

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.	30-025-09224
Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.	B-1327
Lease Name or Unit Agreement Name	Mexico "E" Com
Well No.	1
Pool name or Wildcat	Jalmat (T-Y-7R)

**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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	Name of Operator Doyle Hartman
Address of Operator 500 N. Main St., Midland, TX 79701	Well Location Unit Letter O : 660' Feet From The South Line and 1320' Feet From The East Line Section 2 Township 23S Range 36E NMPM Lea County
Elevation (Show whether DF, RKB, RT, GR, etc.) 3443' RKB	

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

### NOTICE OF INTENTION TO:

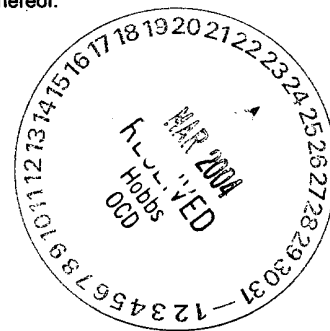
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

### SUBSEQUENT REPORT OF:

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

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

For details of completed repair operations, please refer to pages 2 of 3 thru 3 of 3 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 03/03/2004

TYPE OR PRINT NAME Steve Hartman

TELEPHONE NO. (432) 684-4011

(This space for State Use)

APPROVED BY

*Larry W. Wink*

TITLE

OG FIELD REPRESENTATIVE II/STAFF MANAGER

DATE

MAR 24 2004

CONDITIONS OF APPROVAL, IF ANY

### **Details of Completed Repair Operations**

Moved in well service unit, on 4-16-02.

Worked loose stuck 2 3/8" O.D. tubing. Pulled and laid down 3449' of 2 3/8" O.D. tubing. Lower portion of 2 3/8" O.D. tubing was corroded and covered with combustible iron sulfide.

Ran 7" Model "C" RBP and 7" Model "C" packer. Set 7" Model "C" RBP at 2645'. Set 7" Model "C" packer at 2610'. Pressure tested 7" Model "C" RBP to 1500 psi. Pressure held okay. Loaded 7" O.D. casing. Performed casing integrity test, by pressure testing 7" O.D. casing, from 0' to 2645', to 1500 psi. Pressure held okay.

Pulled 7" Model "C" packer. Ran 2 7/8" work string equipped with retrieving head. Unloaded water from hole, to blowdown tank. Pulled 7" Model "C" RBP.

Ran 6 1/4" bit and 7" casing scraper. Cleaned and foamed out 7" O.D. casing, to 2811' [top of 689-foot 5" O.D., 14.7 lb/ft slotted liner (2811' to 3500')].

Ran bottom-hole fishing assembly. Stung casing spear inside of uncemented 5" O.D. liner. Pulled and laid down 622.82' of corroded and scale-coated 5" O.D. liner. Re-ran fishing assembly. Recovered remaining 2 jts of 5" O.D. liner.

Cleaned out open hole to 3505'. Ran bottom-hole drilling assembly equipped with 6 1/4" button bit. Hooked up foam equipment. Drilled 6 1/4" hole to 3845'.

Ran 6 1/4" string-mill assembly. Rotated string-mill assembly to 3845'. Circulated hole clean. Pulled string-mill assembly.

Ran and set new 5" O.D., 15 lb/ft, J-55, LT&C liner, from 2745' to 3840'. Installed one 6 1/4" x 5" centralizer on each joint (total of 26 centralizers).

Ran and set 7" Model "C" packer at 2623'. Achieved zonal isolation, by squeeze cementing new 5" O.D. liner into place, at an average cementing rate of 13.5 BPM, utilizing 2000 cu. ft. (1600 sx) of cement slurry, consisting of 300 sx of API Class "C" cement containing 2.5% CaCl<sub>2</sub>, followed by 750 sx of API Class "C" cement containing 2.5% CaCl<sub>2</sub>, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 450 sx of API Class "C" cement containing 2.5% CaCl<sub>2</sub>. Pumped cement at an average pump pressure of 3300 psi. Displaced cement with 16.8 bbl of water. Staged to a final pressure of 1928 psi.

Page 3 of 3  
NMOCD Form C-103 dated March 3, 2004  
Doyle Hartman  
Mexico "E" Com No. 1  
O-2-23S-36E  
API No. 30-025-09224

Ran large-bore and small-bore bottom-hole drilling assemblies. Drilled cement to 3827'. Circulated hole with clean 2% KCl water.

Pressured 7" O.D. casing to 1500 psi. Tied Halliburton to 9 5/8" O.D. casing. While continuing to hold pressure on inside of 7" O.D. casing, cemented external upper portion of 7" O.D. casing string, by pumping down 9 5/8" x 7" casing annulus (0' to 1318') with 525 cu. ft. (400 sx) of API Class "C" cement containing 3% CaCl<sub>2</sub>, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele. Maximum pump rate was 7 BPM. Final pump rate was 1 BPM, at 470 psi.

Select-fire perforated Y-7R gas-productive interval with (32) 0.38" x 17" holes, from 3133' to 3597'. Acidized perfs with 7000 gal of 15% MCA acid and 40 ball sealers. Balled off all perfs.

Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string. Commenced recovering load, at 11:00 A.M., 5-11-02.

FIELD V  
JALMAT

OPERATOR  
3ETTY OIL

DATE OF WELL STATUS  
9-16-77

LEASE NAME

MEXICO "E" #42883

WELL NO.

1

WELL LOCATION

UNIT LETTER 1320 FEET FROM EAST LINE AND  
660 FEET FROM SOUTH LINE. SEC. 2 T 35 S R 36 E

MEASUREMENT DATUM ELEV. 3443' (GL DF KB) TOTAL DEPTH 3500 PBTD 3500

9-5/8", 36# CASING CMT'D. @ 1318 FT. WITH 500 SX CMT.  
HOLE SIZE \_\_\_\_\_", TOP OF CMT. OUTSIDE CASING @ \_\_\_\_\_ FT.  
HOW TOP OF CMT. DETERMINED \_\_\_\_\_

PERFORATED INTERVAL(S) Slotted LINER  
@ 2900' - 3500' (YATES)

\*NOW SQUEEZED

OPEN HOLE INTERVAL 2900' - 3500'  
2-3/8", 47# TBG. @ 3461 FT. PKR. @ \_\_\_\_\_

Liner  
TOP  
2811

5", 14.7# J-55 @ 2811' - TD  
slotted pr. 2900' - TD

7", 20# CASING CMT'D. @ 2900 FT. WITH 300 SX CMT.  
HOLE SIZE \_\_\_\_\_", TOP OF CMT. OUTSIDE CASING @ \_\_\_\_\_ FT.  
HOW TOP OF CMT. DETERMINED \_\_\_\_\_

FORM 10-38-605

# SKELLY OIL COMPANY DRILLERS REPORT

LEASE NAME MEXICO E WELL NO. 1 DATE 9-15-77  
CONTRACTOR CLARK KIND OF TOOLS DOUBLE DOWNER

ON TOUR: <u>6:00 A.M. TO 4:30 P.M.</u>			DRILLER:
FORMATION	FROM	TO	REMARKS
			<u>RAN TB &amp; BIT &amp; Merged</u> <u>Bottom AT 03500' (NO FILL UP)</u> <u>PULLED 2-3/8" TB &amp; LAYED DOWN</u> <u>2-7/8" OD DRILL PIPE &amp; 4" OD DRILL</u> <u>PIPE &amp; 6-1/4" BIT. PICKED UP &amp;</u> <u>RAN 18' &lt; 688.69' LTM) 5" OD</u> <u>14.7" IF 55 7L-35 ATLAS-BRAND</u> <u>"A" COND C&amp;S P/LINE (510' LTM) &amp; 5"</u> <u>X 2-3/8" OD LEFT HAND SETTING TOOL &amp;</u> <u>90' &lt; 2805.25' 2-3/8" OD LUE 8-11</u>
* RIG TIME DATA		HOURS	
DAY WORK THIS TOUR:			HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE HRS. STANDBY

ON TOUR			DRILLER:
FORMATION	FROM	TO	REMARKS
			<u>TB &amp; SET LINE ON BOTTOM</u> <u>FROM 03500' TO 2811' W/PLATS ON</u> <u>PIPE FROM 3500 TO 2900' PULLED 2-3/8"</u> <u>OD TB &amp; SETTING TOOL &amp; 50' IN.</u>
* RIG TIME DATA		HOURS	
DAY WORK THIS TOUR:			HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE HRS. STANDBY

ON TOUR			DRILLER:
FORMATION	FROM	TO	REMARKS
* RIG TIME DATA		HOURS	
DAY WORK THIS TOUR:			HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE HRS. STANDBY

CASING RECORD									
SIZE	WT.	THD.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT	
5"	14.7	FL-35	18	3500	688.69'	ATLAS-BRAND (LINE)			
NOTE: DID NOT CEMENT LINE - TOP OF 5" LINE AT 2811'									

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	DEPTH IN	SIZE	
WT.									
VIS.									
W.L.									
PH.									
F.G.									

DEPTH PREVIOUS REPORT TP 3500 FT. DEPTH THIS REPORT TP 3500 FT. GAS USED \_\_\_\_\_ HRS. WATER USED \_\_\_\_\_ BBLs  
TOTAL DAY WORK THIS TOUR: 0 HRS. WITH DRILL PIPE 10 1/2 HRS. WITHOUT DRILL PIPE 0 HRS. STANDBY

SIGNED Ray Munro CHECKED Mark J. Quade  
DRILLER SUPERINTENDENT

\* Show total hours each day for Drilling, Coring, DST, Logging, Shot Down, Running Casing, WOC, Completing, Loss Circulation, etc.  
Under REMARKS, Describe fully all above and Water, cause of Shot Down, Fishing Jobs, Casing, etc., Steel Pipe correction and all pertinent information not show elsewhere on report.