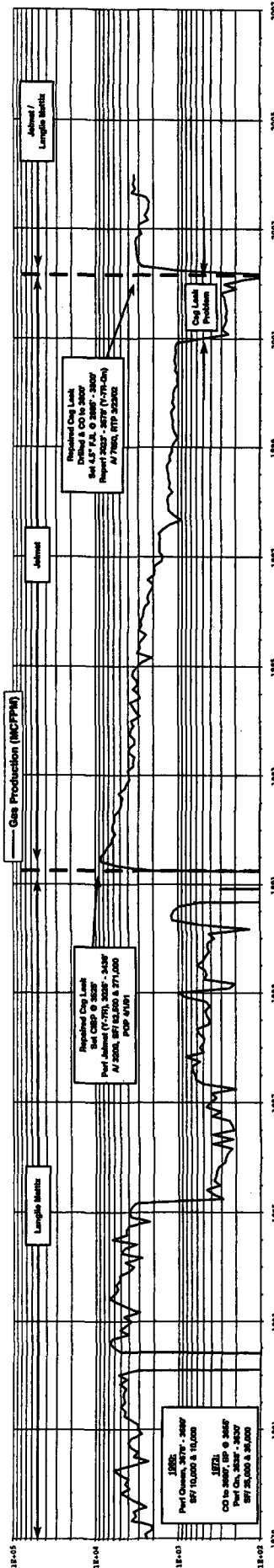
16	02-23S-36E		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on 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	
Existing Jalmat/LM (Gas) Well Mexico "E" Com No. 2 660' FSL & 1980' FWL (N) Section 2, T-23-S, R-36-E			
11-23S-36E			

DIVIDER PAGE

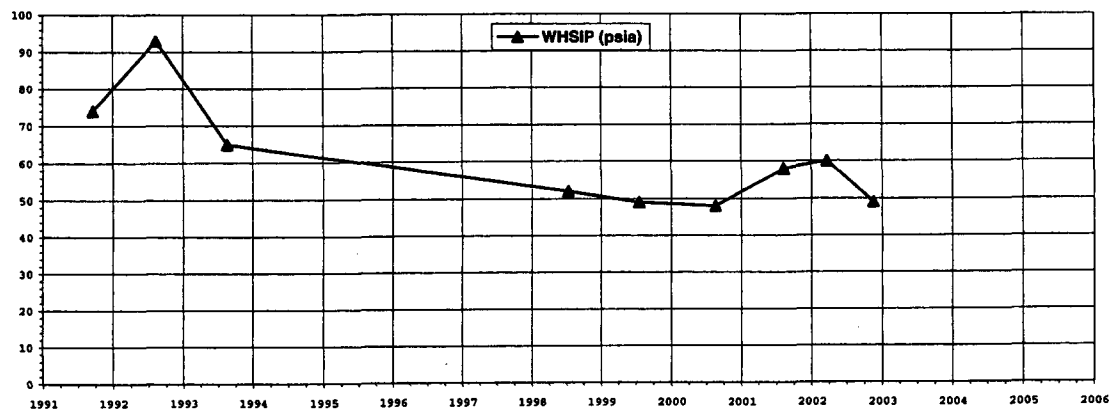
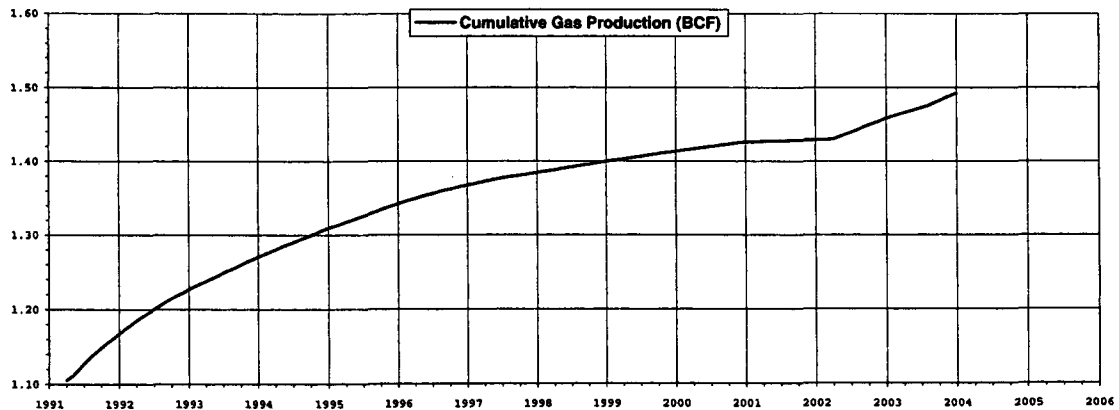
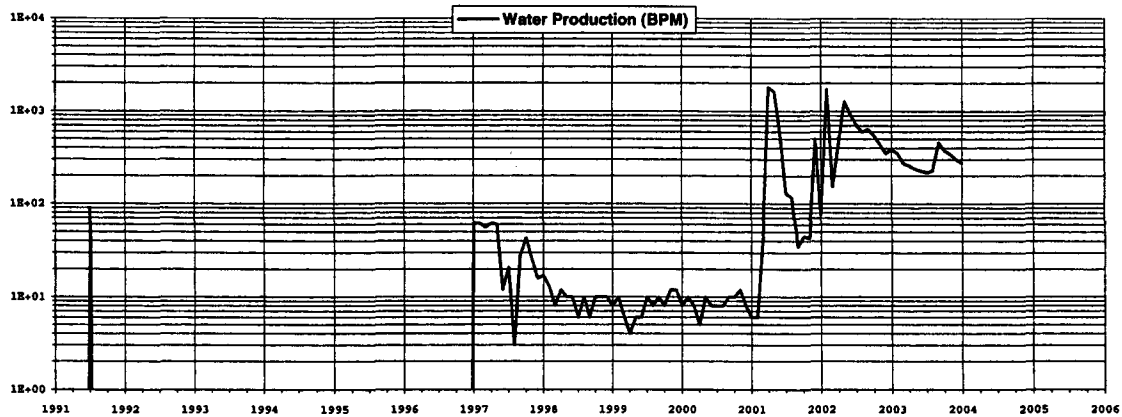
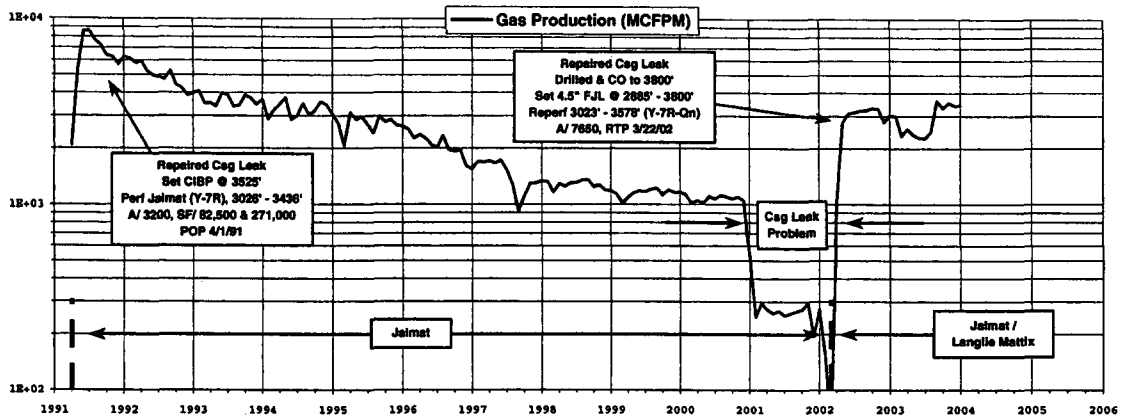
Mexico "E" Com #2
 Jalmat / Langlie Mattix
 N-2-23S-36E
 Doyle Hartman



Mexico E Com #2 (Hobbs K #1)
 Jaime / Langley Matlis
 N-2-235-36E
 Doyle Hartman



Mexico E Com #2
Jalmat / Langlie Mattix
N-02-23S-36E
Doyle Hartman



DIVIDER PAGE

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 (%)
101	2.6	39	80.3	79.5

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 (%)
101	2.6	39	20.7	20.5

DIVIDER PAGE

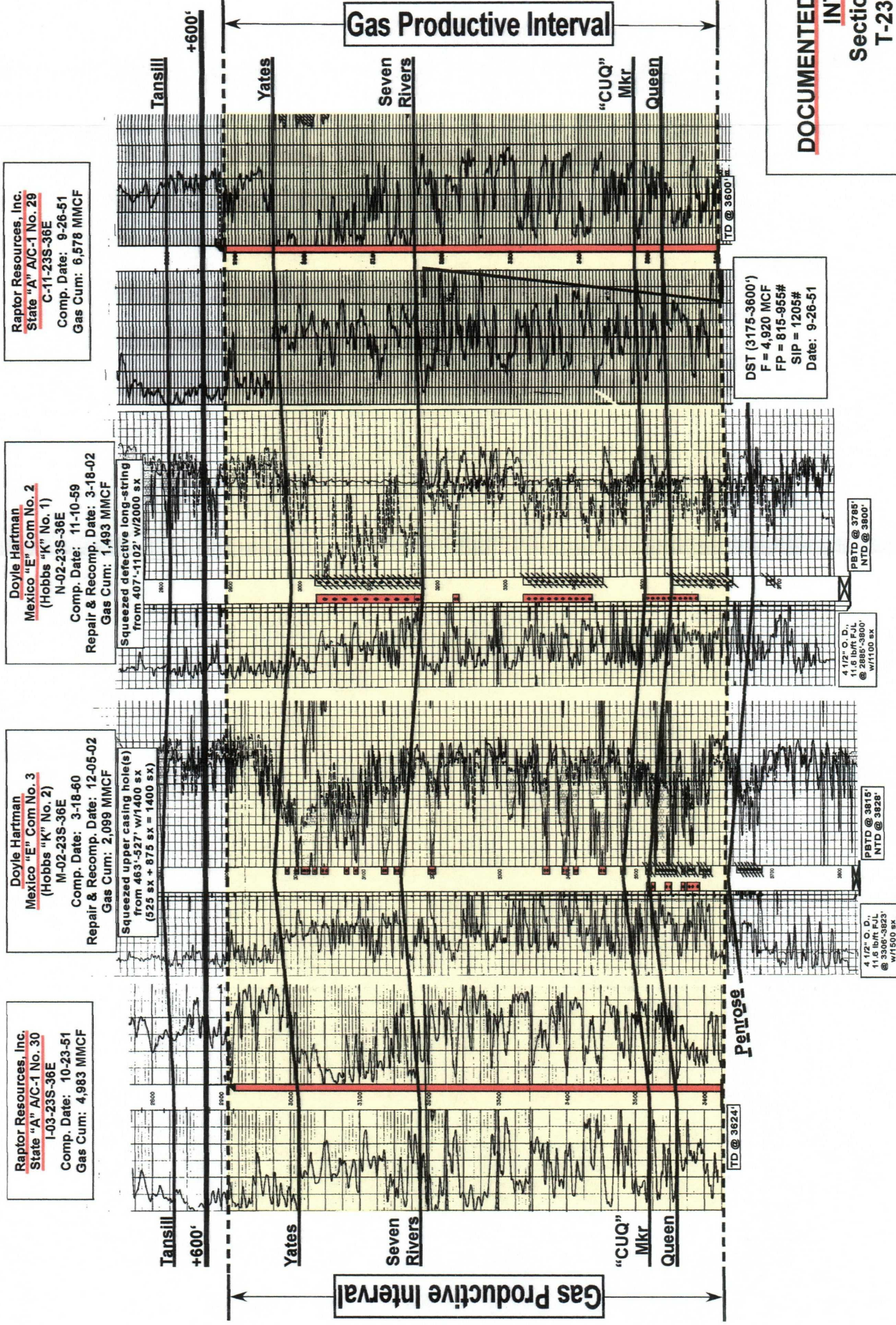
NORTH

B

Structural Cross-Section

SOUTH

B'



DOCUMENTED GAS PRODUCTIVE INTERVAL

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

Lea County, New Mexico

DIVIDER PAGE

West
C

Structural Cross-Section

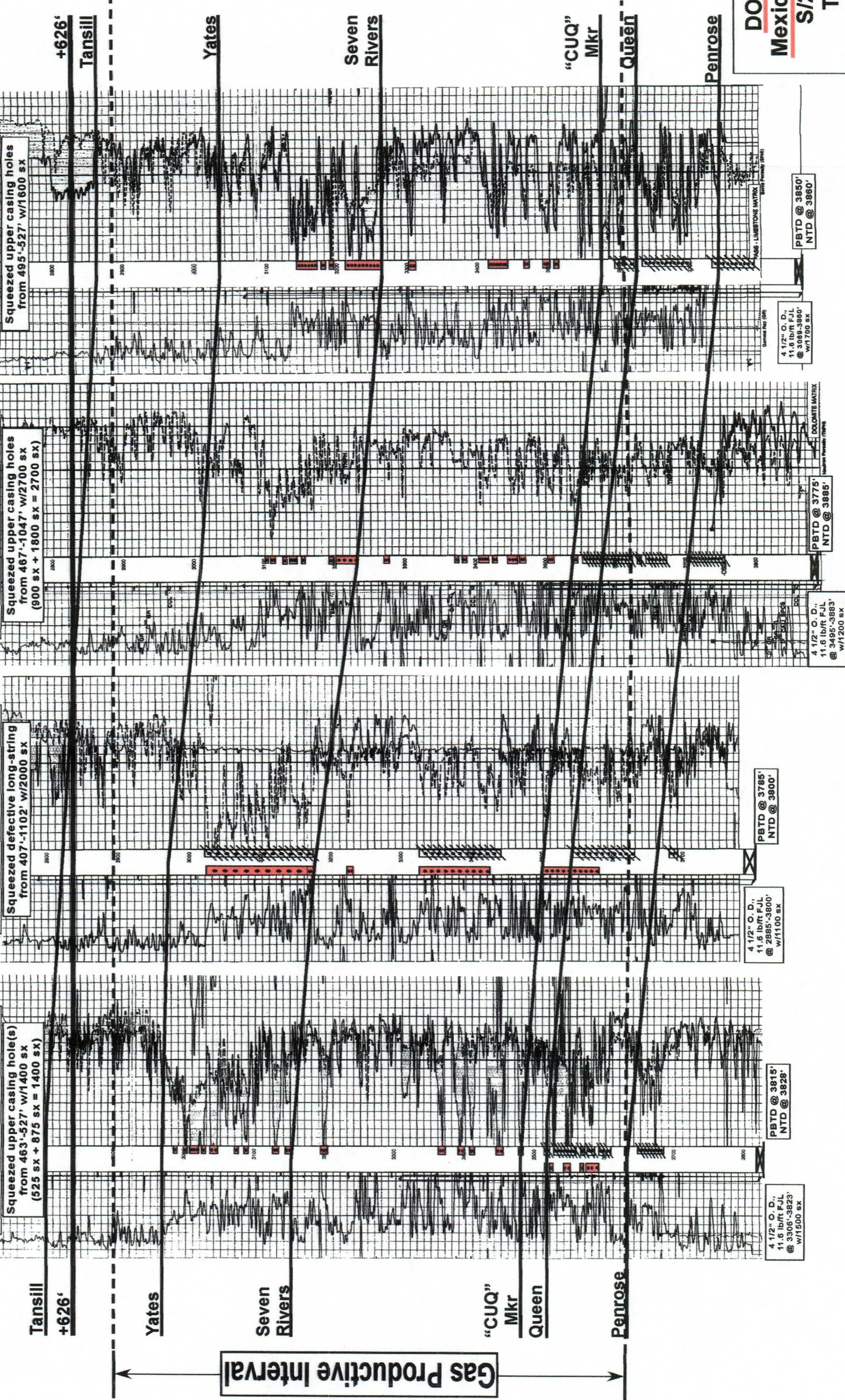
East
C

Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recom. 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 & Recom. Date: 3-18-02
Gas Cum: 1,493 MMCF

Doyle Hartman
Mexico "E" Com No. 5
(Hobbs "L" No. 2)
O-02-23S-36E
Comp. Date: 12-17-59
Repair & Recom. Date: 12-04-02
Gas Cum: 2,278 MMCF

Doyle Hartman
Mexico "E" Com No. 4
(Hobbs "L" No. 1)
P-02-23S-36E
Comp. Date: 12-02-59
Repair & Recom. Date: 8-01-03
Gas Cum: 14 MMCF



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 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 2 N-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20834 API No. 30-025-09225 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)	3023' - 3434' (31 Holes)		3500' - 3578' (8 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)	03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')		03/21/2002: WHSIP = 47 psig All Zones (3023' - 3578')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.264 MMBTU/MCF		1.264 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: 80.3 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 20.7 MCFPD Oil: 0 BPD Water: 10 BPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or exploration will be required.)	Oil Gas 0.0 % 79.5 %	Oil Gas % %	Oil Gas 0.0 % 20.5 %

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

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 30-025-09225	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20834	Property Name Mexico "E" Com	Well Number 2
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' RKB

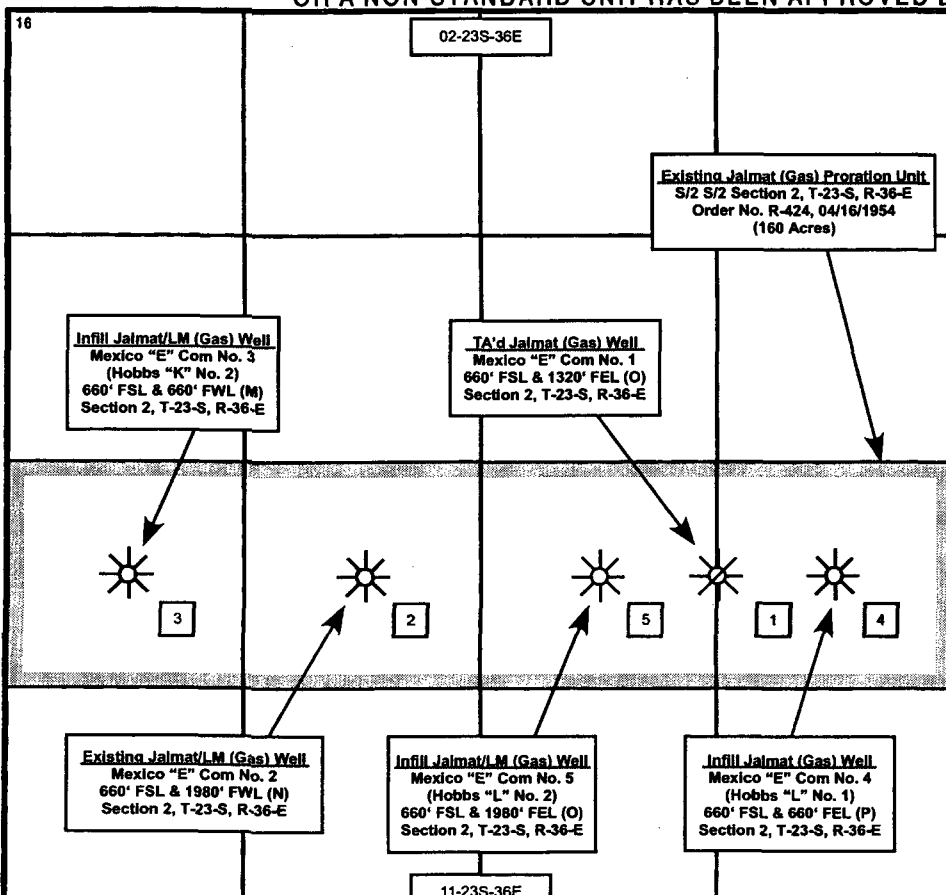
Surface Location

UL or lot no. N	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West Line West	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 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	
11-23S-36E			

District I
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09225	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20834	Property Name Mexico "E" Corn	Well Number 2
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3457' RKB

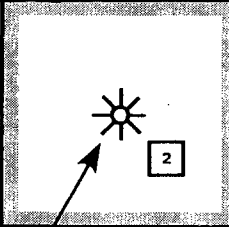
10. Surface Location

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

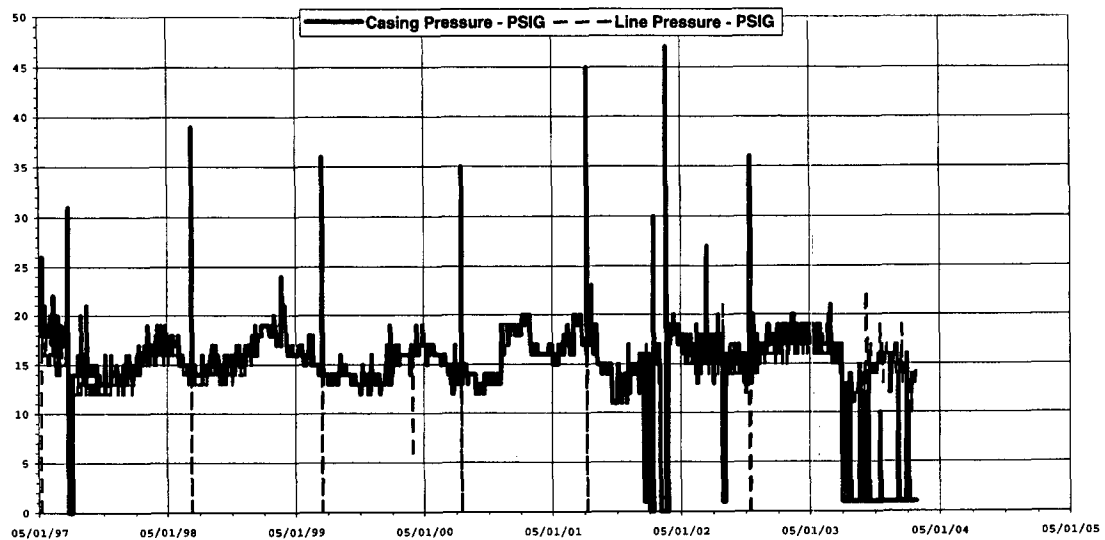
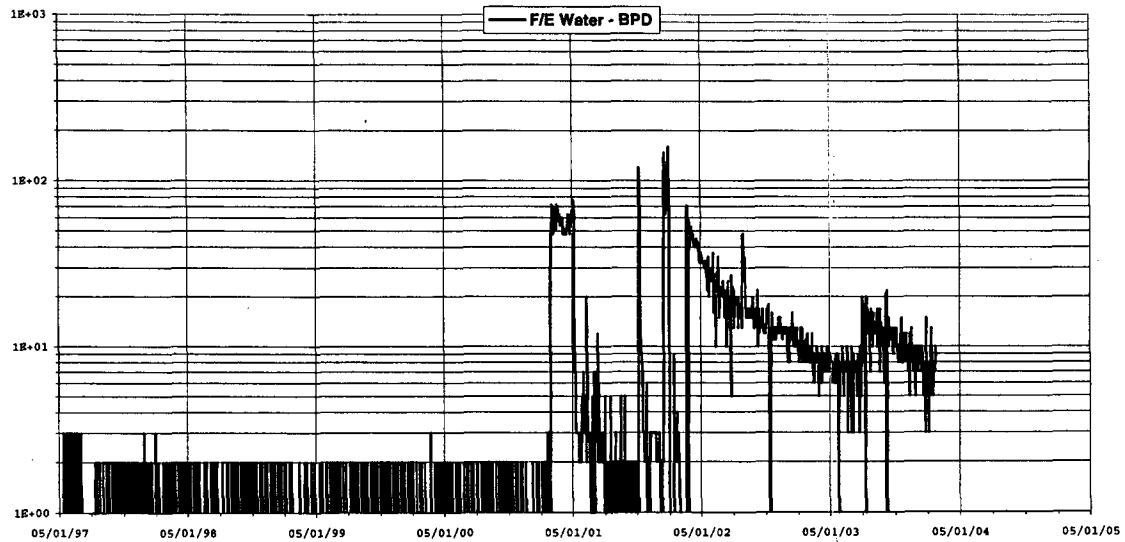
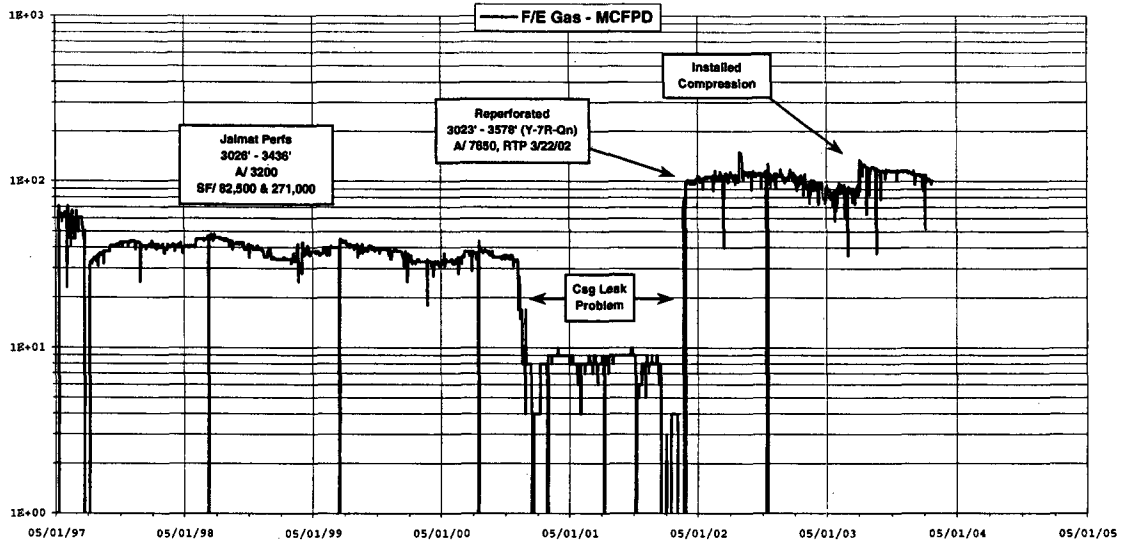
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E		17 OPERATOR CERTIFICATION I 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 Surveyor: _____ Certificate Number _____
	11-23S-36E		

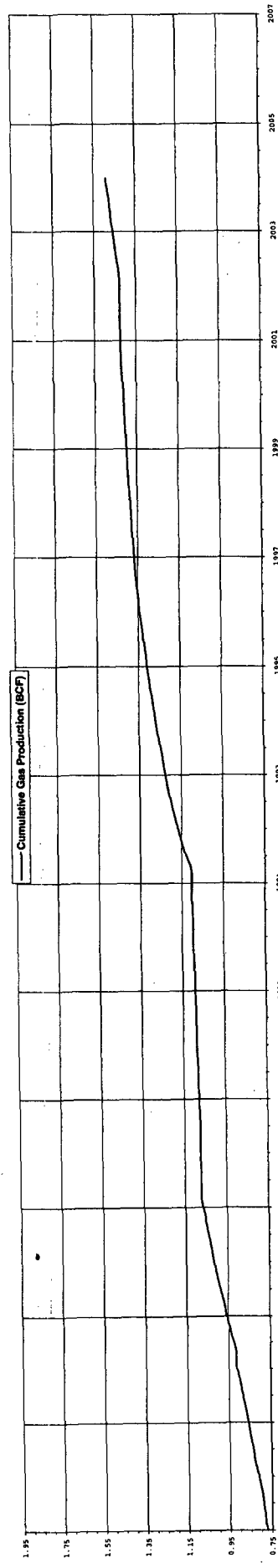
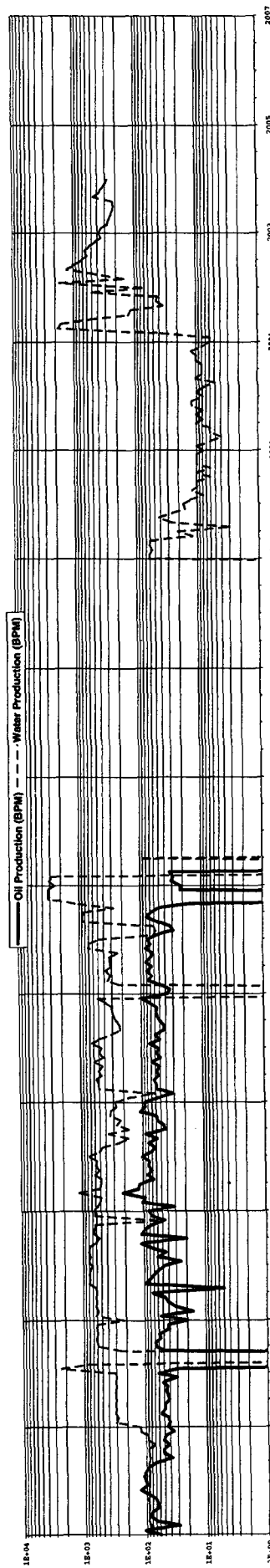
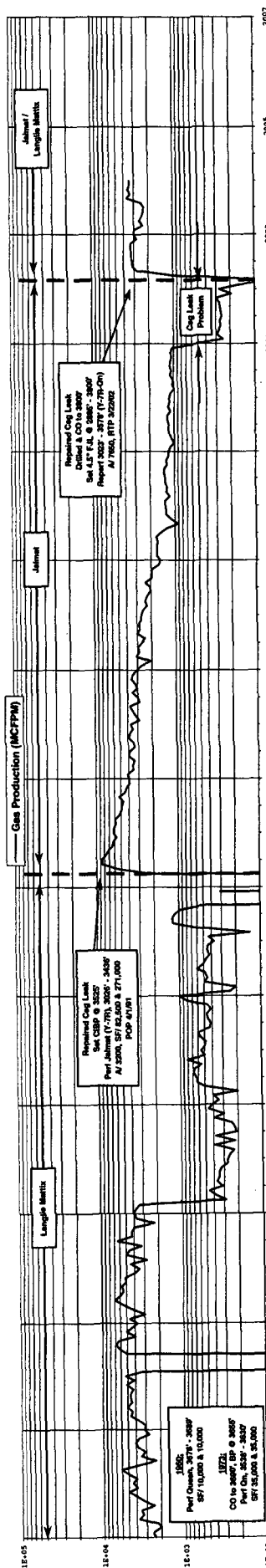
Existing Jalmat/LM (Gas) Well
Mexico "E" Com No. 2
660' FSL & 1980' FWL (N)
Section 2, T-23-S, R-36-E

DIVIDER PAGE

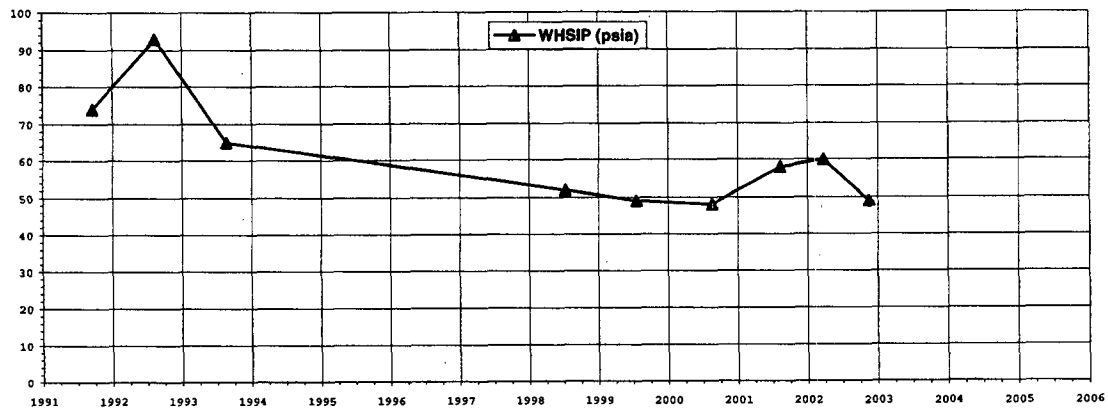
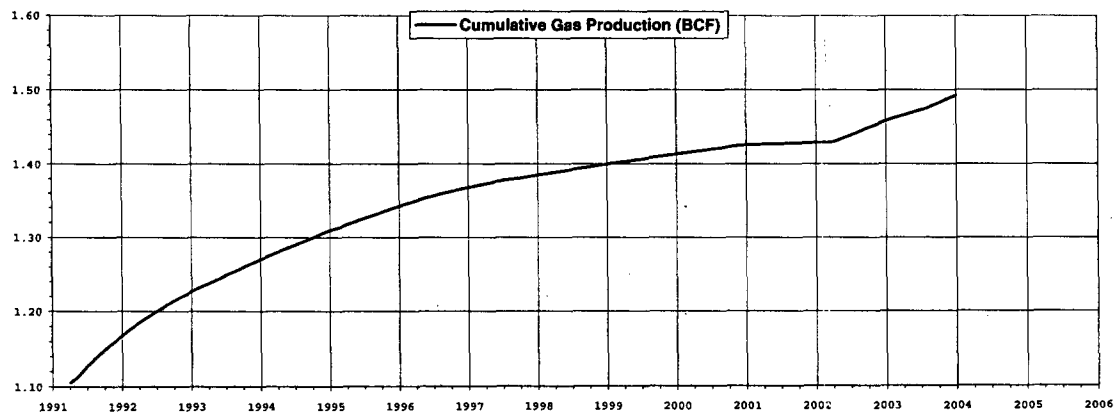
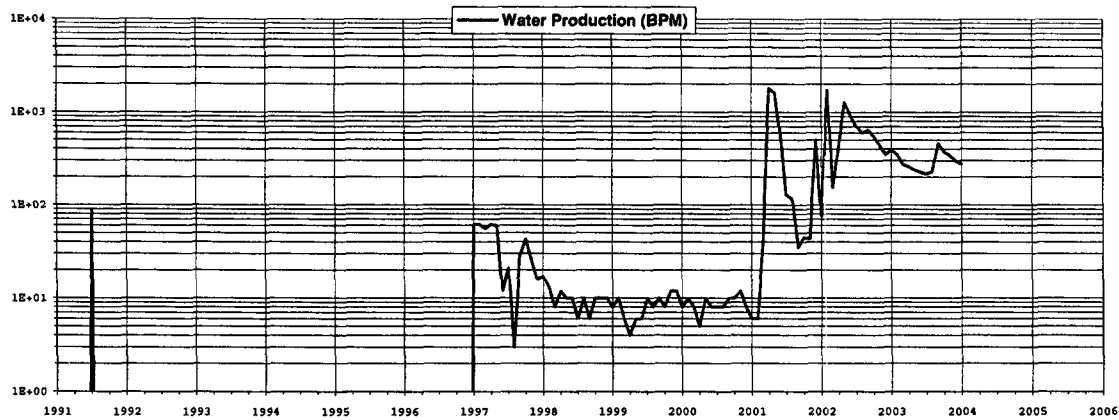
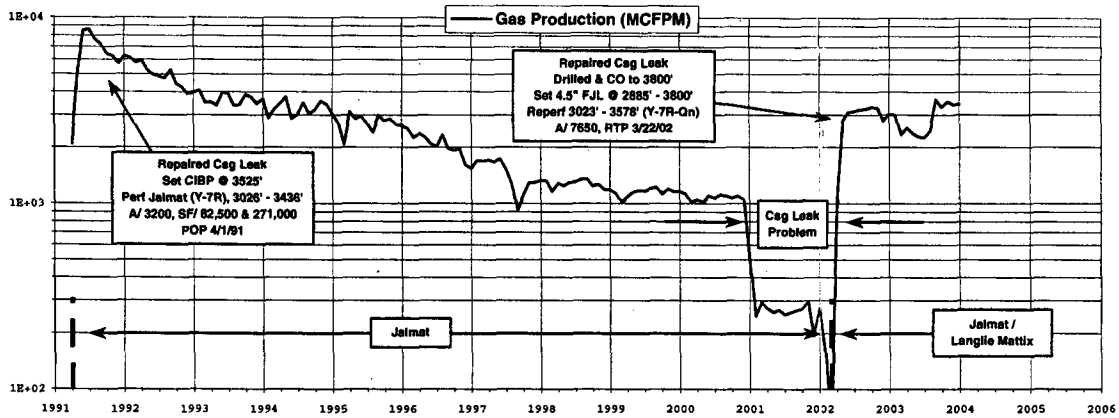
Mexico "E" Com #2
 Jalmat / Langlie Mattix
 N-2-23S-36E
 Doyle Hartman



Mexico E Com #2 (Hobbs K #1)
Jalmat / Langgie Matric
N-2-235-36E
Doyle Hartman



Mexico E Com #2
Jalmat / Langlie Mattix
N-02-23S-36E
Doyle Hartman



DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 2
Jalmat (3023' - 3434', 31 Holes) / Langlie Mattix (3500' - 3578', 8 Holes)
N-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 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
101	39	80.3	79.5

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
101	39	20.7	20.5

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

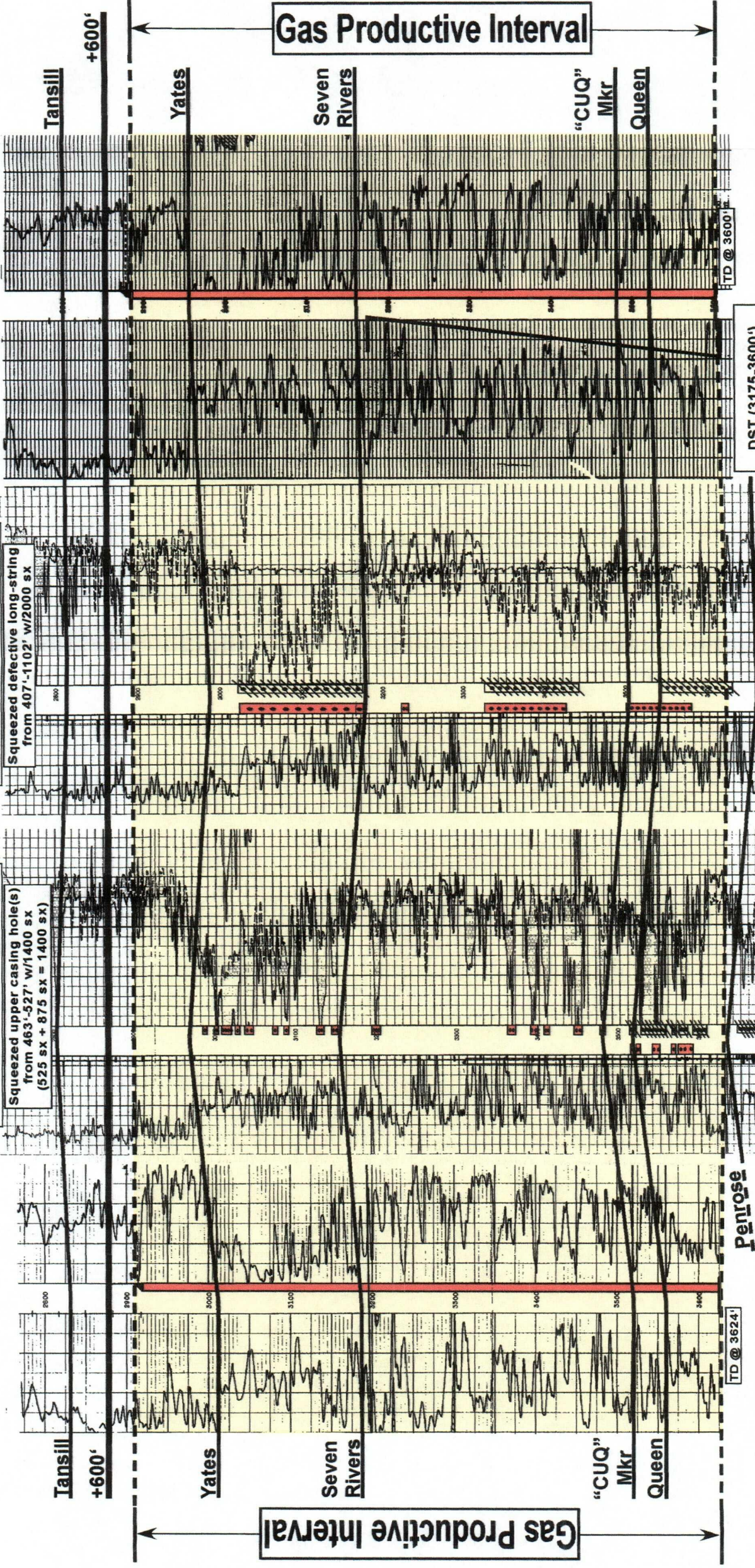
B'

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 & Recom. 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 & Recom. 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

DOCUMENTED GAS PRODUCTIVE INTERVAL

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

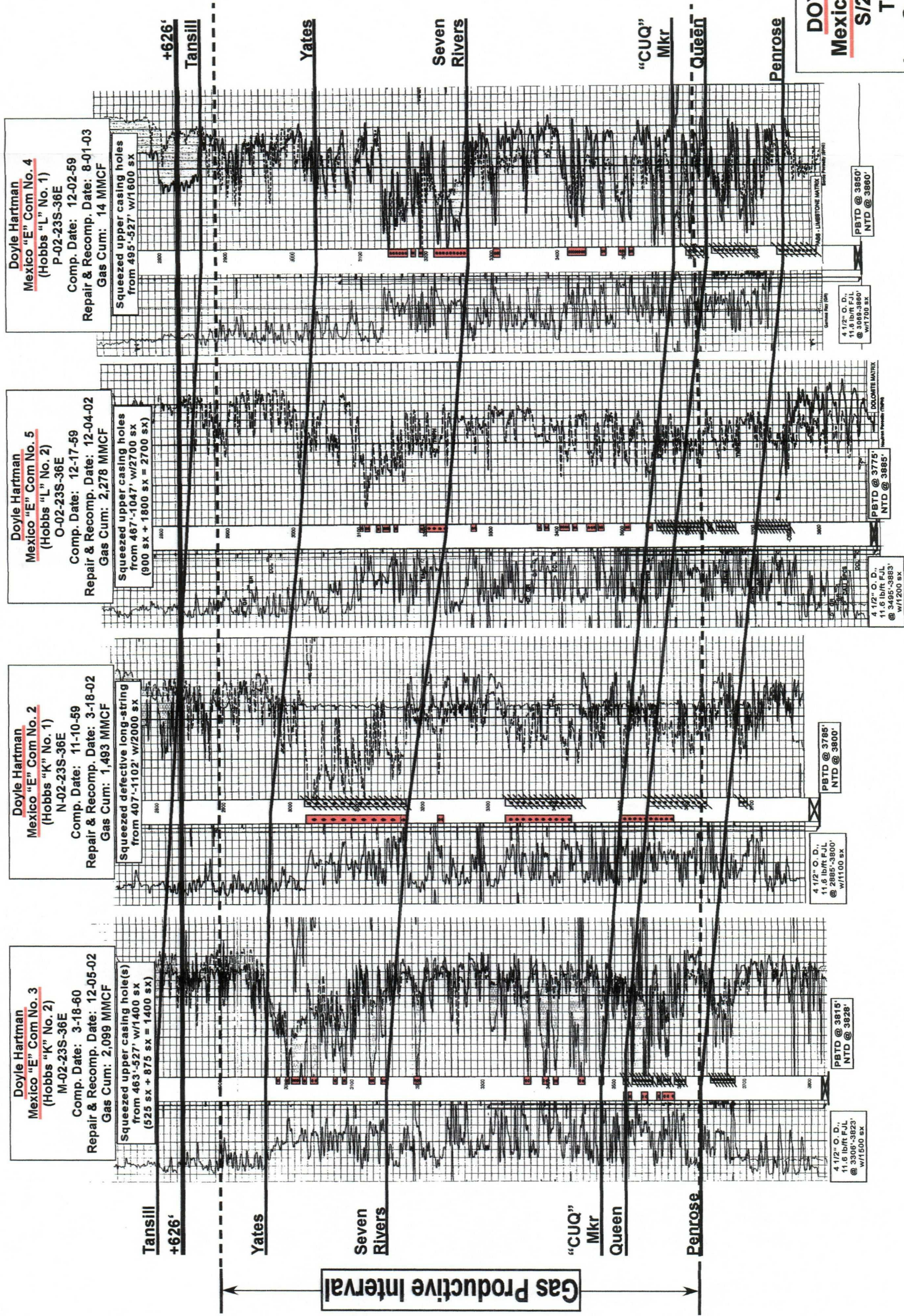
Lea County, New Mexico

DIVIDER PAGE

West
C

Structural Cross-Section

East
C



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