Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.	30-025-26616
5 Indicate Type of Lease	STATE [X] FEE [ ]
6 State Oil & Gas Lease No.	B-1431

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.)

7 Lease Name or Unit Agreement Name	State "LMT"
1 Type of Well: OIL WELL [ ] GAS WELL [X] OTHER	
2 Name of Operator: Doyle Hartman	8 Well No.: 9
3 Address of Operator: 500 N. Main St., Midland, TX 79701	9 Pool name or Wildcat: Jalmat (T-Y-7R) Gas

4 Well Location

Unit Letter C : 780' Feet From The North Line and 1860' Feet From The West Line

Section 36 Township 23S Range 36E NMPM Lea County

10 Elevation (*Show whether DF, RKB, RT, GR, etc.*): 3333' GR

11 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 OPNS.	[ ]	PLUG AND ANBANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			Install 4 1/2" FJL	[X]		
OTHER:	[ ]			OTHER: Perforate & Acidize Jalmat	[X]		

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 operations, please refer to pages 2 of 5 thru 5 of 5 attached hereto, and made a part hereof.

RECEIVED
APR 2004
Hobbs OCD

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

SIGNATURE [signature] TITLE Engineer DATE 04/02/2004

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

(This space for State Use)

APPROVED BY [signature] TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE APR 07 2004

CONDITIONS OF APPROVAL, IF ANY:

Details of Completed Operations

Moved in and rigged up well service unit, on 03-09-04. Pulled and laid down 3/4" rod string. Pulled and laid down 2-3/8" O.D. tubing.

Rigged up welder. Installed 5-1/2" slip-by-thread collar. Installed B&M Oil Tool 5-1/2" x 2-3/8" x 3-1/2" 3000-psi Type-MR tubinghead.

Ran and set 5-1/2" Model "C" RBP at 2820'. Loaded 5-1/2" O.D. casing. Pressure tested 5-1/2" O.D. casing to 3000 psi. Pressure held okay.

Hooked up air unit. Unloaded water from hole, to blowdown tank. Pulled 5-1/2" Model "C" RBP.

Ran 178.84' bottom-hole drilling assembly, consisting of (6) 3-1/2" O.D. drill collars and 4-3/4" bit. Tagged fill at 3205'. Established circulation. Cleaned out fill, from 3205' to 3340'. Drilled 4-3/4" hole to 3350'. Circulated hole clean and dry. Pulled bottom-hole drilling assembly.

Ran 533.58' bottom-hole assembly equipped with (18) 3-1/2" O.D. drill collars and 4-3/4" button bit. Drilled 4-3/4" hole to 3390'. Circulated hole clean and dry. Pulled bottom-hole drilling assembly.

Ran string-mill assembly consisting of 4-3/4" bit, (3) 4-3/4" O.D. string mills, (18) 3-1/2" O.D. drill collars. Rotated string-mill assembly down hole, and cleaned out open hole, from 2895' to 3390'. Pulled string-mill assembly.

Ran bottom-hole cleanout assembly consisting of 4-3/4" bit, jet sub, and (18) 3-1/2" O.D. drill collars. Cleaned and jetted open hole, from 2890' to 3384'. Made (3) 18-joint short trips. Cleaned out fill after each short trip. Pulled cleanout assembly.

Made up and ran 15-joint (578.06'), 4-1/2" O.D., 11.6 lb/ft, flush-joint liner. Set down at 3030'. Pulled and laid down 5-1/2" O.D. flush-joint liner.

Ran 503.50' string-mill assembly consisting of (2) 4-3/4" O.D. string mills, (1) 4-7/8" O.D. string mill, and (16) 3-1/2" O.D. drill collars. Rotated and worked string-mill assembly down hole. Hit tight spots at 2987', 3030', 3248', and 3290'.

Made 18-joint short trip. Hit fill at 2991'. Cleaned out from 2991' to 3056'. Continued rotating and circulating down hole. Tagged fill at 3350'.

Continued circulating and cleaning out open hole, for one additional day. Made 18-joint short trip. Shut down for night. Left well flowing up backside, to blowdown tank. Found 16' of fill.

Cleaned out fill. Pulled string-mill assembly.

Ran and landed 15-joint (581.25'), 4-1/2" O.D., 11.6 lb/ft, flush-joint liner, from 2802' to 3383' (7' of fill). Pumped 30 bbls of water down 2-7/8" O.D. work string, to clear liner. Pulled 2-7/8" O.D. work string.

Ran and set 5-1/2" Model "C" packer at 2663'. Loaded and pressured 5-1/2" O.D. casing to 300 psi. Squeezed 4-1/2" O.D. liner into place, utilizing 1300 sx (1700 cu. ft.) of cement slurry, consisting of 400 sx of API Class "C" cement containing 2.5% $CaCl_2$, followed by 750 sx Class "C" cement containing 2.5% $CaCl_2$, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 150 sx of API Class "C" cement containing 1.5% $CaCl_2$, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele. Pumped cement at an average pump rate of 11.3 BPM, and average pump pressure of 3900 psi. Displaced cement with 16.5 bbls of water. Staged to a final pressure of 3360 psi. Pulled 5-1/2" Model "C" packer.

Ran 480.41' bottom-hole drilling assembly consisting of 4-3/4" bit, 5-1/2" casing scraper, and (16) 3-1/2" O.D. drill collars. Tagged cement at 2670'. Drilled cement to 2802' (top of 4-1/2" O.D. liner). Circulated hole clean. Pulled and laid down large-bore bottom-hole assembly and 2-7/8" O.D. workstring.

Ran 181.75' small-bore bottom-hole assembly consisting of 3-7/8" blade bit and (6) 3-1/8" drill collars. Drilled cement from 2802' to 2837'. Shut down for remainder of day, for cement to reach maximum hardness.

Drilled hard cement, from 2837' to 3375'. Circulated hole clean. Pressure tested wellbore, from surface to 3375', to 3200 psi, for 20 minutes. Pressure held okay. Pulled and laid down small-bore bottom-hole assembly.

Ran 3-7/8" bit and 4-1/2" casing scraper. Scraped 4-1/2" O.D. liner, from 2802' to 3375'. Pulled 3-7/8" bit and 4-1/2" casing scraper.

Rigged up Schlumberger. Logged well with VDCBL-GR-CCL log and SAS-CNL-GR-CCL log. Ran 2-3/8" O.D. tubing to 3284'. Hooked up air unit. Unloaded water from wellbore, to blowdown tank. Pulled 2-3/8" O.D. tubing.

Select-fire perforated with (27) 0.38" x 17" holes, with one shot each at:

2929	2969	2989	3065	3124	3187
2933	2971	3002	3107	3126	3189
2938	2976	3006	3110	3138	
2943	2981	3011	3114	3141	
2961	2984	3016	3118	3144	

Ran 4-1/2" Model "C" RBP and 4-1/2" Model "C" packer. Set 4-1/2" Model "C" RBP at 3245'. Landed 4-1/2" Model "C" packer at 3212'. Spotted acid by pumping 1 bbl of 2% KCl water, followed by 100 gal of 15% MCA acid, followed by 0.5 bbl of 2% KCl water. Allowed acid to fall and equalize.

Raised and set 4-1/2" Model "C" packer at 3050'. Acidized perfs, from 3065' to 3189', with an additional 2300 gal of 15% MCA acid and 18 sealers, at an average treating rate of 4.1 BPM, and average treating pressure of 1746 psi. Flushed with 15 bbls of 2% KCl water. Balled off on 15th ball and 18th ball.

Raised and set 4-1/2" Model "C" RBP at 3050'. Landed 4-1/2" Model "C" packer at 3035'. Spotted acid by pumping 150 gal of 15% MCA acid, followed by 0.5 bbls of 2% KCl water. Raised and set 4-1/2" Model "C" packer at 2892'. Acidized perfs, from 2929' to 3016' (15 holes), with 2950 gal of 15% MCA acid and 23 ball sealers, at an average treating rate of 4.2

BPM and average treating pressure of 1523 psi. Maximum treating rate = 4.4 BPM. Flushed with 14 bbls of 2% KCl water. Balled off at 3100 psi (22nd ball). ISIP = 0 psi.

Pulled and laid down 4-1/2" Model "C" packer and 4-1/2" Model "C" RBP.

Ran and landed 2-3/8" O.D. tubing at 3287' RKB (102 jts @ 31.97 ft/jt + 1.1 SN + 18' MA - 3 AGL + 10' KBC = 3287.1'). Ran 2" x 1-1/4" x 12' RHAC insert pump and 3/4" API Class "KD" rod string. Started pumping well and recovering load, at 5:30 PM, CST, 03-29-04, at 7 Spm x 64" x 1-1/4".