

**Mexico “E” Com No. 3
(Hobbs “K” No. 2)**

M-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 30-025-09226	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20833	Property Name Mexico "E" Com	Well Number 3 *
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3461' 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
M	2	23S	36E		660'	South	660'	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	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
<td>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</td>	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number	

* Formerly Hobbs "K" No. 2

DIVIDER PAGE

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

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

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

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.	30-025-09226
Indicate Type of Lease	STATE ☒ FEE ☐
State Oil & Gas Lease No.	B-1327
Lease Name or Unit Agreement Name	Mexico "E" Com (Formerly Hobbs "K" No. 2)
Well No.	3
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 M : 660' Feet From The South Line and 660' Feet From The West Line Section 2 Township 23S Range 36E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3461' RKB	

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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.

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 Steve Hartman 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:

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NMOCD Form C-103 dated March 22, 2004
Doyle Hartman
Mexico "E" Com No. 3
(Formerly Hobbs "K" No. 2)
M-2-23S-36E
API No. 30-025-09226

Details of Completed Wellbore Repair and Reserve Enhancement Operations

On 10-14-02, 5 1/2" CP = 17 psi and 8 5/8" CP= 0 psi. Moved in well service unit. Pulled and laid down rods and pump. Laid down old 2 3/8" O.D. tubing string.

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set 5 1/2" Model "C" RBP at 3490'. Set 5 1/2" Model "C" packer at 3458'. Tested 5 1/2" Model "C" RBP to 2500 psi. Tested okay.

Pressure tested 5 1/2" O.D. casing, from surface to 3490'. Pumped into well at 3 BPM, at 500 psi. Observed blow on 8 5/8" O.D. casing. Located defective 5 1/2" O.D. casing, between 463' and 527'. Circulated 30 bbls of water down 5 1/2" O.D. casing and back up 8 5/8" x 5 1/2" casing annulus. Pulled and laid down 2 7/8" O.D. work string. Poured 4 sx of frac sand on top of 5 1/2" Model "C" RBP.

Moved off well service unit. Moved off American C-57D pumping unit. Moved in trackhoe. Dug out around well. Found holes in 8 5/8" O.D. casing, from surface down to a depth of 6.5'.

Replaced upper 5.8' of 5 1/2" O.D. casing and upper 7' of 8 5/8" O.D. casing. Sealed 8 5/8" x 5 1/2" casing annulus with 8 5/8" x 5 1/2" x 1/2" welded steel seal ring. Installed high-pressure 2" threaded tap on side of 8 5/8" O.D. casing. Wrapped exposed casing and piping with corrosion-resistant tape. Installed 52" O.D. x 8' corrugated steel cellar can. Backfilled around cellar can.

Installed Halliburton 5 1/2" cementing head. Established injection down 5 1/2" O.D. casing, at a rate of 5 BPM, at 950 psi. Mixed and pumped 525 sx of API Class "C" cement containing 3% CaCl₂, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele, at an average pump rate of 6 BPM, and average pump pressure of 800 psi. Obtained cement returns back to surface after pumping 60 bbls (255 sx) of cement slurry. Shut 8 5/8" x 5 1/2" annulus valve. Squeezed away remaining 66 bbls (280 sx) of slurry. After closing 8 5/8" x 5 1/2" annulus valve, observed cement slowly rising into bottom of cellar can, on outside of 8 5/8" O.D. casing. Displaced cement with 9.8 bbls of water.

Ran 2 7/8" tubing and 178.19' bottom-hole drilling assembly. Tagged top of cement at 387'. Drilled cement from 387' to 521'. Fell out of cement at 521'. Circulated hole clean. Pulled 178.19' bottom-hole drilling assembly.

Ran 5 1/2" casing scraper to 601'. Pulled 5 1/2" casing scraper.

Ran 2 7/8" O.D. work string. Circulated sand off of 5 1/2" Model "C" packer. Unloaded water from hole, to blowdown tank. Blew hole dry. Recovered 5 1/2" Model "C" RBP.

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M-2-23S-36E
API No. 30-025-09226

Ran 532.58' bottom-hole drilling and cleanout assembly. Cleaned out wellbore to 3700'. Drilled 4 3/4" hole to 3710'. Circulated hole clean and dry. Tripped out of hole.

Installed 4 3/4" button bit. Tripped into hole with 532.58' bottom-hole drilling assembly. Drilled 4 3/4" hole to 3828'. Encountered increased water influx at 3822'. Circulated hole clean. Pulled 532.58' bottom-hole drilling assembly.

Ran 198.05' string-mill assembly to 3828'. Circulated hole clean. Pulled string-mill assembly.

Rigged up Schlumberger. Logged well with SAS-CNL-GR-CCL log and VDCBL-GR-CCL log. Found good cement placement, from surface to 520'.

Re-ran 198.05' string-mill assembly. Rotated 4 3/4" string-mill assembly, from 3700' to 3828'. Pulled string-mill assembly.

Ran and set 4 1/2" O.D., 11.6 lb/ft, J-55, FJ liner, from 3306' to 3823'. Ran and set 5 1/2" Model "C" packer at 3168'. Squeezed 4 1/2" O.D. flush-joint liner into place utilizing a total of 2000 cu. ft. (1500 sx) of cement slurry, consisting of 700 sx of API Class "C" cement containing 2.5% CaCl₂, followed by 700 sx of API Class "C" cement containing 2.5% CaCl₂, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 100 sx of API Class "C" neat cement. Mixed and pumped cement at an average pump rate of 10 BPM, and average pump pressure of 4000 psi.

Displaced cement with 19.6 bbls of water, in 6 stages. Final displacement pressure, on 6th stage, was 3789 psi. Pulled 5 1/2" Model "C" packer.

Installed Halliburton 5 1/2" cementing head. Re-squeezed casing hole (at approximately 520') with 1150 cu. ft. (875 sx) of cement slurry, consisting of 700 sx of API Class "C" cement containing 3% CaCl₂, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 175 sx of API Class "C" cement containing 2.5% CaCl₂, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele. Mixed and pumped cement at an average pump rate of 7 BPM and average pump pressure of 1550 psi. Displaced cement with 9.8 bbls of water. 10-min SIP = 1190 psi. 15-min SIP = 1188 psi. Filled cellar can with cement.

Ran work string equipped with 178.76' bottom-hole drilling assembly. Tagged top of cement at 386'. Drilled cement from 386' to 568'. Fell through hard cement at 526'. Circulated hole clean.

Lowered work string. Tagged cement at 3161'. Drilled cement from 3161' to top of 4 1/2" O.D. FJL, at 3306'. Circulated hole clean. Pulled and laid down 2 7/8" O.D. work string and large-bore bottom-hole drilling assembly.

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Ran 2 3/8" O.D. tubing and 176.78' small-bore bottom-hole drilling assembly consisting of 3 7/8" blade bit and (6) 3 1/2" O.D. drill collars. Drilled cement from 3306' to 3815'. Circulated hole clean.

Pulled and laid down small-bore bottom-hole drilling assembly.

Picked up and ran 4 7/8" bit and 5 1/2" casing scraper, to 3306' (top of 4 1/2" O.D. liner). Pulled 5 1/2" casing scraper and 4 7/8" bit.

Ran 3 7/8" bit and 4 1/2" casing scraper to 3815'. Circulated hole clean. Pulled 4 1/2" casing scraper and 3 7/8" bit.

Ran and set 5 1/2" Model "C" packer, at 3000'. Tested wellbore, from 3000' to 3815', to 3000 psi, for 20 minutes. Pressure held okay. Pulled 5 1/2" Model "C" packer.

Ran 2 3/8" O.D. tubing to 3604'. Hooked up air unit. Unloaded water from hole, to blowdown tank. Pulled 2 3/8" O.D. tubing.

Select-fire perforated lower portion of Y-7R-Qn gas interval with (12) 0.38" x 17" holes, with one shot each at:

3446	3479	3542	3578
3450	3526	3549	3581
3477	3533	3567	3589

Ran 4 1/2" Model "C" packer to 3610'. Pumped 100 gal of 15% MCA acid down tubing, followed by 0.5 bbls of 2% KCl water. Allowed acid to fall and equalize.

Raised and set 4 1/2" Model "C" packer at 3398'. Pumped 200 gal of 15% MCA acid down tubing. Let acid soak for 15 minutes. Acidized perms, from 3446' to 3589' (12 holes), with an additional 1638 gal (total of 1938 gal) of 15% MCA acid and 17 ball sealers, an average treating rate of 3.8 BPM and average treating pressure of 2030 psi. Maximum treating pressure = 3000 psi (at balloff, on 12th ball). Balls would not surge off.

Pumped 20 bbls of 2% KCl water down casing. Released packer. Lowered packer and knocked off balls. Pulled 2 3/8" O.D. tubing and 4 1/2" Model "C" packer.

Select-fire perforated middle portion of Y-7R-Qn gas interval, from 3363' to 3410', with (6) 0.38"

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x 17" holes, with one shot each at:

3363	3395
3366	3408
3391	3410

Ran and set 4 1/2" Model "C" packer at 3332'. Acidized perfs, from 3363' to 3589', with 400 gal of 15% MCA acid and 13 ball sealers, followed by 1100 gal of 15% MCA acid and 8 ball sealers, at an average treating rate of 4 BPM and average treating pressure of 600 psi. Final treating pressure = 1220 psi (on 21st ball).

Pumped 3 bbls of 2% KCl water down 5 1/2" O.D. casing. Released 4 1/2" Model "C" packer. Pulled and laid down 4 1/2" Model "C" packer.

Select-fire perforated upper portion of Y-7R-Qn gas interval, from 2985' to 3199', with (16) 0.45" x 23" holes, with one shot each at:

2985	3019	3086	3199
3000	3025	3128	
3009	3038	3131	
3013	3043	3147	
3016	3071	3197	

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set 5 1/2" Model "C" RBP at 3225'. Raised 5 1/2" Model "C" packer to 3220'. Pumped 400 gal of 15% MCA acid down tubing, followed by 0.5 bbls of 2% KCl water. Allowed acid to fall and equalize.

Raised and set 5 1/2" Model "C" packer at 2946'. Pumped 200 gal of 15% MCA acid down tubing. Let acid soak for 15 minutes.

Acidized perfs from 2985' to 3199' (16 holes), with an additional 2200 gal (total of 2800 gal) of 15% MCA acid and 22 ball sealers, at an average treating rate of 5.0 BPM and average treating pressure of 1761 psi. Flushed acid with 18 bbls of 2% KCl water. Maximum treating pressure = 2922 psi (at ballout, on 22nd ball). Final displacement rate = 3.7 BPM, at 2587 psi. ISIP = 1204 psi. 1-min SIP = 0 psi. Pulled and laid down 5 1/2" Model "C" packer and 5 1/2" Model "C" RBP.

Ran 4 1/2" Model "C" RBP and 4 1/2" Model "C" packer. Set 4 1/2" Model "C" RBP at 3420'. Raised and set 4 1/2" Model "C" packer at 3332'. Tested middle perfs, from 3363' to 3410' (6 holes),

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by pumping 4 bbls of 2% KCl water, followed by an additional 5 bbls of 2% KCl water and 10 ball sealers. Balled off with 6 balls on 6 holes.

Lowered 4 1/2" Model "C" packer and knocked off balls. Reset 4 1/2" Model "C" packer at 3332'. Pumped away remaining 200 gal of 15% MCA acid. Flushed acid with 14 bbls of 2% KCl water. Pulled and laid down 4 1/2" Model "C" packer.

Ran 2 3/8" O.D. tubing. Landed bottom of 2 3/8" O.D. tubing at 3745' RKB (112 jts @ 33.2'/jt + 1.1'SN + 18'MA - 3'AGL + 10'KBC = 3744.5'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string. Commenced pumping and cleaning up well at 6:15 P.M., 10-31-02, at 8.3 Spm x 64" x 1 1/4". 13.75-hr SICP = 68 psig. Max SICP = 75 psig (after 5.75-hr shutin). Opened 5 1/2" O.D. casing through orifice tester.

Shut in 5 1/2" O.D. casing, on 11-3-02. 15.5-hr SICP = 43.5 psig.

Pulled rods and pump. Pulled 2 3/8" O.D. tubing. Ran 3 1/2" O.D., 9.3 lb/ft, N-80 frac string and 5 1/2" PLS full-bore frac packer. While running into hole, tested frac string to 7500 psi. Set 5 1/2" PLS full-bore frac packer at 2952'. Shut in well for pressure buildup. 16.25-hr SICP = 45 psig.

Rigged up Halliburton, on 11-5-02. Performed CO₂ foam frac down 3 1/2" O.D. frac tubing, with 217,152 gal of gelled water and CO₂ (52.2% CO₂) and 500,000 lb of frac sand (10% 20/40, 15% 10/20, 75% 8/16). ATR = 40.4 BPM. ATP = 2780 psi.

ISIP =	621 psig
5-min SIP =	604 psig
10-min SIP =	588 psig
15-min SIP =	573 psig

Left well shut in for 80 minutes, before opening well to blowdown tank. Cleaned well up to blowdown tank for 17.5 hours.

Killed well, by pumping 15 bbls of 2% KCl water down 5 1/2" O.D. casing and releasing packer. Pulled and laid down 3 1/2" O.D frac string and 5 1/2" PLS treating packer.

Ran 2 3/8" O.D. tubing (equipped with 1.1'SN and 18'MA) to 3073'. Circulated hole with air. Observed no fluid returns.

Lowered tubing. Tagged top of frac sand at 3249'. Hooked up air and foam unit. Commenced

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pumping foam and cleaning out frac sand. Added second air unit. Cleaned out wellbore to PBTD of 3815'. Circulated hole clean and dry. Pulled 23 jts of tubing.

Flowed well up backside, to blowdown tank, for 10 hrs. FCP = 9 psig and FTP = 52 psig, at 8:00 A.M., 11-7-02.

Lowered tubing. Tagged frac sand at 3807' (8' of fill). Cleaned out fill. Circulated with foam and air for an additional 70 minutes.

Made 16-joint short trip. Observed no additional sand fill.

Raised and landed bottom of 2 3/8" O.D. tubing string at 3711' RKB (111 jts @ 33.2'/jt + 1.1'SN + 18'MA - 3'AGL + 10'KBC = 3711.3'). Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string. While running rods and pump, 1-hr SICP = 64.8 psig. Commenced pumping and cleaning up well, at 3:00 P.M., CST, 11-7-02. Left well shut in overnight. 18-hr SICP = 61 psig. Opened casing through orifice tester.

On 12-5-02, tested well at a rate of 262 MCFPD + 21 BWPD. Choke = 42/128. FCP = 33.6 psig. LP = 14.8 psig.

Total wellbore repair and reserve enhancement cost = \$525,888.

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Mexico "E" Com No. 3
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. 3 well, on 10-23-02, after the Mexico "E" Com No. 3 was squeezed down the 5 1/2" O.D. casing, with 525 sx, on 10-16-02, documents the placement of cement, on the outside of the 5 1/2" O.D. long string, from surface to 520'. After the cement set, corresponding to the 525-sx squeeze job, hard cement was drilled, from 387' to 521'. Fell out of cement at 521'.

On 10-26-02, a followup squeeze job was performed down 5 1/2" O.D. casing, utilizing an additional 875 sx of cement. After waiting on cement overnight, cement was drilled, from 386' to 440', before shutting down for the remainder of day, for the cement to reach full strength. Hard cement was then drilled from 440' to 526'. Fell out of cement at 526'.

By finding the bottom of the hard cement, at 526' (after the second drillout), when combined with (1) a cement fallout point of 521' (after first drillout), (2) a previously confirmed casing leak location between 463' and 527', and (3) a shift in the VDCBL cement bond log amplitude curve, at approximately 520', documents that the cement slurry exit point, for the two squeeze jobs, was at approximately 520', with the single casing hole being thoroughly squeezed, in two steps, with a total of 1400 sx of cement (525 sx + 875 sx = 1400 sx).

The 10-23-02 VDCBL cement bond log found the top of the original long-string cement job at 2650'.

DIVIDER PAGE

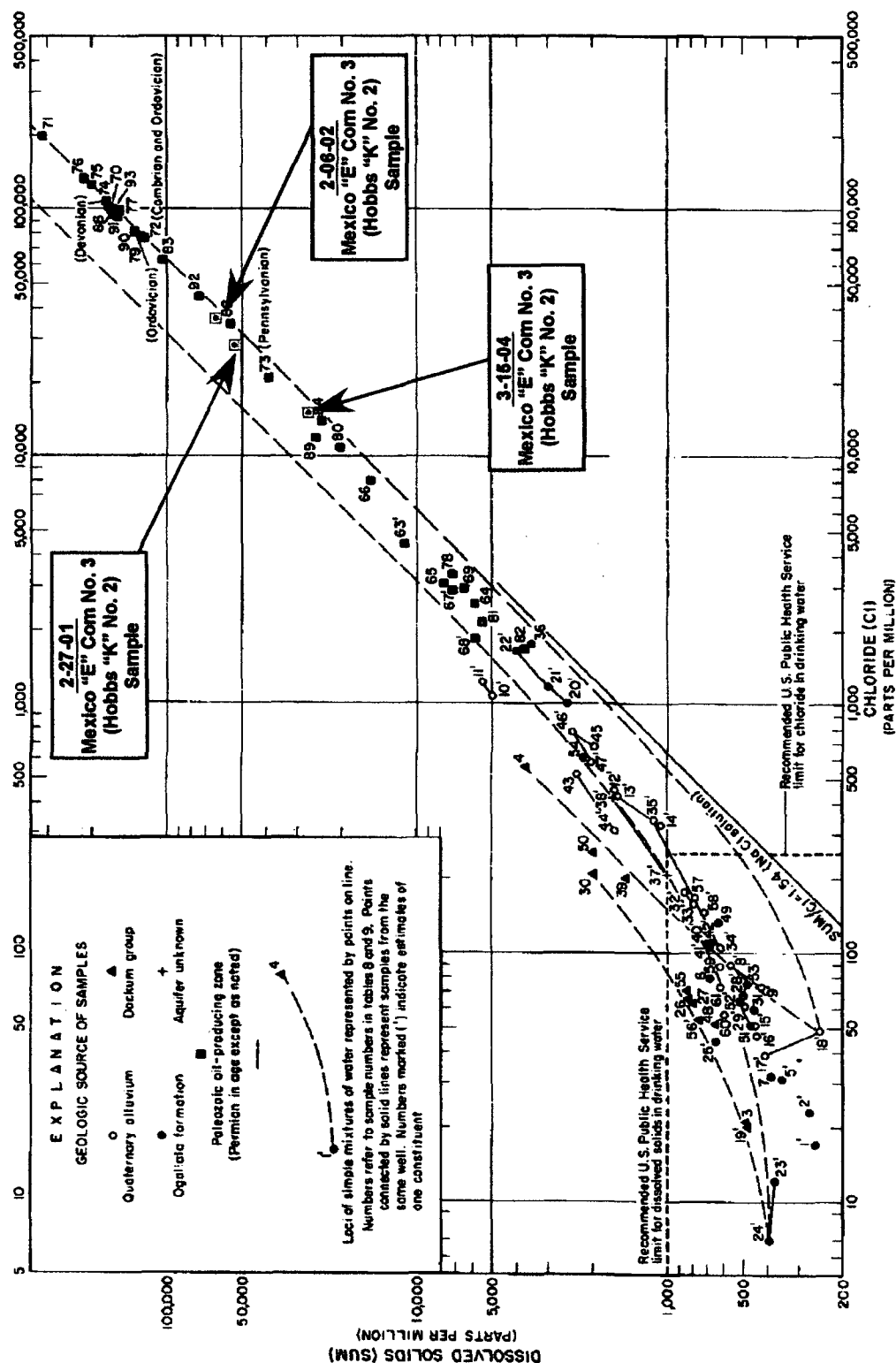


Figure 28

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)

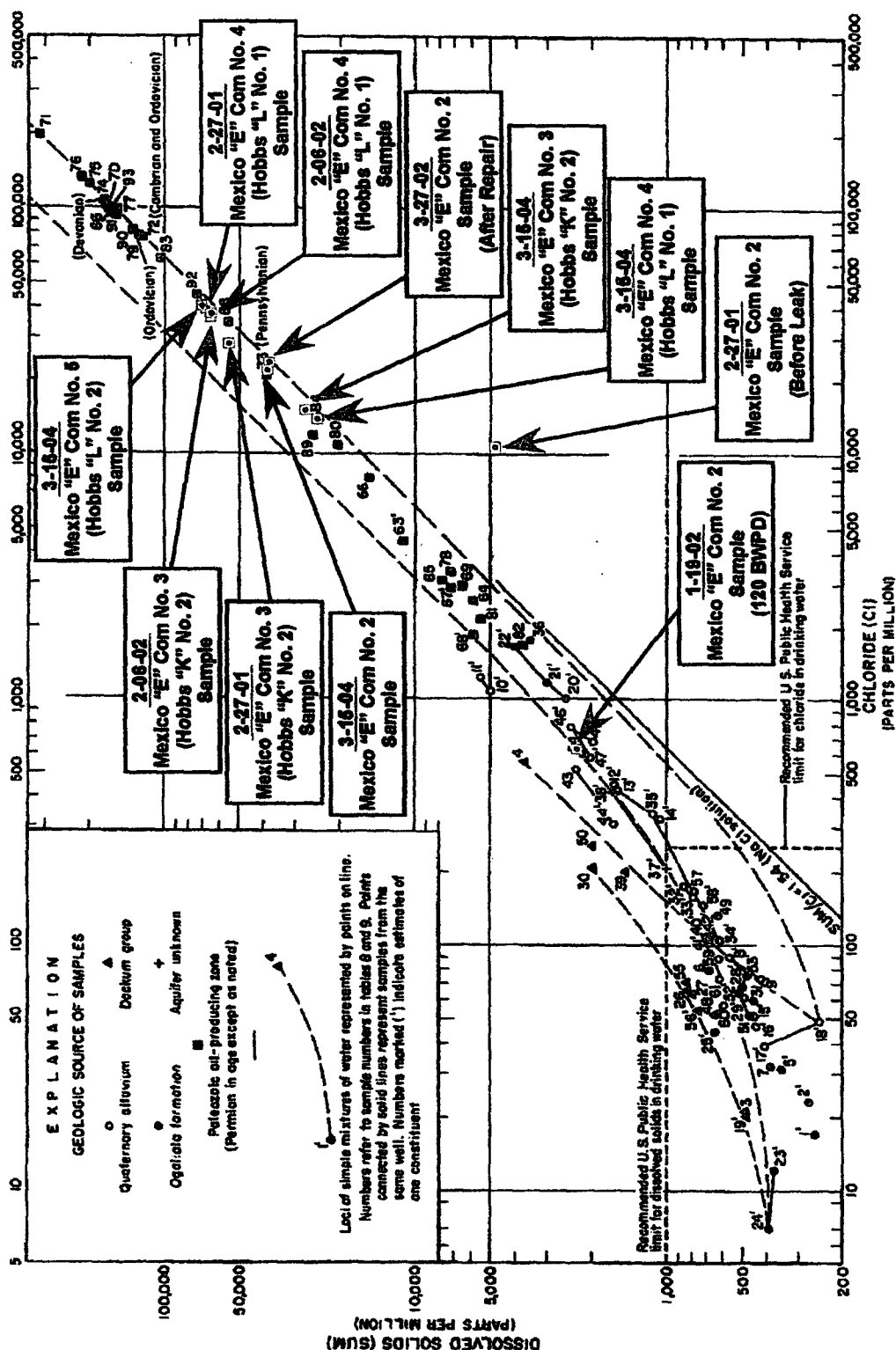


Figure 28

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)

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. 201-196
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 Hobbs "K"		Well #2	Depth	Formation Seven Rivers/ Queen	Water, B/D
Type of Water (Produced, Supply, etc.) Produced			Sampling Point		Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	14,943	649.7
Calcium, Ca	940	47.0
Magnesium, Mg	2,199	181.0
Barium, Ba		

OTHER PROPERTIES

pH	6.92
Specific Gravity, 60/60 F.	1.0383
Resistivity (ohm-meters) @ 77° F.	0.159
Total Hardness, as CaCO ₃	11,400

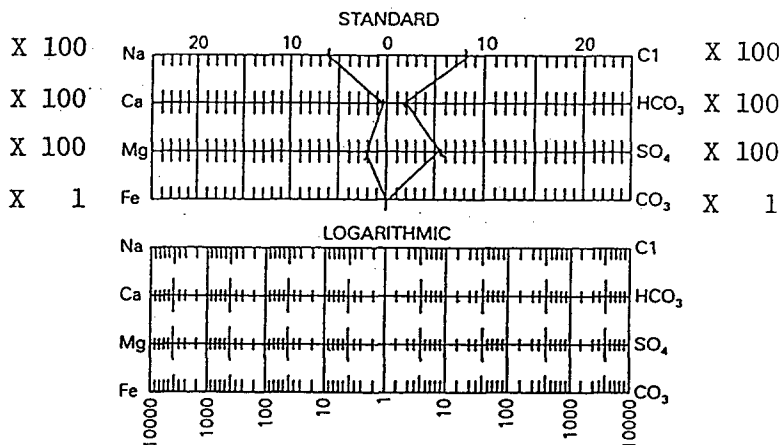
ANIONS

Chloride, Cl	28,408	801.1
Sulfate, SO ₄	2,662	55.4
Carbonate, CO ₃	0	0.0
Bicarbonate, HCO ₃	1,293	21.2

Total Dissolved Solids (calc.) 50,445

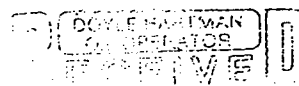
Iron, Fe (total) 7.7 0.3
Sulfide, as H₂S 104

WATER PATTERNS - me/l



REMARKS & RECOMMENDATIONS: In comparing this water with our records we find there would be a possibility that this is a mixture of approximately two-thirds Seven Rivers and one-third Queen.

Waylan C. Martin, M.A.



MAR 12 2001

P.O. Box 1468 Phone 943-3234 or 563-1040
Monahans, Texas 79756

RESULT OF WATER ANALYSES

709 W. Indiana Phone 683-4521
Midland, Texas 79701

TO: Mr. Don Mashburn
P.O. Box 10426, Midland, TX 79702

LABORATORY NO. 202-29
SAMPLE RECEIVED 2/7/02
RESULTS REPORTED 2/8/02

API WATER ANALYSIS REPORT FORM

Company Doyle Hartman, Oil Operators		Sample No.	Date Sampled 2/6/02
Field Langlie-Mattix	Legal Description Sec 2 T-23S&R-36-E		County or Parish Lea State NM
Lease or Unit Hobbs K	Well #2	Depth	Formation Seven Rivers/Queen Water, B/D
Type of Water (Produced, Supply, etc.) Produced		Sampling Point	Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	20,390	886.5
Calcium, Ca	720	36.0
Magnesium, Mg	2,041	168.0
Barium, Ba		

ANIONS

Chloride, Cl	36,220	1,021.4
Sulfate, SO ₄	2,448	50.9
Carbonate, CO ₃	0	0.0
Bicarbonate, HCO ₃	1,110	18.2

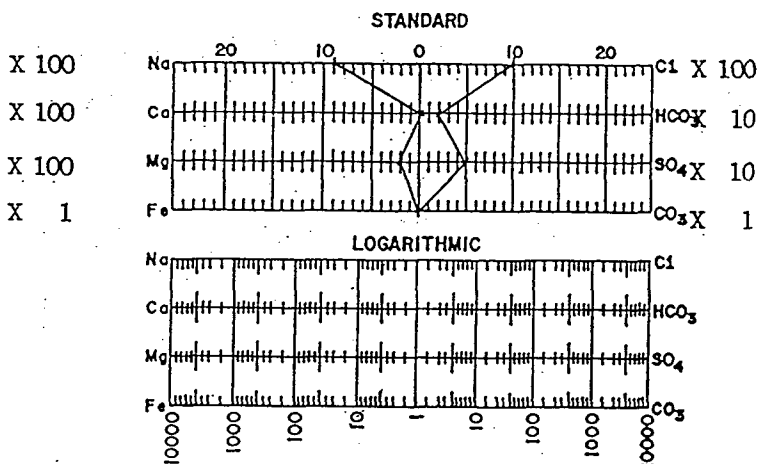
Total Dissolved Solids. (calc.)
62,929

Iron, Fe (total) 3.0 0.1
Sulfide, as H₂S 159

OTHER PROPERTIES

pH 6.26
Specific Gravity, 60/60 F. 1.0416
Resistivity (ohm-meters) 77° F. 0.134
Total Hardness, as CaCO₃ 10,200

WATER PATTERNS — me/l



REMARKS & RECOMMENDATIONS: When we compare these results with the water from this well sampled on 2/27/01 reported on laboratory #201-196, we see a slightly higher level of sodium and chloride but otherwise similar characteristics. We find the water at this time is now more nearly comparable to what we would expect from one-half Seven Rivers and one-half Queen.

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. 304-75
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		State NM		
Lease or Unit Hobbs K		Well #2		Depth		Formation		Water, B/D	
Type of Water (Produced, Supply, etc.) Produced				Sampling Point				Sampled By	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	8,859	385.3
Calcium, Ca	440	22.0
Magnesium, Mg	948	78.0
Barium, Ba		

OTHER PROPERTIES

pH	7.56
Specific Gravity, 60/60 F.	1.0206
Resistivity, (ohm-meters) @ 77°F.	0.270
Total Hardness	5,000

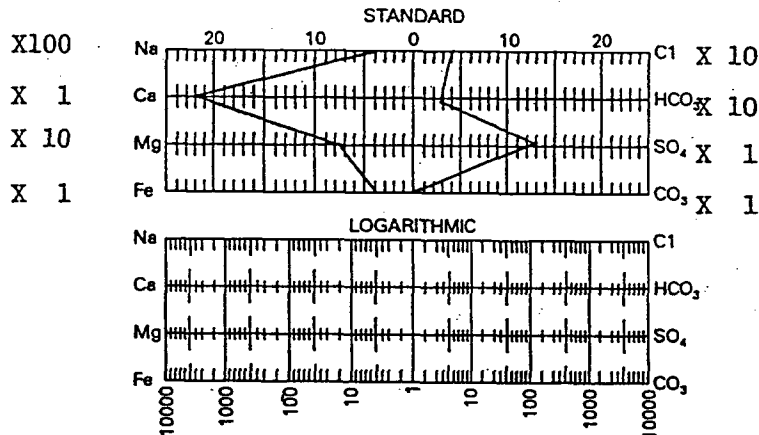
ANIONS

Chloride, Cl	15,620	440.6
Sulfate, SO_4	628	13.1
Carbonate, CO_3	0	0.0
Bicarbonate, HCO_3	1,928	31.6

Total Dissolved Solids (calc.) 28,423

Iron, Fe (total) 113 4.5
Sulfide, as H_2S 37

WATER PATTERNS - me/l



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

Greg Ogden
Greg Ogden, B.S.

DOYLE HARTMAN
OIL OPERATORS
RECEIVED

MAR 18 2004

IAx: Doyle Hartman (214-520-1434)

DIVIDER PAGE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

O+2 - NMOC-D-P.O. Box 1980

Hobbs, NM 88240

1 - Engr.-PJB

1 - Foreman-CM

1 - WIO's

1 - File

Form C-103
Revised 10-1-

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. 2
4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>23S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Wildcat 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:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

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.

1. Rig up pulling unit. Install BOP.
2. Pull rods and tubing.
3. GIH with 5 1/2" retrievable bridge plug on 2 3/8" tubing.
4. Set RBP at + 3000'. Spot 3 sx. sand on RBP.
5. POH with 2 3/8" tubing.
6. Rig up Halliburton and squeeze hole in 5 1/2" casing as follows:
 - A. Pump 200 sx of thickset cement followed by 100 sx of Class C cement.
 - B. If cement circulates up the 8 5/8" - 5 1/2" annulus, close bradenhead and squeeze rest of cement.
 - C. After the cement is in the casing, drop a top plug and displace to 650'.
 - D. WOC for 18-24 hours.
7. Drill out cement to RBP. POH w/bit, collars, and tubing.
8. Drill out cement to RBP. POH w/bit, collars, and tubing.
9. GIH with tubing and retrieving tool and retrieve RBP at + 3000'. POH w/RBP and tubing.
10. GIH w/bit, casing scrappers, and 2 3/8" tubing.
11. Clean out well to 3700', TD. POH w/bit and tubing.
12. Run rods and tubing.
13. Place 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 Jerry Sexton TITLE Area Superintendent DATE April 7, 1982

ORIGINAL SIGNED BY
JERRY SEXTON
DISTRICT 1 SUPR.

APR 17 1982

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

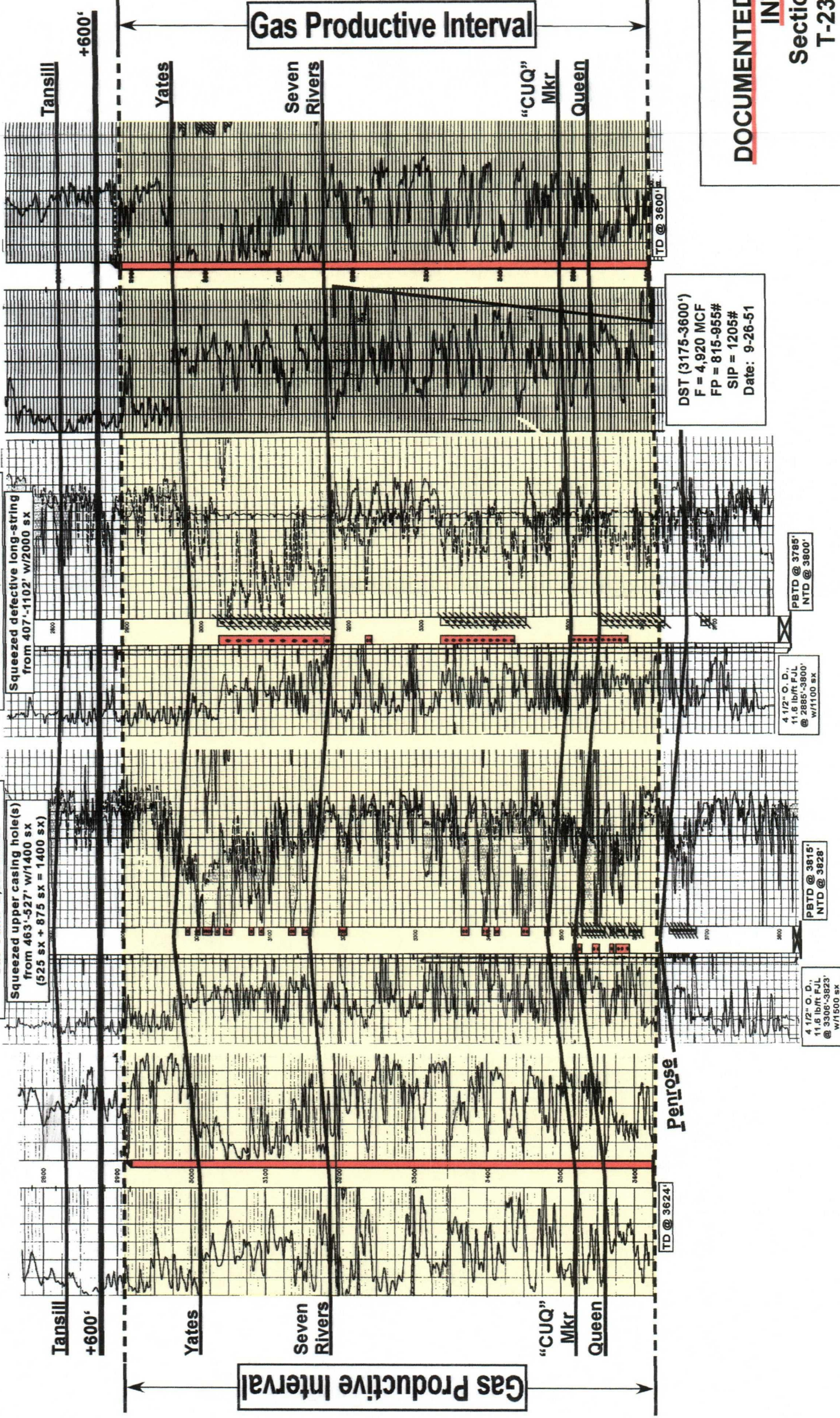
B'

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



DOCUMENTED GAS PRODUCTIVE INTERVAL

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

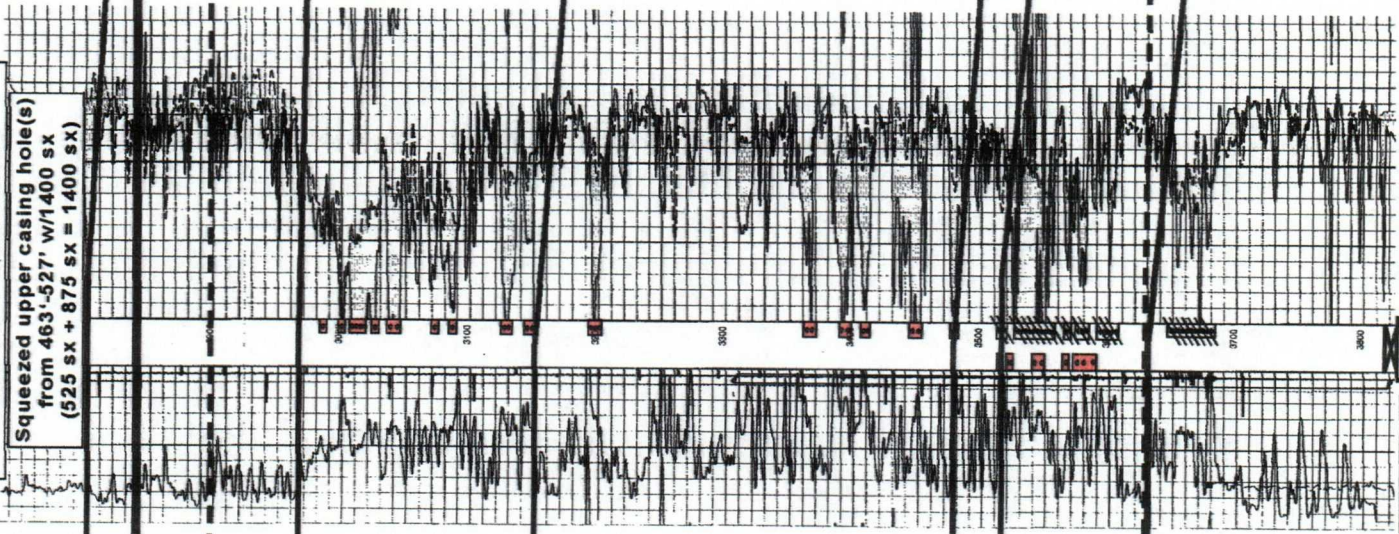
DIVIDER PAGE

West
C

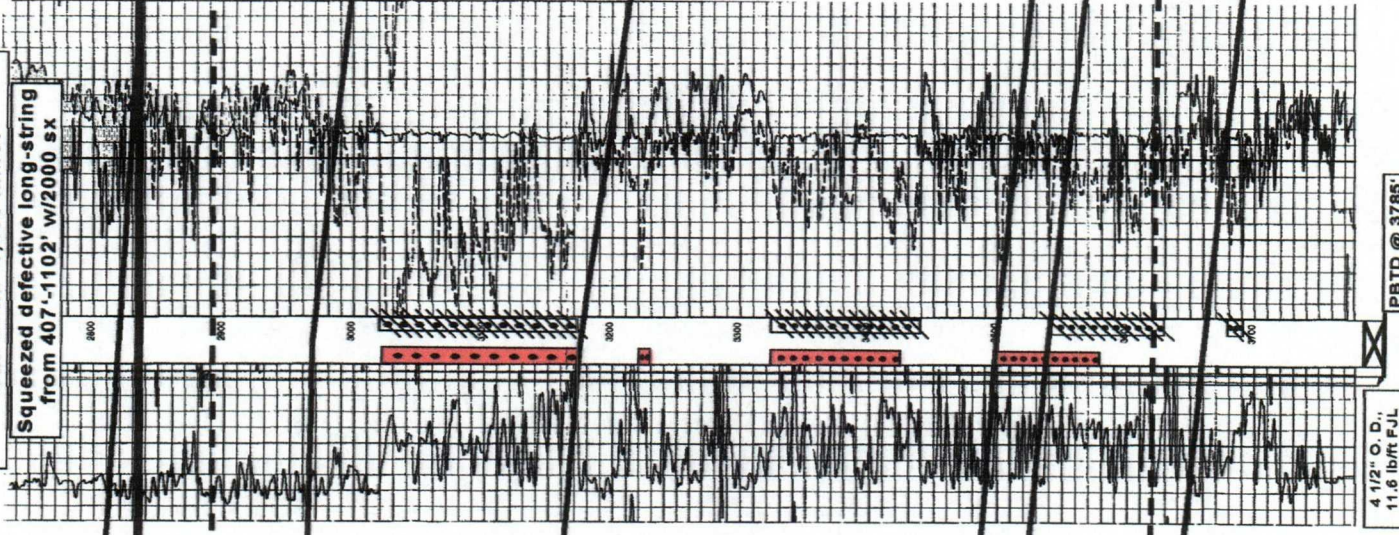
Structural Cross-Section

East
C

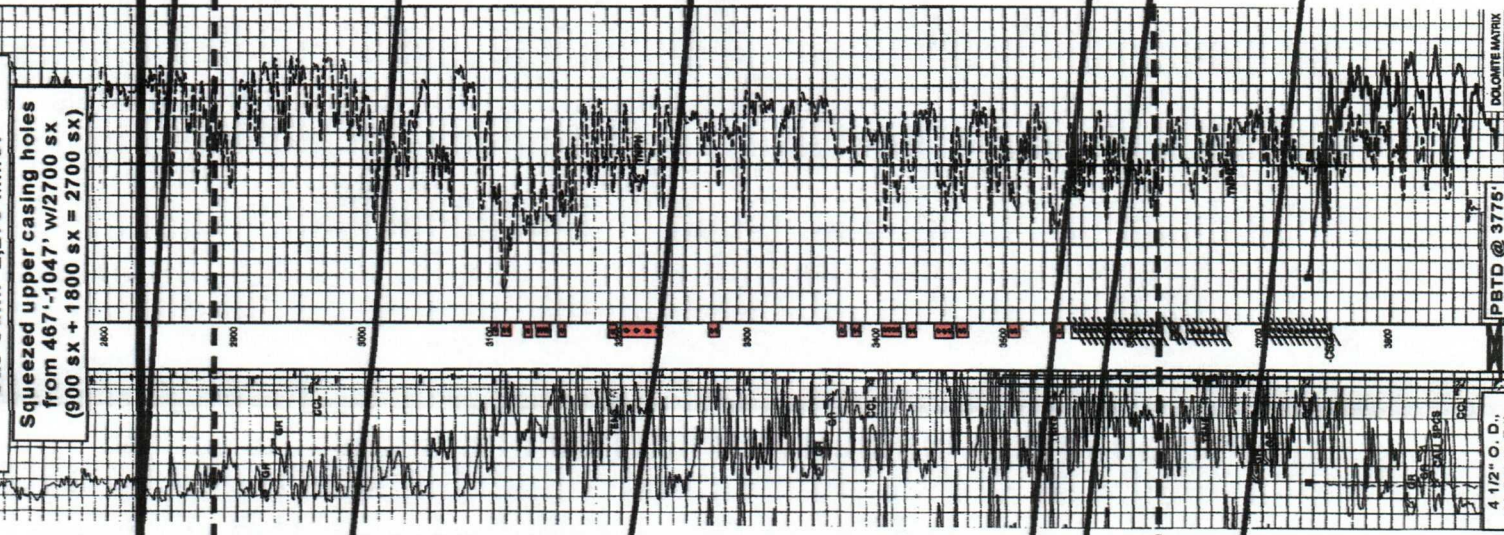
Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recomp. Date: 12-05-02
Gas Cum: 2,099 MMCF



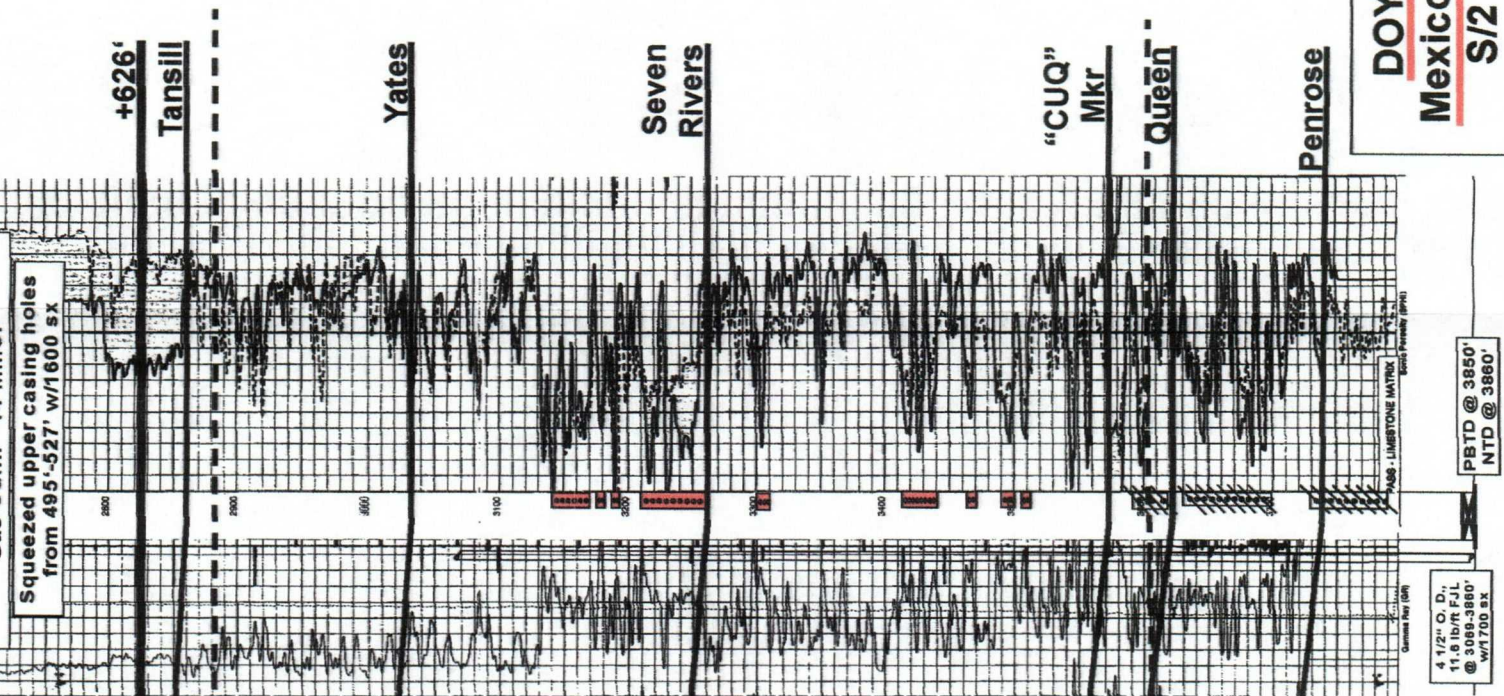
Doyle Hartman
Mexico "E" Com No. 2
(Hobbs "K" No. 1)
N-02-23S-36E
Comp. Date: 11-18-59
Repair & Recomp. Date: 3-18-02
Gas Cum: 1,493 MMCF



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



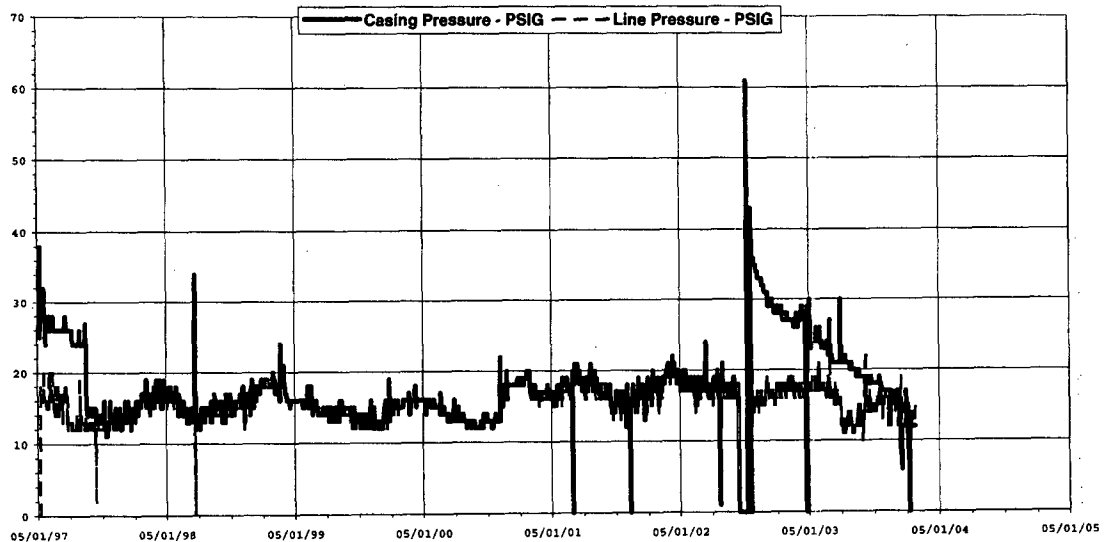
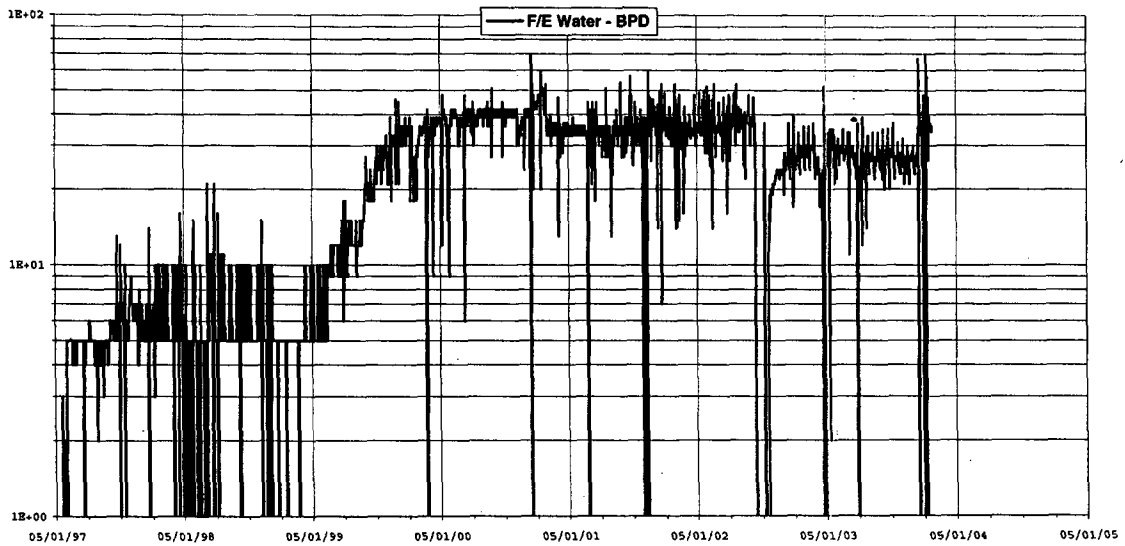
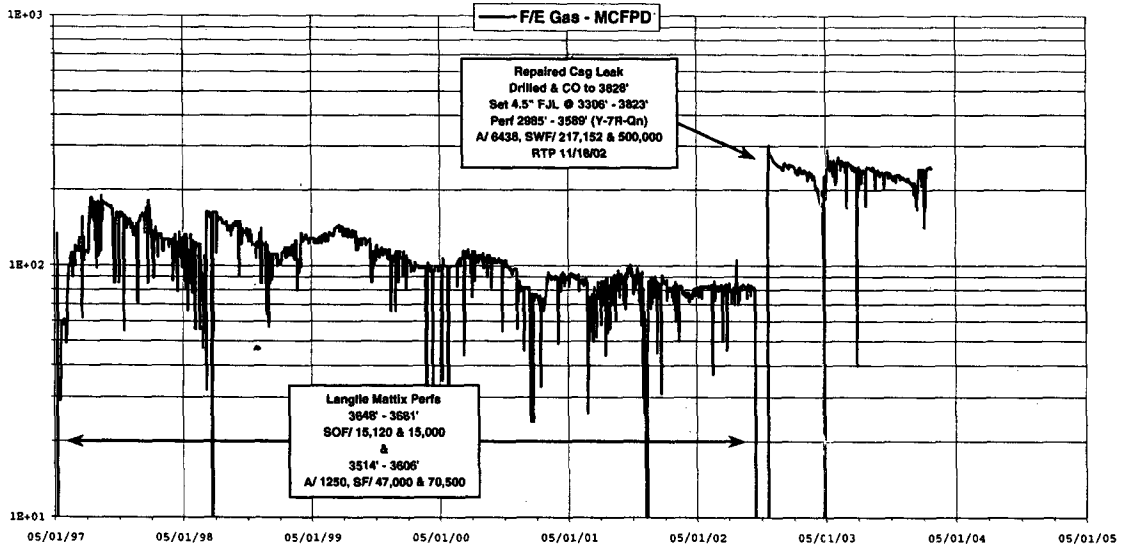
Doyle Hartman
Mexico "E" Com No. 4
(Hobbs "L" No. 1)
P-02-23S-36E
Comp. Date: 12-02-59
Repair & Recomp. Date: 8-01-03
Gas Cum: 14 MMCF



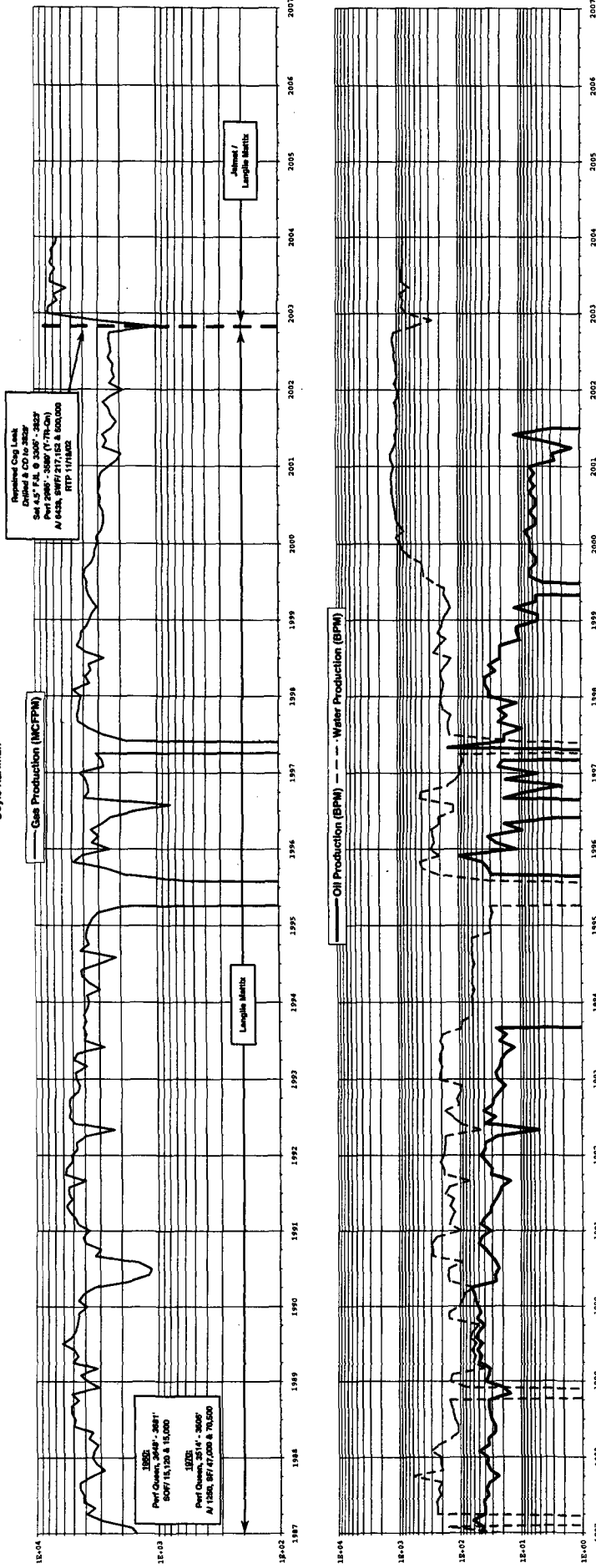
DOYLE HARTMAN
Mexico "E" Com Lease
S/2 S/2, Section 2
T-23-S, R-36-E
Lea County, New Mexico

DIVIDER PAGE

Hobbs K #2 (Mexico E Com #3)
Jalmat / Langlie Mattix
M-2-23S-36E
Doyle Hartman



Hobbs K #2 (Mexico E Com #3)
 Jelmaz / Langile Matiz
 M-02-235-26E
 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 30-025-09226	⁵ Pool Name Jalmat / Langlie Mattix	⁶ Pool Code 79240 / 37240
⁷ Property Code 20833	⁸ Property Name Mexico "E" Com	⁹ Well Number 3 *

II. ¹⁰ Surface Location

UI or lot no. M	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the	North/South Line South	Feet from the	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 Lee Code S	¹³ Producing Method Code P/F	¹⁴ Gas Connection Date 11/18/2002	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 10/14/2002	²⁶ Ready Date 11/18/2002	²⁷ TD 3828'	²⁸ PBTD 3815'	²⁹ Perforations 2985' - 3589' w/ 34	³⁰ DHC, DC, MC 5.012" & 4.000"
³¹ Hole Size 10"	³² Casing & Tubing Size 8 5/8", 24 #/ft	³³ Depth Set 300'	³⁴ Sacks Cement 200 sx (Circ.)		
7 7/8"	5 1/2", 14 #/ft	3700'	275 sx + 525 sx + 875 sx (Circ.)		
4 3/4"	4 1/2", 11.6 #/ft FJL	3306' - 3823'	sqz'd w/ 1500 sx		
	2 3/8", 4.7 #/ft, J-55, EUE Tbg	3711'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 11/18/2002	³⁷ Test Date 12/05/2002	³⁸ Test Length 24 Hrs.	³⁹ Tbg. Pressure —	⁴⁰ Csg. Pressure 33.6 psig
⁴¹ Choke Size 42/128	⁴² Oil —	⁴³ Water 21	⁴⁴ Gas 262 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: *Steve Hartman*

Printed name: Steve Hartman

Title: Engineer

Date: 03/22/2004

Phone: (432) 684-4011

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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

Previous Operator Signature

Printed Name

Title

Date

* Formerly Hobbs "K" No. 2

DIVIDER PAGE

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

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

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.	30-025-09226
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" Com (Formerly Hobbs "K" No. 2)	
b. Type of Completion: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 3	
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>M</u> : <u>660'</u> Feet From The <u>South</u> Line and <u>660'</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>23S</u> Range <u>36E</u> NMPM <u>Lea</u> County			
10. Date Re-spudded 10/14/2002	11. Date T.D. Reached 10/22/2002	12. Date Compl. (Ready to Prod.) 11/18/2002	13. Elevations (DF & RKB, RT, GR, etc.) 3461' RKB
14. Elev. Casinghead 3451'			
15. Total Depth 3828'	16. Plug Back T.D. 3815'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0' - 3828'
19. Producing Interval(s), of this completion - Top, Bottom, Name 2985' - 3410' (Y-7R) & 3446' - 3589' (7R-Qn)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run SAS-CNL-GR-CCL, VDCBL-GR-CCL			22. Was Well Cored No

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 #/ft	300'	10"	200 sx	Circ.
5 1/2"	14 #/ft	3700'	7 7/8"	275 sx + 525 sx + 875 sx	Circ.

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 1/2" FJL	3306'	3823'	1500 sx		2 3/8"	3711'

26. Perforation record (interval, size, and number) 2985' - 3199' w/ (16) 0.45" x 23" Holes 3363' - 3410' w/ (6) 0.38" x 17" Holes 3446' - 3589' w/ (12) 0.38" x 17" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2985' 3589'	A/ 6438 Gal.
	2985' 3589'	SWF/ 217,152 Gal. & 500,000#

28. PRODUCTION

Date First Production 11/18/2002	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing / Pumping (8.25 x 64 x 1 1/4)		Well Status (Prod. or Shut-in) Producing				
Date of Test 12/05/2002	Hours Tested 24 Hrs	Choke Size 42/128	Prod'n For Test Period	Oil - BbL. —	Gas - MCF 262	Water - BbL. 21	Gas - Oil Ratio —
Flow Tubing Press. —	Casing Pressure 33.6 psig	Calculated 24-Hour Rate	Oil - BbL. —	Gas - MCF 262	Water - BbL. 21	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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2807'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2966'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3153'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3514'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to
 No. 2, from to
 No. 3, from to
 No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

DIVIDER PAGE

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

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

District III
1000 Rio Bravo 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 500 N. Main St., Midland, TX, 79701
Address
Mexico "E" Com 3 * M-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20833 API No. 30-025-09226 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmit (T-Y-7R)		Langlie Matix (7R-Qn)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2985' - 3410' (22 Holes)		3446' - 3589' (12 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/05/2002: WHSIP = 45 psig All Zones (2985' - 3589')		11/05/2002: WHSIP = 45 psig All Zones (2985' - 3589')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.333 MMBTU/MCF		1.333 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: 157.9 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 86.1 MCFPD Oil: 0 BPD Water: 36 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 % 64.7 %	Oil Gas % %	Oil Gas 0.0 % 35.3 %

ADDITIONAL DATA

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

Attachments:

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

PRE-APPROVED POOLS

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

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

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

SIGNATURE  TITLE Engineer DATE 03/22/2004

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

E-MAIL ADDRESS dhoo-sh@swbell.net

* Formerly Hobbs "K" No. 2

DIVIDER PAGE

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09226		Pool Code 79240		Pool Name Jalmat (T-Y-7R)	
Property Code 20833		Property Name Mexico "E" Com			Well Number 3 *
GRID No. 6473		Operator Name Doyle Hartman			Elevation 3461' 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
M	2	23S	36E		660'	South	660'	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			

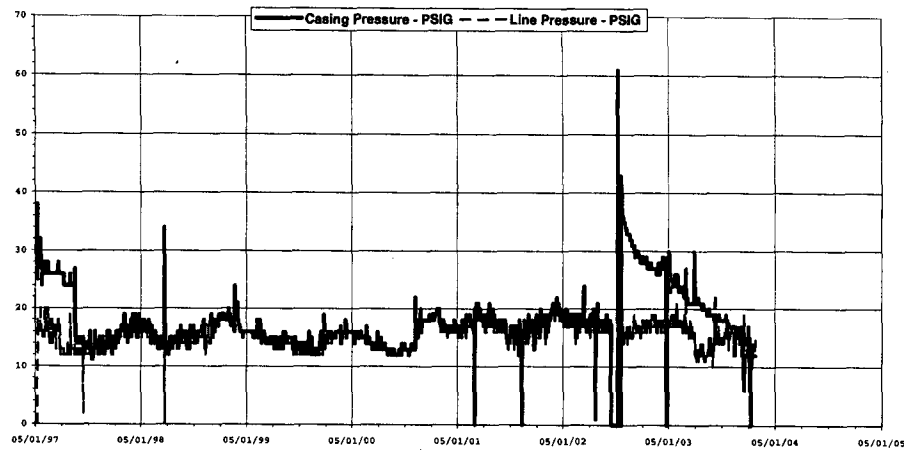
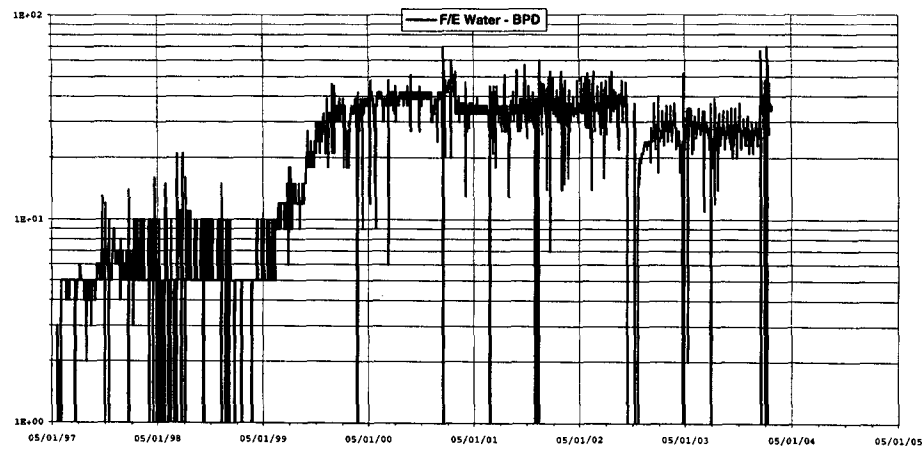
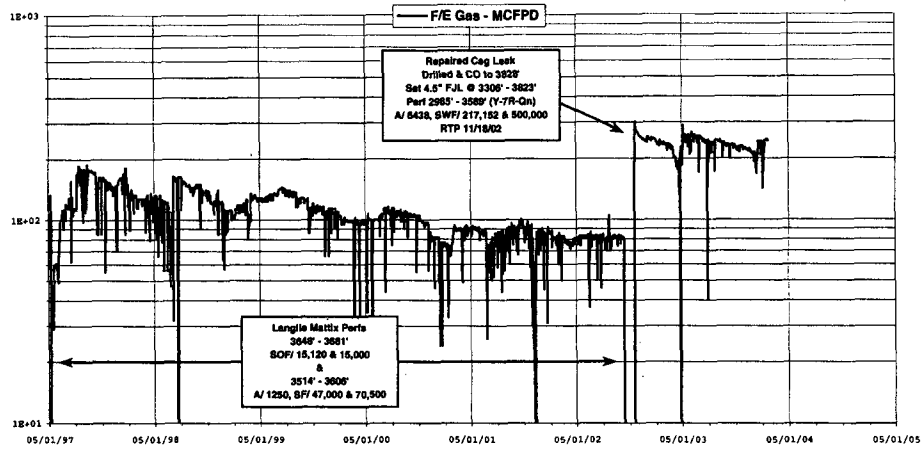
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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) 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 11-23S-36E * Formerly Hobbs "K" No. 2	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
--	---

DIVIDER PAGE

Hobbs K #2 (Mexico E Com #3)
 Jalmat / Langlie Mattix
 M-2-23S-36E
 Doyle Hartman

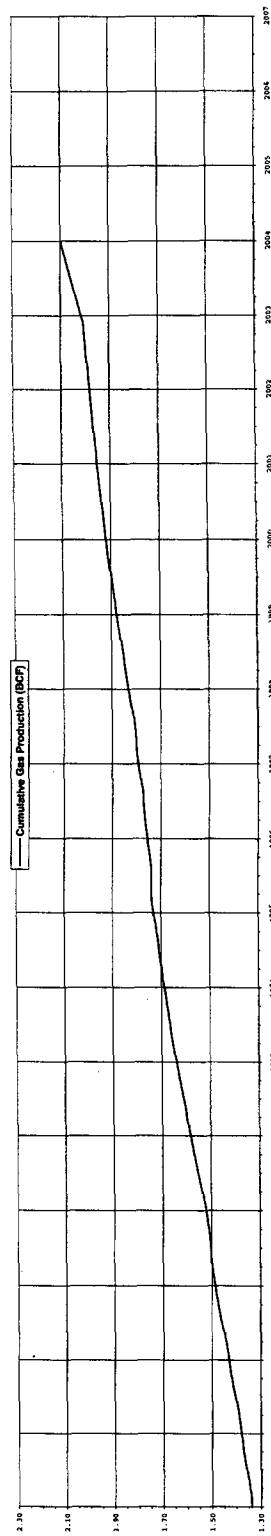
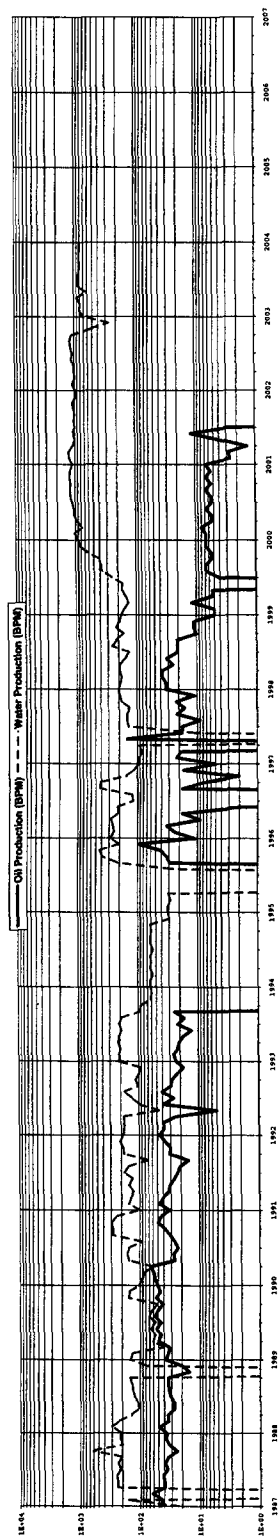
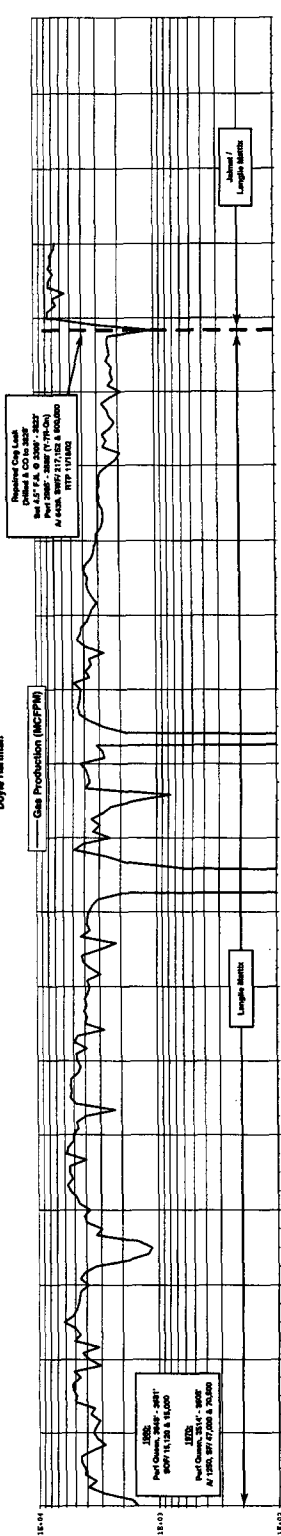
VE - 06/0



02/24/04: 2.111 BCF 51.3 MBO

Plot Format: C:\My Documents\Dly FE\g-w-cplp-3.plt Printed: 2/26/04

Hobbs #2 (Mexico E Com #3)
 Jaisal / Langle Matiz
 M-02-235-28E
 Doyle Hartman



1200: 2.000 BCF 51.3 MBO

DIVIDER PAGE

M-2-23S-36E

Doyle Hartman

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

02/24/2004	02/24/2004	02/24/2004	02/24/2004	Langlie Mattix Gas Production Allocation (%)
Total Daily Gas Production (mcfpd)	Daily Gas Prod. per Perf. (mcfpd / perf)	Total Langlie Mattix Perforations	Langlie Mattix Daily Gas Prod. (mcfpd)	
244	7.2	12	86.1	35.3

DIVIDER PAGE

NORTH

B

SOUTH

B'

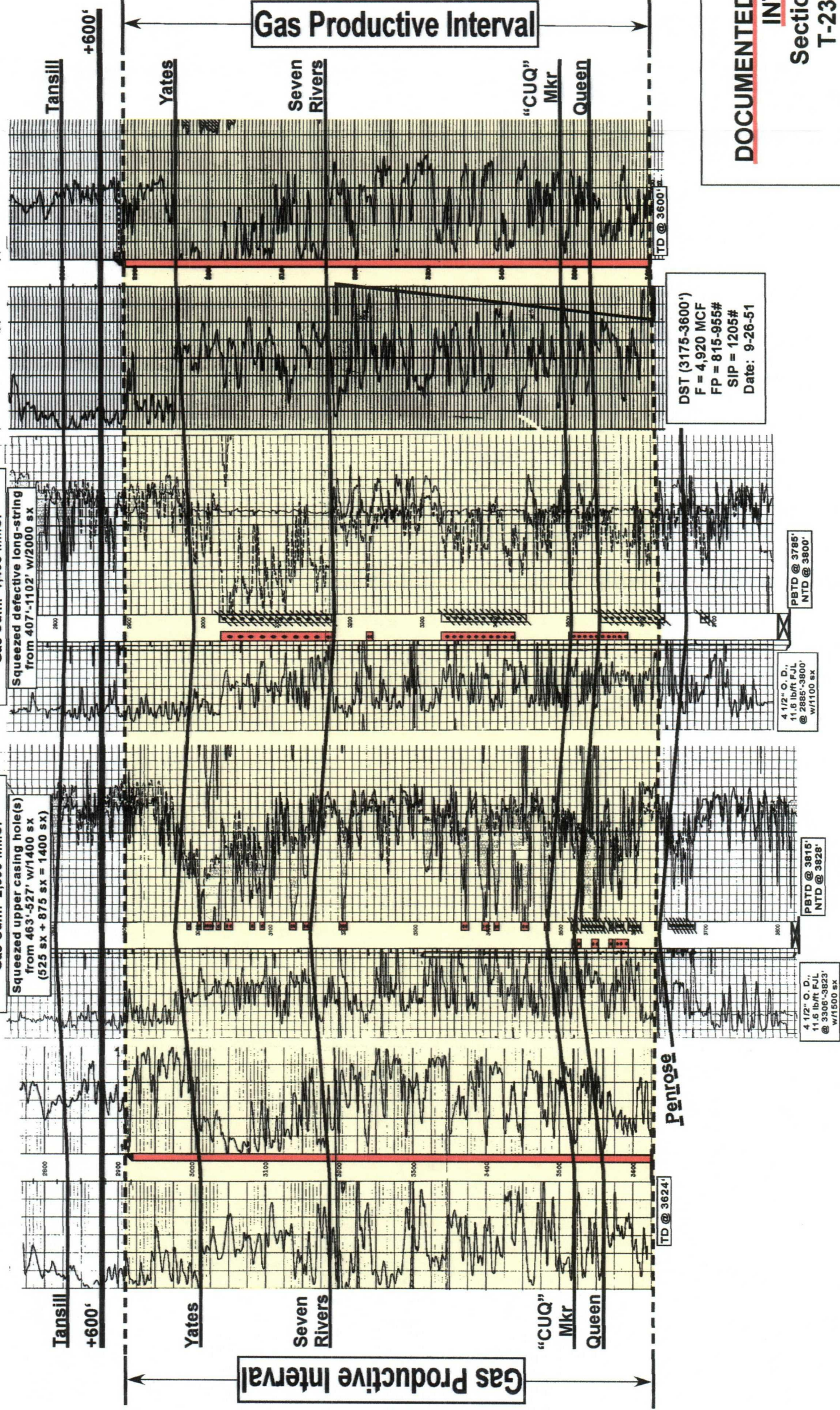
Structural Cross-Section

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

PBTD @ 3785'
NTD @ 3800'

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

PBTD @ 3815'
NTD @ 3826'

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

DOCUMENTED GAS PRODUCTIVE
INTERVAL

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

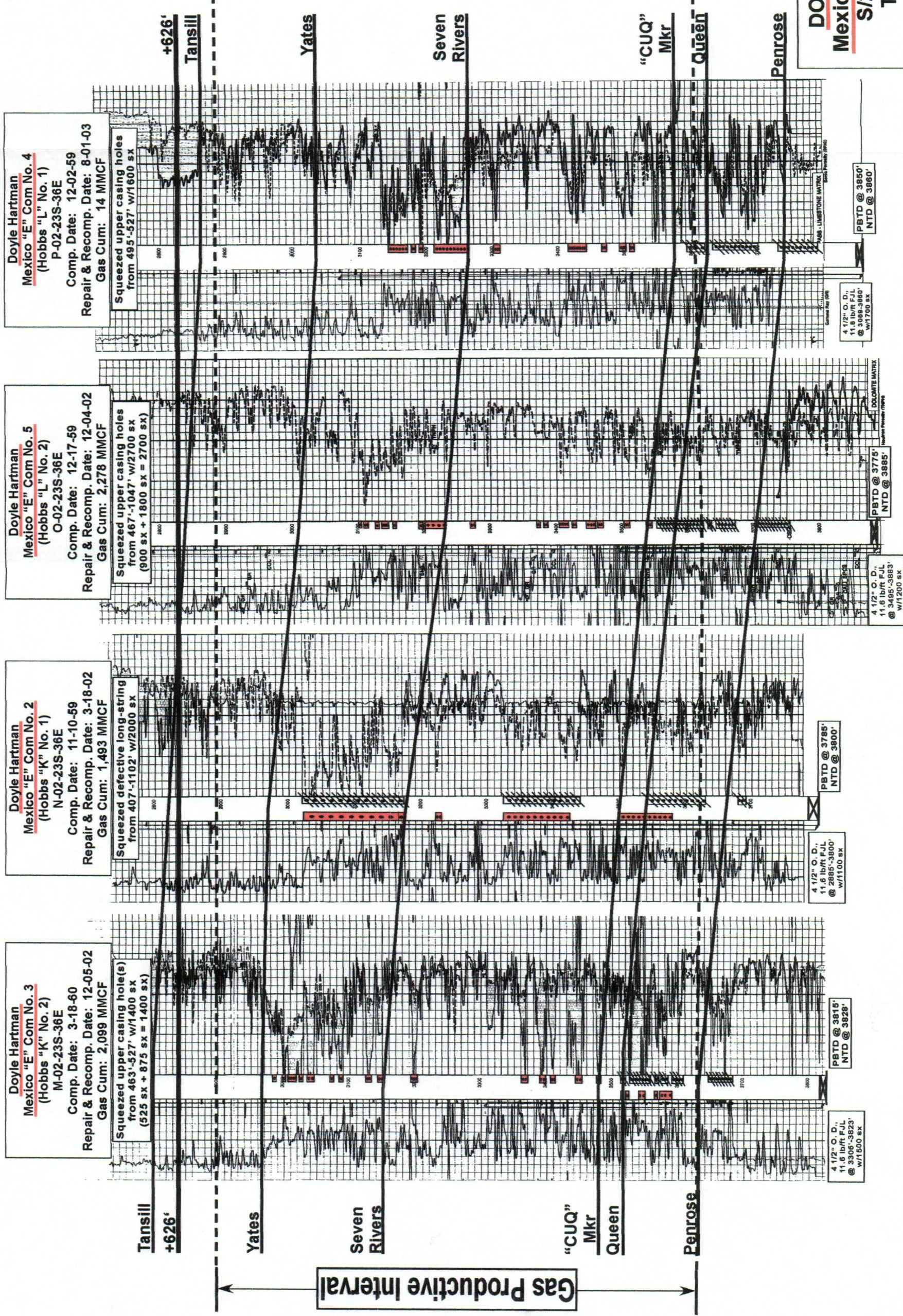
Lea County, New Mexico

DIVIDER PAGE

West
C

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

DIVIDER PAGE

**Hard Copy
of
Amended C-115**

**that is to be transmitted to OCD,
by E-mail**

District I

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

District II

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

District III

1000 Rio Brazos, Aztec, NM 84710

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

Form C-115 First Page

Revised October 17, 1993

Instructions on Reverse Side

1 ☒ Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 1/04							
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2							
POOL NO. AND NAME				INJECTION								PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER											
				8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
				C			C					C						C									
				O			O	Barrels	Barrels			O	Point	Gas BTU	Oil			O	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.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM								
37240 Langlie Mattix 7 Rvrs Qn Gryb																											
020832 HOBBS L																											
002 0-2 -23S-36E																											
30-025-09228				P					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

Printed Name & Title

Production Analyst 3/23/04

Phone Number 432 684-4011

Date

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	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																	
0001	P-2 -23S-36E																	
	30-025-09227	P						35	2399	31	W	2474050	1478		35	2399	020809	
0002	0-2 -23S-36E																	
	30-025-09228	P						13	4128	31	G	2474030	1463		4128	020809		
020833	HOBBS K														13			
0002	M-2 -23S-36E																	
	30-025-09226	P							4290	31	G	0000000	1333		4290	020809		
020834	MEXICO E																	
0001	0-2 -23S-36E																	
	30-025-09224	P						18	107	31	W	0000000			18			
0002	N-2 -23S-36E																	
	30-025-09225	P							2437	31	G	0000000	1443		2437	020809		

[illegible]

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

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 12/03				Page 2 of 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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District I

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

District II

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

District III

1000 Rio Brazos, Aztec, NM 84710

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side

1 ☒ Amended Report

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

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 11/03				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				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	06RID	4	EOM	
79240 Jalmat Tansill Yates 7 Rvrs-G																										
020832 HOBBS L																										
001 P-2 -23S-36E																										
30-025-09227										P					50	2744	30	W	2474050			50	2744	020809		
002 0-2 -23S-36E																										
30-025-09228										P					17	4696	30	G	2474030	1380		4696	020809			
020833 HOBBS K																		W	2474050			17				
002 M-2 -23S-36E																										
30-025-09226										P						4341	30	G	0000000	1334		4341	020809			
020834 MEXICO E																										
001 0-2 -23S-36E																										
30-025-09224										P					16	116	30	W	0000000			16				
																	G	2490930	1721		116	020809				
002 N-2 -23S-36E																										
30-025-09225										P						2720	30	G	0000000	1263		2720	020809			

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side

Instructions on Reverse Side

2040 S PACHECO ST

Santa Fe, NM 87505-5472

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.

432 684-4011
Phone Number

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 10/03			Page 2 of 2										
			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER										
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
POOL NO. AND NAME			C			C					C						C		
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						48	3167	31	W	2474050				48			
																3167	020809		
002	O-2 -23S-36E																		
	30-025-09228	P						16	5281	31	G	2474030	1379			5281	020809		
																16			
020833	HOBBS K																		
002	M-2 -23S-36E																		
	30-025-09226	P							4728	31	G	0000000	1334			4728	020809		
020834	MEXICO E																		
001	O-2 -23S-36E																		
	30-025-09224	P						18	143	31	W	0000000				18			
																143	020809		
002	N-2 -23S-36E																		
	30-025-09225	P							2826	31	G	0000000	1264			2826	020809		
			</																

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Revised October 17, 1993

Instructions on Reverse Side

1 | X | Amended Report

1 | X | Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473				14 9/03							
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																					16 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											
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																	Property No. and Name											
																	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											
																	API No.											
																	E E E E E E E E E E E E E E E E E E											
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37240 Langlie Mattix 7 Rvrs Qn Gryb																												
020832 HOBBS L																												
002 0-2 -23S-36E																												
30-025-09228																	P				3 482 30 6 2474030 1299				482 020809			
																					W 2474050				3			
020833 HOBBS K																												
002 M-2 -23S-36E																												
30-025-09226																	P				808 2511 30 6 0000000 1334				2511 020809			
																					W 2474050				808			
020834 MEXICO E																												
002 M-2 -23S-36E																												
30-025-09225																	P				376 679 30 6 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.

432 684-4011

Deutsche Demokratische Republik

Form C-115 First Page

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 8/03			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
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																	
0001	P-2 -23S-36E																	
	30-025-09227	P						328		31	W	2474050				328		
0002	O-2 -23S-36E																	
	30-025-09228	P						47	5880	31	G	2474030	1298			5880	020809	
020833	HOBBS K															47		
0002	M-2 -23S-36E																	
	30-025-09226	P							4819	31	G	0000000	1334			4819	020809	
020834	MEXICO E																	
0001	O-2 -23S-36E																	
	30-025-09224	P						29	170	31	W	0000000				29		
0002	N-2 -23S-36E															170	020809	
	30-025-09225	P							2906	31	G	0000000	1351			2906	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 ☒ 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			
										DISPOSITION OF OIL, GAS, AND WATER															
										PRODUCTION															

[illegible]

District I
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1000 Rio Brazos, Aztec, NM 84710

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2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473										4 6/03																			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																											6 Page 1 of 2																			
																	DISPOSITION OF OIL, GAS, AND WATER																													
																	PRODUCTION																													
																	INJECTION																													
																	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																	2 Prod.										3 Dispo-										4 EOM									
37240 Langlie Mattix 7 Rvrs On Gryb																																														
020832 HOBBS L																																														
002 0-2 -23S-36E																																														
30-025-09228																	3										282										282 020809									
020833 HOBBS K																											W										3									
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020834 MEXICO E																											W										862									
002 N-2 -23S-36E																																														
30-025-09225																	217										466										466 020809									
																											W										217									
																											</																			

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 6/03			Page 2 of 2									
			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER									
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
POOL NO. AND NAME			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Property No. and Name			O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Well No. & U-L-S-T-R			D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
API No.			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
			1	Volume	sure	2	Prod.	Prod.	Gas	Prod.	uced	3	sition	Gravity	BOM	MCF	06RID	4
79240	Jalmat Tansill Yates 7 Rvrs-G																	
020832	HOBBS L																	
001	P-2 -23S-36E																	
	30-025-09227	P						12	305	30	W	2474050			12			
											G	2820931	1433		305	020809		
002	O-2 -23S-36E																	
	30-025-09228	P						38	3200	30	G	2474030	1298		3200	020809		
											W	2474050			38			
020833	HOBBS K																	
002	M-2 -23S-36E																	
	30-025-09226	P							4781	30	G	2474030	1248		4781	020809		
020834	MEXICO E																	
001	O-2 -23S-36E																	
	30-025-09224	P						9	55	30	W	0000000			9			
											G	2490930	1341		55	020809		
002	N-2 -23S-36E																	
	30-025-09225	P							1805	30	G	2490930	1218		1805	020809		

[illegible]

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	asure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM
79240	Jalmat Tansill Yates 7 Rvrs-G																	
020832	HOBBS L																	
1001	P-2 -23S-36E																	
	30-025-09227	P						18	301	31	W	2474050			18			
											G	2820931	1423		301	020809		
1002	O-2 -23S-36E																	
	30-025-09228	P						88	3271	31	G	2474030	1296		3271	020809		
											W	2474050			88			
020833	HOBBS K																	
1002	M-2 -23S-36E																	
	30-025-09226	P							4822	31	G	2474030	1248		4822	020809		
020834	MEXICO E																	
1001	O-2 -23S-36E																	
	30-025-09224	P						8	51	31	W	0000000			8			
											G	2490930	1469		51	020809		
1002	N-2 -23S-36E																	
	30-025-09225	P							1817	31	G	2490930	1218		1817	020809		
																</		

	State of New Mexico	Form C-115 First Page
District I		Revised October 17, 1993
P.O. Box 1980, Hobbs, NM 88241-1980	Energy, Minerals & Natural Resources Department	
District II	OIL CONSERVATION DIVISION	Instructions on Reverse Side
P.O. Drawer DD, Artesia, NM 88211-0719	2040 S PACHECO ST	
District III	Santa Fe, NM 87505-5472	1 X Amended Report
1000 Rio Brazos, Aztec, NM 87410	OPERATOR'S MONTHLY REPORT	

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 4/03																			
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				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	BQM	MCF)	OGRID	4	EOM														
37240 Langlie Mattix 7 Rvrs Qn Gryb																																							
020832 HOBBS L																																							
002 0-2 -23S-36E																																							
30-025-09228										P				4	314	30	6	2474030	1298			314	020809																
																		W	2474050			4																	
020833 HOBBS K																																							
002 M-2 -23S-36E																																							
30-025-09226										P				650	1938	30	6	2474030	1237			1938	020809																
																		W	2474050			650																	
020834 MEXICO E																																							
002 N-2 -23S-36E																																							
30-025-09225										P				238	486	30	6	2490930	1218			486	020809																
																		W	2490950			238																	

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

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

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 4/03			Page 2 of 2									
			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER									
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
POOL NO. AND NAME			C			C					C						C	
Property No. and Name			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	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																	
020832	HOBBS L																	
1001	P-2 -23s-36E																	
	30-025-09227	P					14		281	30	W	2474050			14			
											G	2820931	1432		281	020809		
1002	0-2 -23s-36E																	
	30-025-09228	P					40		3567	30	G	2474030	1298		3567	020809		
											W	2474050			40			
020833	HOBBS K																	
1002	M-2 -23s-36E																	
	30-025-09226	P							3551	30	G	2474030	1237		3551	020809		
020834	MEXICO E																	
1001	0-2 -23s-36E																	
	30-025-09224	P					8		48	30	W	0000000			8			
											G	2490930	1444		48	020809		
1002	N-2 -23s-36E																	
	30-025-09225	P							1885	30	G	2490930	1218		1885	020809		

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Instructions on Reverse Side

OIL CONSERVATION DIVISION

2040 S PACHECO ST

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

1 |X| Amended Report

[illegible]

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

Signature

Loretta Crawford
Printed Name & Title

Production Analyst	3/23/04
Date	

432 684-4011
Phone Number

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

2040 S PACHECO ST
Santa Fe, NM 87505-5472
OPERATOR'S MONTHLY REPORT

Santa Fe, NM 87505-5472

OPERATOR'S MONTHLY REPORT

1 | X | Amended Report1 $\overline{X}$ 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
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 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	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																	
0001	P-2 -23S-36E																	
	30-025-09227	P						35	353	28	W	2474050			35			
											G	2820931	1479		353	020809		
0002	O-2 -23S-36E																	
	30-025-09228	P						94	3890	28	G	2474030	1298		3890	020809		
											W	2474050			94			
020833	HOBBS K																	
0002	M-2 -23S-36E																	
	30-025-09226	P							4203	28	G	2474030	1237		4203	020809		
020834	MEXICO E																	
0001	O-2 -23S-36E																	
	30-025-09224	P						9	66	28	W	0000000			9			
											G	2490930	1386		66	020809		
0002	N-2 -23S-36E																	
	30-025-09225	P							1856	28	G	2490930	1218		1856	020809		

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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 87410	Santa Fe, NM 87505-5472	1 [X] Amended Report
	OPERATOR'S MONTHLY REPORT	

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 1/03				
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					
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				
37240 Langlie Mattix 7 Rvrs Qn Gryb																								
020832 H08BS L																								
002 0-2 -23S-36E																								
30-025-09228					P					13	461	31	G	0000000	1295		461	020809						
													W	2474050			13							
020833 H08BS K																								
002 M-2 -23S-36E																								
30-025-09226					P					830	2686	31	G	2474030	1114		2686	020809						
													W	2474050			830							
020834 MEXICO E																								
002 N-2 -23S-36E																								
30-025-09225					P					349	614	31	G	0000000	1218		614	020809						
													W	2490950			349							

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

Signature	Loretta Crawford	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 1/03				Page 2 of 2			
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER			

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

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

District III
1000 Rio Brazos, Aztec, NM 84710

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

Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side

1 ☒ Amended Report

2 Operator: DOYLE HARTMAN OIL OPERATOR																	3 OGRID: 006473				4 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											

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 12/02				Page 2 of 2									
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
POOL NO. AND NAME										C			C					C							C		
Property No. and Name										O			O	Barrels	Barrels			O	Point	Gas BTU	Oil			O	Oil		
Well No. & U-L-S-T-R										D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on		
API No.										E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand		
										1	Volume	sure	2	Prod.	Prod.	Prod.	used	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

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1 ☒ 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			
		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																											
0001	P-2 -23S-36E																											
	30-025-09227	P					2126	202	30	W	2474050			2126														
										G	2820931	1469		202	020809													
0002	0-2 -23S-36E																											
	30-025-09228	P					1	4	19	G	0000000	1295		4	020809													
										W	2474050			1														
020833	HOBBS K																											
0002	M-2 -23S-36E																											
	30-025-09226	P					269	1179	23	G	2474030	1114		1179	020809													
										W	2474050			269														
020834	MEXICO E																											
0002	N-2 -23S-36E																											
	30-025-09225	P					349	569	30	G	0000000	1218		569	020809													
										W	2490950			349														

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

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

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 11/02				Page 2 of 2											
										INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER											
										8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
POOL NO. AND NAME										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
Property No. and Name										0	0	0	0	Barrels	Barrels	0	Point	Gas BTU	Oil	0	Oil	0	Oil	0					
Well No. & U-L-S-T-R										D	D	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					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						
																				</									

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473				4 Month/Year 10/02				Page 2 of 2									
										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										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.	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					8	111	31	6	0000000	1295		111	020809				
020834 MEXICO E																			W	2474050			8				
001 0-2 -23S-36E																											
30-025-09224										P					12	85	31	W	0000000			12					
002 N-2 -23S-36E																			6	2490930	1404		85	020809			
30-025-09225										P																	
																2614	31	6	0000000	1218		2614	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

2 Operator: DOYLE HARTMAN OIL OPERATOR										3 OGRID: 006473										4 9/02																			
5 Address: P.O. BOX 10426, 500 N. MAIN, MIDLAND, TX 79702																				6 Page 1 of 2																			
										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										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	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 Langlie Mattix 7 Rvrs Qn Gryb																																							
020832 HOBBS L																																							
001 P-2 -23S-36E																																							
30-025-09227										P					2354	4450	30	W	2474050			2354																	
																		G	2820931	1482		4450	020809																
002 0-2 -23S-36E																																							
30-025-09228										P					1	9	30	G	0000000	1295		9	020809																
																		W	2474050		1																		
020834 MEXICO E																																							
002 N-2 -23S-36E																																							
30-025-09225										P					546	681	30	G	0000000	1218		681	020809																
																		W	2490950		546																		

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

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

2 Operator: DOYLE HARTMAN OIL OPERATOR			3 OGRID: 006473			4 Month/Year 9/02			Page 2 of 2									
			INJECTION			PRODUCTION			DISPOSITION OF OIL, GAS, AND WATER									
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
POOL NO. AND NAME			C			C					C						C	
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						12	100	30	G	0000000	1295		100	020809		
											W	2474050			12			
020834	MEXICO E																	
001	0-2 -23S-36E																	
	30-025-09224	P						11	85	30	W	0000000			11			
											G	2490930	1553		85	020809		
002	N-2 -23S-36E																	
	30-025-09225	P							2643	30	G	0000000	1218		2643	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 ☒ Amended Report

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

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

Signature

Loretta Crawford
Printed Name & Title

Production Analyst
Date

432 684-4011
Phone Number

POOL NO. AND NAME		INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
	Property No. and Name	O			O	Barrels	Barrels												
	Well No. & U-L-S-T-R	D			D	of Oil/	of	MCF	Days	D	Point	Oil	Volume	Trans-	D	on			
	API No.	E		Pres-	E	Cond.	Water	Gas	Prod.	E	Dispo-	API	Hand	porter	E	Hand			
		1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF	4	EOM			
79240	Jalmat Tansill Yates 7 Rvrs-6																		
020832	HOBBS L																		
002	0-2 -23S-36E																		
	30-025-09228	P				13		57	22	G	0000000	1218		57	020809				
										W	2474050			13					
020834	MEXICO E																		
001	0-2 -23S-36E																		
	30-025-09224	P				13		97	31	W	0000000			13					
										G	2490930	1385		97	020809				
002	N-2 -23S-36E																		
	30-025-09225	P						2569	31	G	0000000	1218		2569	020809				
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Form C-115 First Page
Revised October 17, 1993
Instructions on Reverse Side

OIL CONSERVATION DIVISION

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.

432 684-4011
Phone Number

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
P.O. Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos, Aztec, NM 84710

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

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Revised October 17, 1993
Instructions on Reverse Side
1 ☒ 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	Barrels			O	Point	Gas BTU	Oil			O	Oil						
	Well No. & U-L-S-T-R	D			D	of Oil/	of	MCF	Days	D	of	or Oil	on	Volume	Trans-	D	on						
	API No.	E		Pres-	E	Cond.	Water	Gas	Prod-	E	Dispo-	API	Hand	(Bbls/	porter	E	Hand						
		1	Volume	sure	2	Prod.	Prod.	Prod.	uced	3	sition	Gravity	BOM	MCF)	OGRID	4	EOM						
37240	Langlie Mattix 7 Rvrs Qn Gryb																						
1020834	MEXICO E																						
1002	N-2 -23S-36E																						
	30-025-09225	P					715	644	30	G	0000000	1296			18	020809							
										G	2490930	1198			626	020809							
										W	2490950				715								
79240	Jalmat Tansill Yates 7 Rvrs-G																						
1020834	MEXICO E																						
1001	0-2 -23S-36E																						
	30-025-09224	P																					
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1002	N-2 -23S-36E																						
	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

[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

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 4/02			
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		C													
Property No. and Name		O		O		Barrels	Barrels				Point	Gas BTU	Oil										
Well No. & U-L-S-T-R		D		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						
37240 Langlie Mattix 7 Rvrs On Gryb																							
020834 MEXICO E																							
0002 N-2 -23S-36E																							
30-025-09225		P					1286	568	30	G	2490930	1198		568	020809								
179240 Jalmat Tansill Yates 7 Rvrs-6										W	2490950			1286									
020834 MEXICO E																							
0002 N-2 -23S-36E																							
30-025-09225		P						2203	30	G	2490930	1198		2203	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

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													
														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														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 Qn Gryb																																									
020834 MEXICO E																																									
002 N-2 -23S-36E																																									
30-025-09225														P					442	202	23	6	2490930	1198		202	020809														
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.

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

Mexico “E” Com No. 3
(Hobbs “K” No. 2)

M-2-23S-36E

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

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

District III
1000 Rio Bravo 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 500 N. Main St., Midland, TX, 79701
Address
Mexico "E" Com 3 * M-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20833 API No. 30-025-09226 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)	2985' - 3410' (22 Holes)		3446' - 3589' (12 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/05/2002: WHSIP = 45 psig All Zones (2985' - 3589')		11/05/2002: WHSIP = 45 psig All Zones (2985' - 3589')
Oil Gravity or Gas BTU (Degrees API or Gas BTU)	1.333 MMBTU/MCF		1.333 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: 157.9 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004: Gas: 86.1 MCFPD Oil: 0 BPD Water: 36 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 % 64.7 %	Oil Gas % %	Oil Gas 0.0 % 35.3 %

ADDITIONAL DATA

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

Attachments:

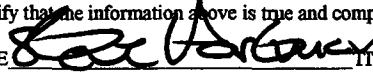
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or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

PRE-APPROVED POOLS

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

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

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

SIGNATURE  TITLE Engineer DATE 03/22/2004

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

E-MAIL ADDRESS dhoo-sh@swbell.net

* Formerly Hobbs "K" No. 2

DIVIDER PAGE

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09226	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20833	Property Name Mexico "E" Com	Well Number 3 *
GRID No. 6473	Operator Name Doyle Hartman	Elevation 3461' RKB

Surface Location

UL or lot no. M	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 660'	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	Existing Jalmat (Gas) Proration Unit S/2 S/2 Section 2, T-23-S, R-36-E Order No. R-424, 04/16/1954 (160 Acres)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 3 (Hobbs "K" No. 2) 660' FSL & 660' FWL (M) Section 2, T-23-S, R-36-E	TA'd Jalmat (Gas) Well Mexico "E" Com No. 1 660' FSL & 1320' FEL (O) Section 2, T-23-S, R-36-E		
Existing Jalmat/LM (Gas) Well Mexico "E" Com No. 2 660' FSL & 1980' FWL (N) Section 2, T-23-S, R-36-E	Infill Jalmat/LM (Gas) Well Mexico "E" Com No. 5 (Hobbs "L" No. 2) 660' FSL & 1980' FEL (O) Section 2, T-23-S, R-36-E	Infill Jalmat (Gas) Well Mexico "E" Com No. 4 (Hobbs "L" No. 1) 660' FSL & 660' FEL (P) Section 2, T-23-S, R-36-E	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number
	11-23S-36E		

* Formerly Hobbs "K" No. 2

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09226	Pool Code 37240	Pool Name Langlie Mattix (7R-Qn)
Property Code 20833	Property Name Mexico "E" Com	Well Number 3 *
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3461' RKB

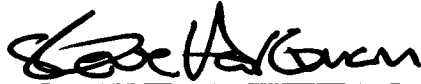
Surface Location

UL or lot no. M	Section 2	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 660'	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 40	Joint or Infill N	Consolidation Code	Order No.						

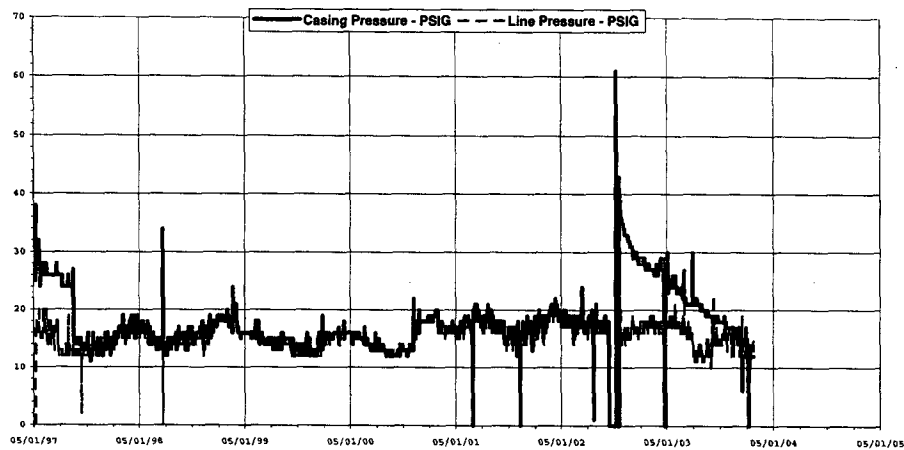
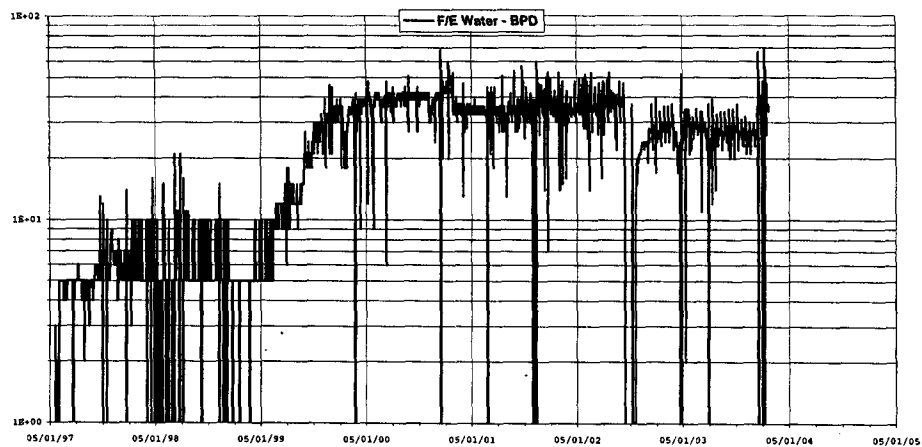
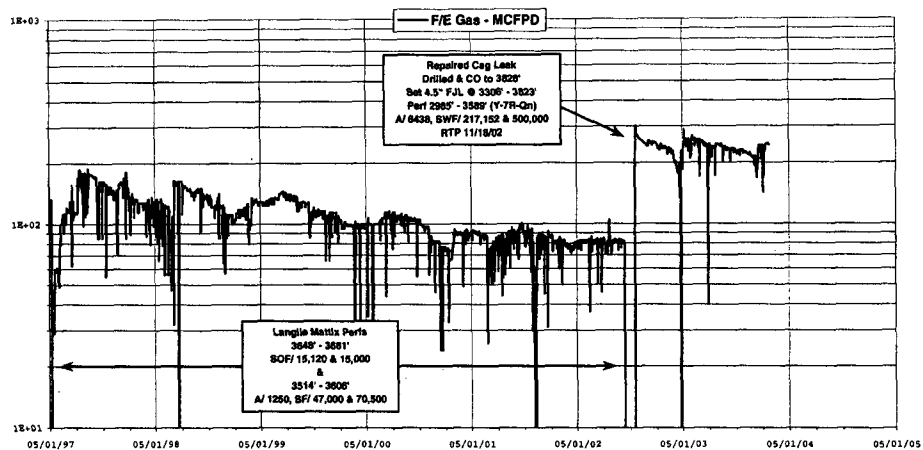
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	02-23S-36E	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
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		18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number
 3	11-23S-36E	

* Formerly Hobbs "K" No. 2

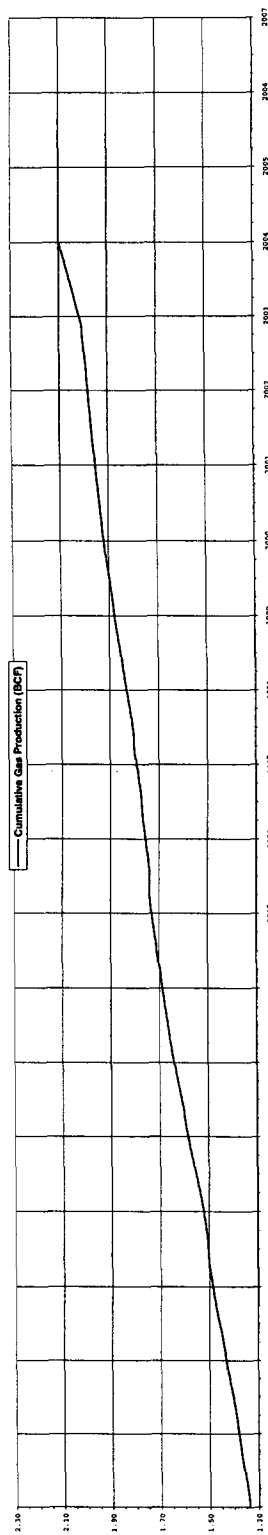
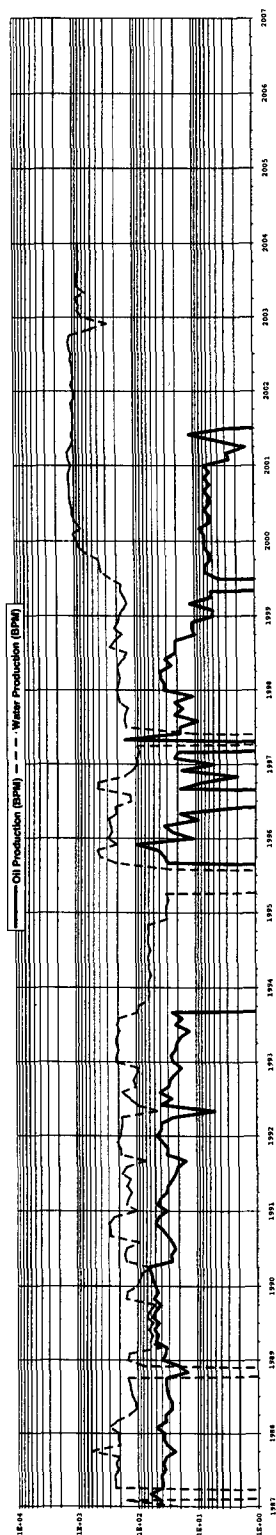
DIVIDER PAGE

Hobbs K #2 (Mexico E Com #3)
Jalmat / Langlie Mattix
M-2-23S-36E
Doyle Hartman



02/24/04: 2.111 BCF 51.3 MBO

Plot Format: C:\My Documents\DIy FE\g-w-cplp-3.plt Printed: 2/26/04



12/03: 2.099 BCF 51.3 MBO

DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 3 (Hobbs "K" No. 2)
Jalmat (2985' - 3410', 22 Holes) / Langlie Mattix (3446' - 3589', 12 Holes)
M-2-23S-36E
Doyle Hartman

02/24/2004 Total Daily Gas Production (mcfpd)	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Perforations	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
244	7.2	34	157.9	64.7
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 (%)
244	7.2	34	86.1	35.3

DIVIDER PAGE

NORTH

B

Structural Cross-Section

SOUTH

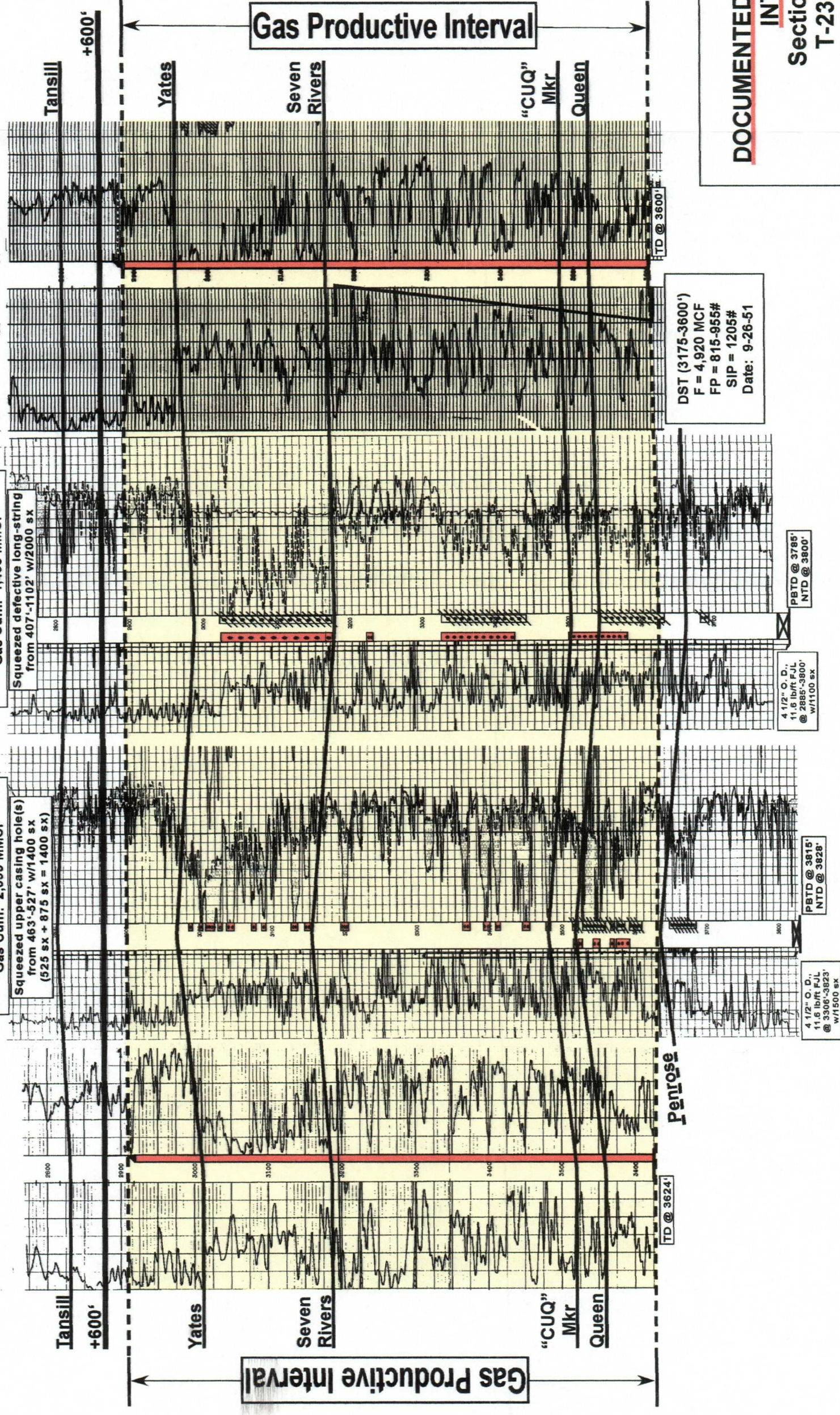
B'

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

PBTD @ 3785'
NTD @ 3800'

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

PBTD @ 3815'
NTD @ 3828'

4 1/2" O. D.,
11.5 lb/ft FUL
@ 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

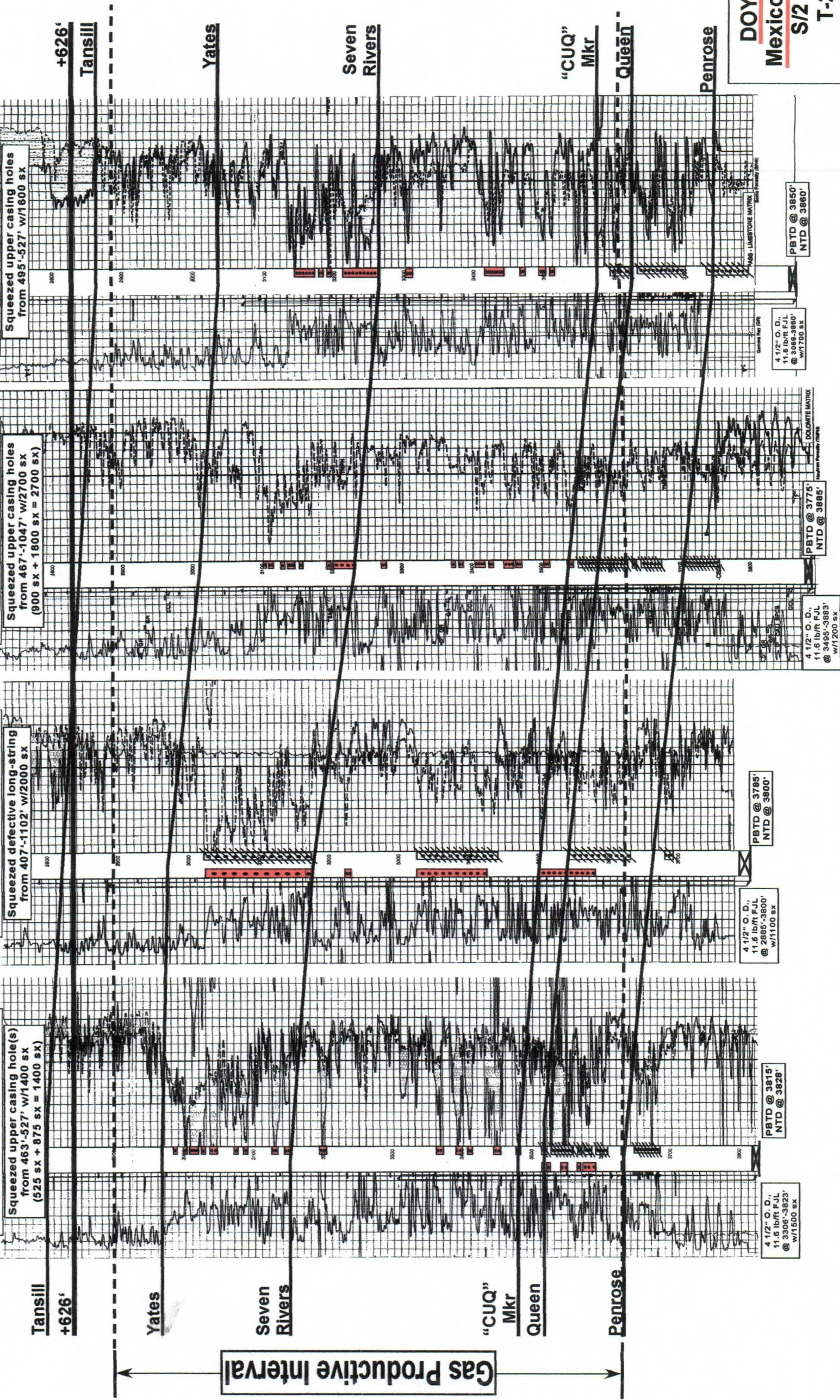
Structural Cross-Section

Doyle Hartman
Mexico "E" Com 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

Doyle Hartman
Mexico "E" Com No. 5
(Hobbs "L" No. 2)
O-02-23S-36E
Comp. Date: 12-17-59
Repair & Recomp. 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 & Recomp. 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 500 N. Main St., Midland, TX, 79701
Address
Mexico "E" Com 3 * M-2-23S-36E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 6473 Property Code 20833 API No. 30-025-09226 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)	2985' - 3410' (22 Holes)		3446' - 3589' (12 Holes)
Method of Production (Flowing or Artificial Lift)	Pumping/Flowing		Pumping/Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	11/05/2002; WHSIP = 45 psig All Zones (2985' - 3589')		11/05/2002; WHSIP = 45 psig All Zones (2985' - 3589')
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.333 MMBTU/MCF		1.333 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: 157.9 MCFPD Oil: 0 BPD Water: 0 BPD	Date: Rates:	02/24/2004; Gas: 86.1 MCFPD Oil: 0 BPD Water: 36 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 % 64.7 %	Oil Gas % %	Oil Gas 0.0 % 35.3 %

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:

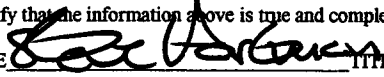
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or 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

* Formerly Hobbs "K" No. 2

DIVIDER PAGE

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09226		Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 20833	Property Name Mexico "E" Com		Well Number 3 *
GRID No. 6473	Operator Name Doyle Hartman		Elevation 3461' RKB

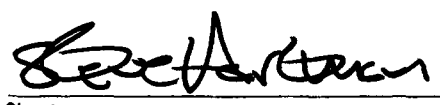
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
M	2	23S	36E		660'	South	660'	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) 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 11-23S-36E	17	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Steve Hartman Printed Name Engineer Title 03/22/2004 Date
		18	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

* Formerly Hobbs "K" No. 2

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-09226	2 Pool Code 37240	3 Pool Name Langlie Mattix (7R-Qn)
4 Property Code 20833	5 Property Name Mexico "E" Com	6 Well Number 3 *
7 OGRID No. 6473	8 Operator Name Doyle Hartman	9 Elevation 3461' RKB

10 Surface Location

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
12 Dedicated Acres 40	13 Joint or Infill N	14 Consolidation Code	15 Order No.						

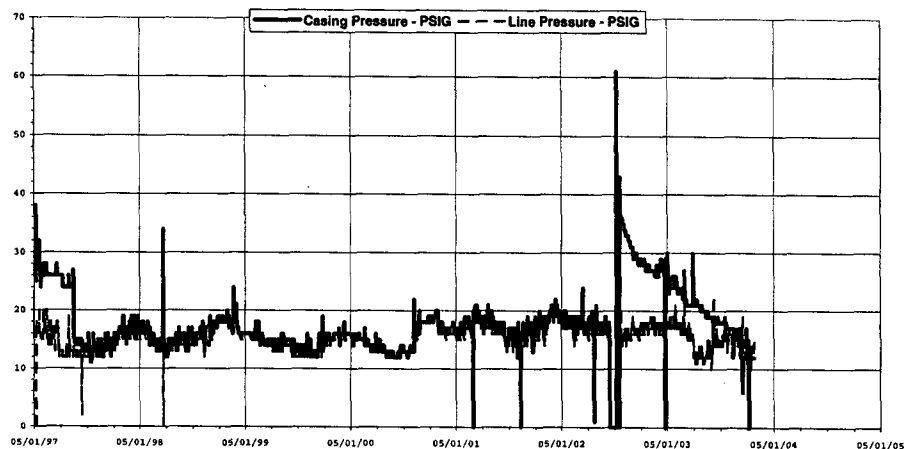
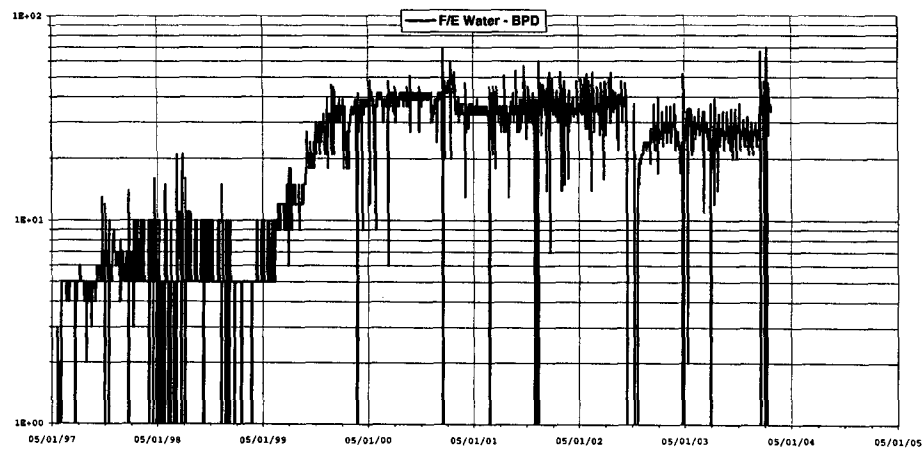
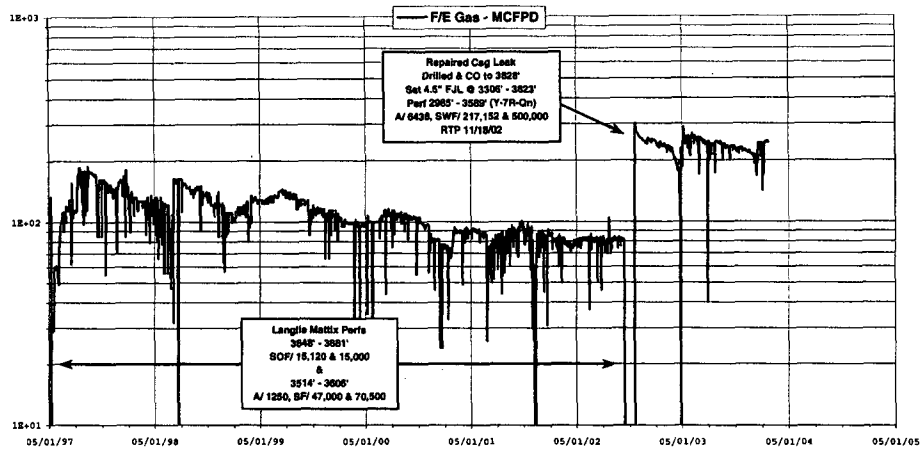
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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
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		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number
	11-23S-36E	

* Formerly Hobbs "K" No. 2

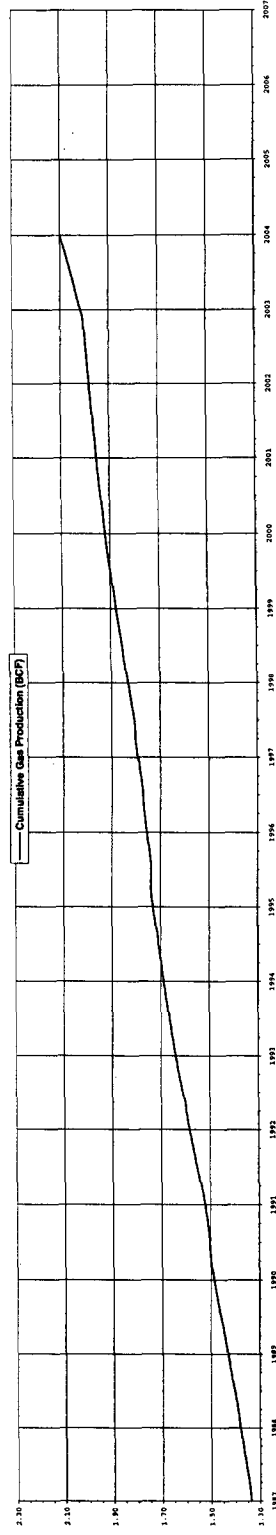
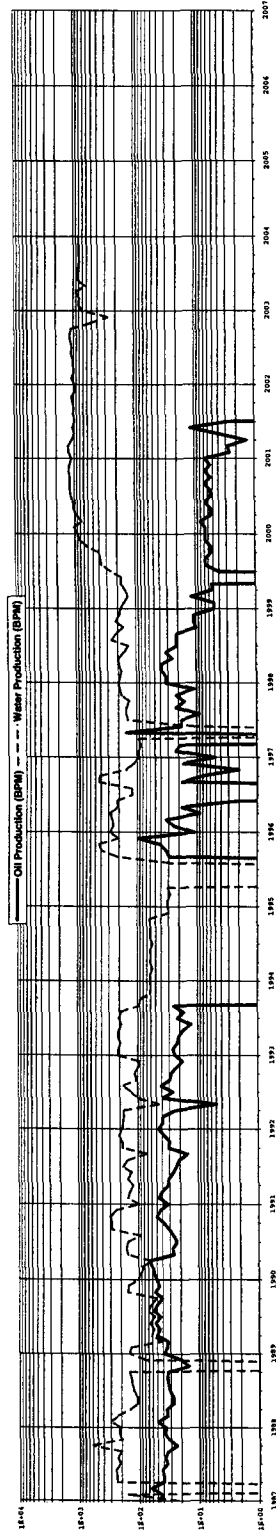
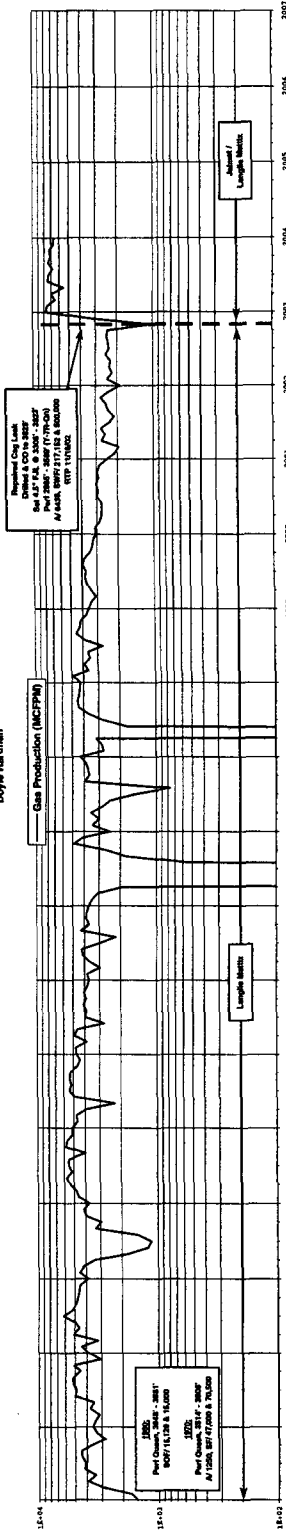
DIVIDER PAGE

Hobbs K #2 (Mexico E Com #3)
Jalmat / Langlie Mattix
M-2-23S-36E
Doyle Hartman



02/24/04: 2.111 BCF 51.3 MBO

Hobbs #2 (Nadaro E Com 83)
Jennet / Langle Matrix
84-02-235-28E
Doyle Hartman



12003 2.098 BCF 51.3 MBO

DIVIDER PAGE

Production Allocation
Mexico "E" Com No. 3 (Hobbs "K" No. 2)
Jalmat (2985' - 3410', 22 Holes) / Langlie Mattix (3446' - 3589', 12 Holes)
M-2-23S-36E
Doyle Hartman

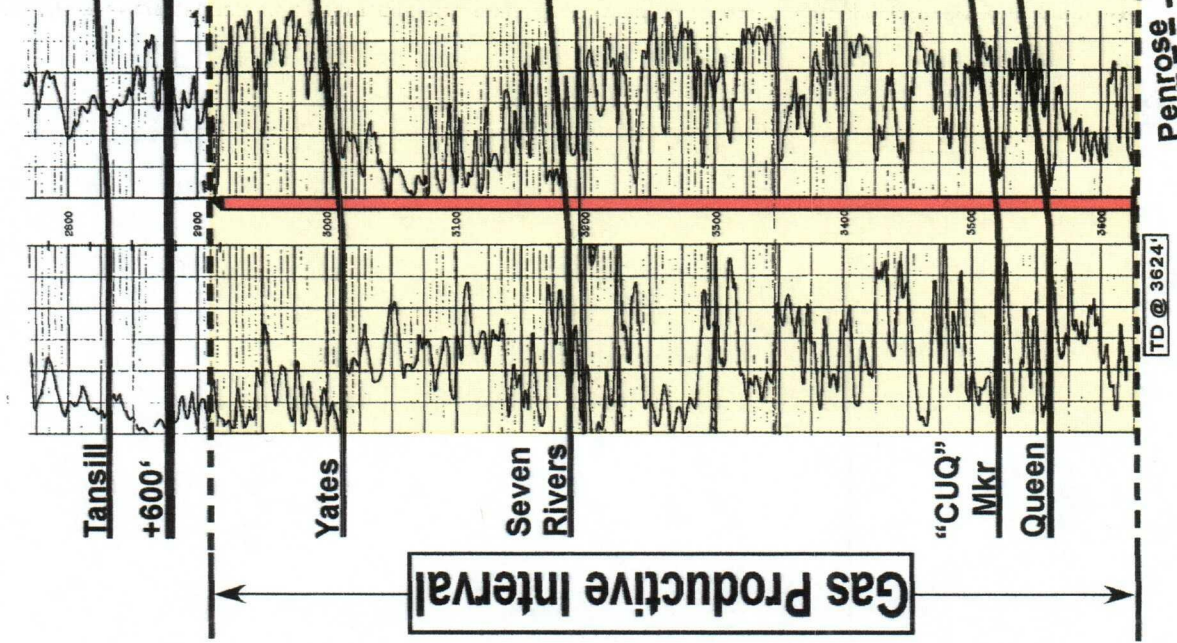
02/24/2004 Total Daily Gas Production (mcfpd)	Total Perforations	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Jalmat Perforations	02/24/2004 Jalmat Daily Gas Prod. (mcfpd)	Jalmat Gas Production Allocation (%)
244	34	7.2	22	157.9	64.7

02/24/2004 Total Daily Gas Production (mcfpd)	Total Perforations	02/24/2004 Daily Gas Prod. per Perf. (mcfpd / perf)	Total Langlie Mattix Perforations	02/24/2004 Langlie Mattix Daily Gas Prod. (mcfpd)	Langlie Mattix Gas Production Allocation (%)
244	34	7.2	12	86.1	35.3

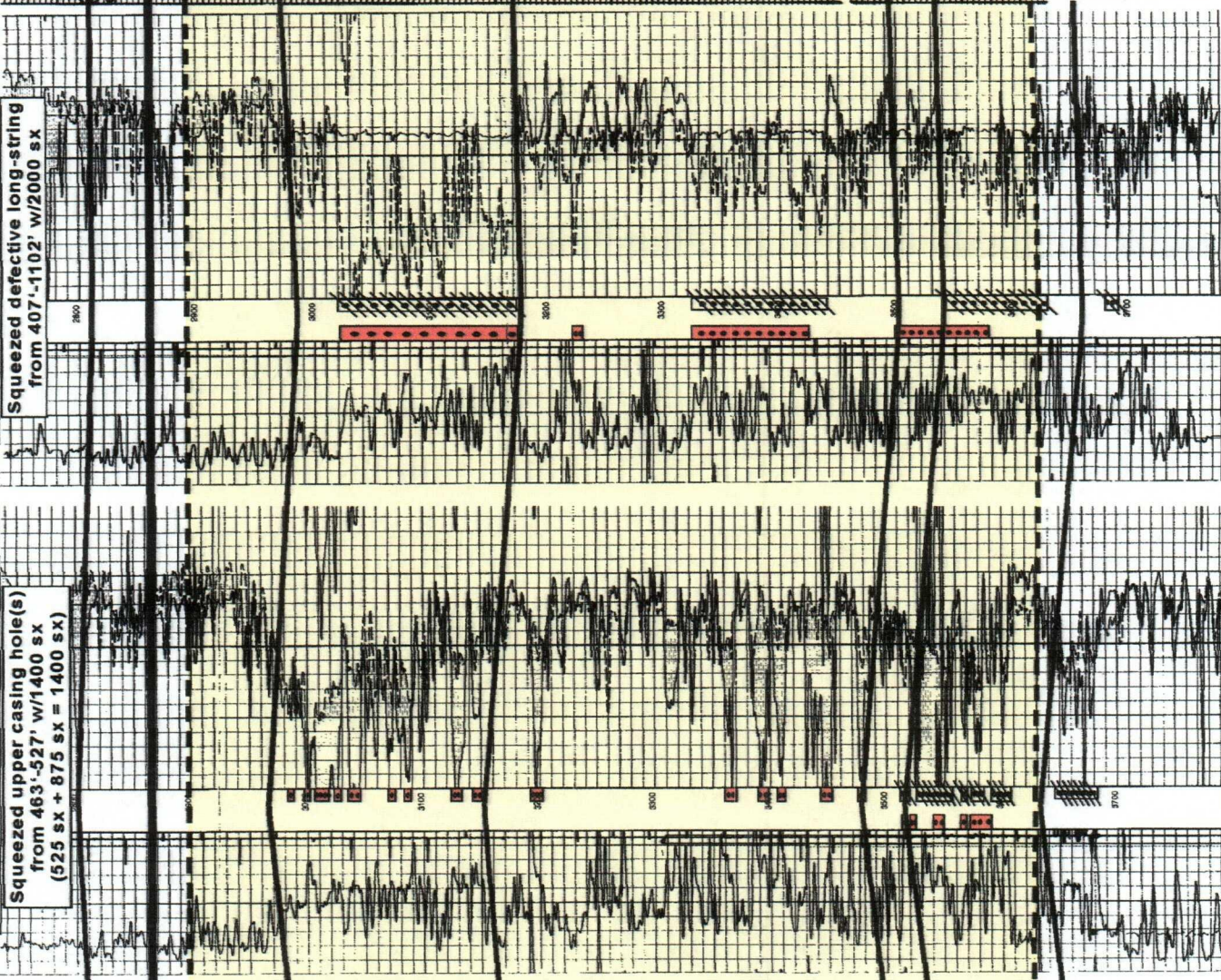
DIVIDER PAGE

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

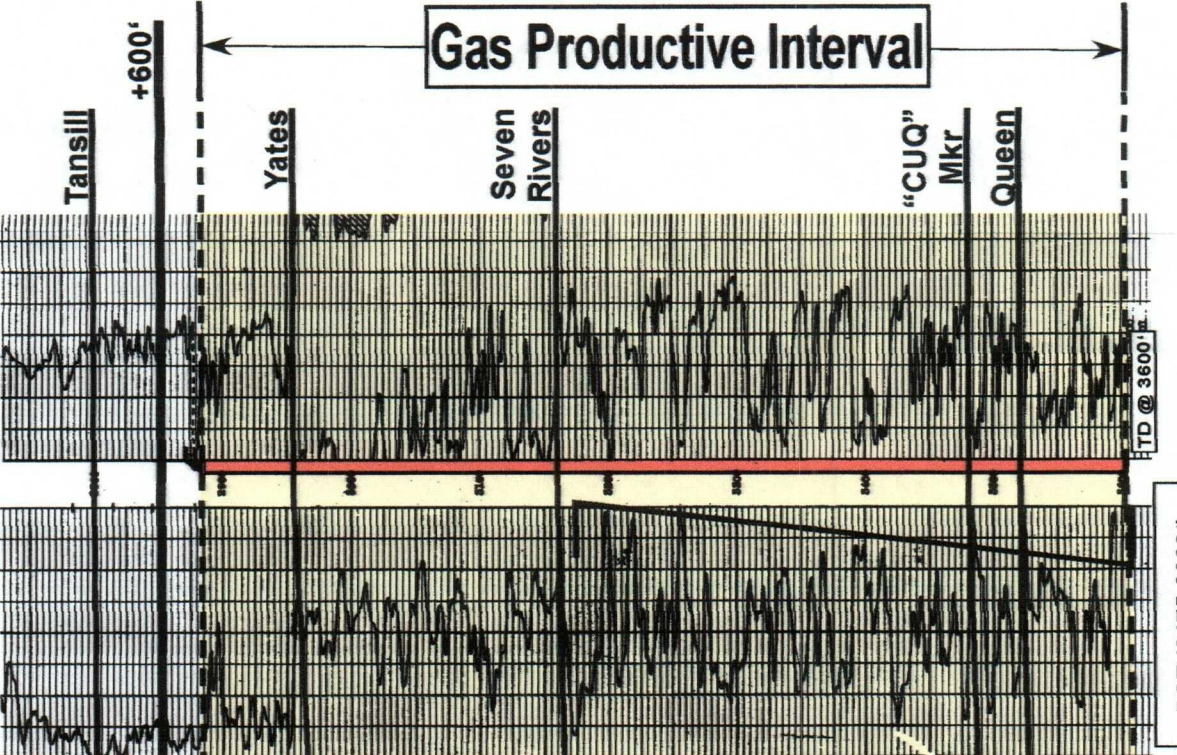
Doyle Hartman
Mexico "E" Com No. 3
(Hobbs "K" No. 2)
M-02-23S-36E
Comp. Date: 3-18-60
Repair & Recom. Date: 12-05-02
Gas Cum: 2,099 MMCF



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



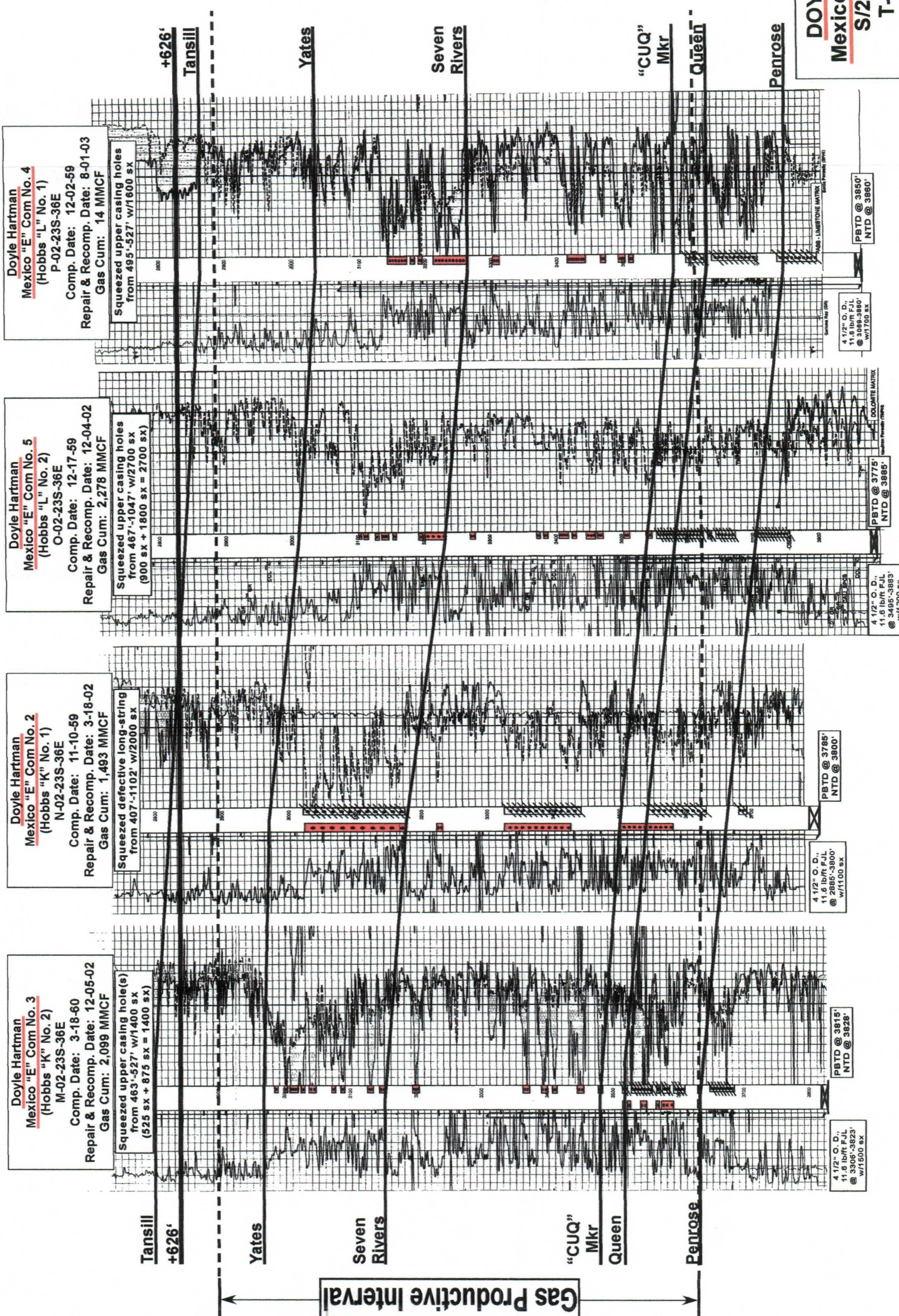
Raptor Resources, Inc.
State "A" A/C-1 No. 29
C-11-23S-36E
Comp. Date: 9-26-51
Gas Cum: 6,578 MMCF



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

DIVIDER PAGE

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