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.	30-025-11300
5 Indicate Type of Lease	STATE [ ] FEE [X]
6 State Oil & Gas Lease No.	5060

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1 Type of Well: OIL WELL [ ] GAS WELL [X] OTHER	7 Lease Name or Unit Agreement Name: J. W. Sherrell
2 Name of Operator: Doyle Hartman	8 Well No.: 5
3 Address of Operator: 500 N. Main St., Midland, TX 79701	9 Pool name or Wildcat: Jalmat (T-Y-7R)

4 Well Location

Unit Letter N : 990' Feet From The South Line and 2172' Feet From The West Line

Section 31 Township 24S Range 37E NMPM Lea County

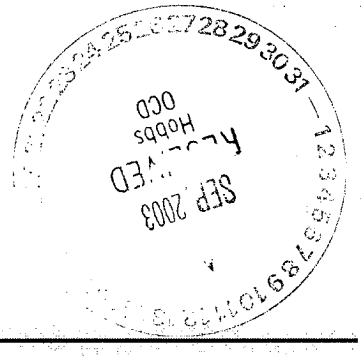
10 Elevation (*Show whether DF, RKB, RT, GR, etc.*) 3242' GR

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 5" O.D. Liner	[X]		
OTHER:	[ ]			OTHER: Return Well to Active Producing Staus			[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 page 2 of 3 and 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 [signature] TITLE Engineer DATE 09/09/2003

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. (915) 684-4011

(This space for State Use)

APPROVED BY [signature] TITLE PETROLEUM ENGINEER DATE MAY 03 2004

CONDITIONS OF APPROVAL, IF ANY:

DETAILS OF COMPLETED OPERATIONS

On 6/18/02, moved in well service unit. Ran 6 1/4" bit and (1) 4 3/4" drill collar. Commenced drilling surface plug, at a depth of 20' RKB, at 4:00 P.M., CDT, 8-22-00. Fell through bottom of surface plug at 182' RKB.

Lowered bottom-hole assembly. Tagged cement at 1103' RKB. Drilled cement from 1103' to 1495' RKB. Lowered bottom-hole assembly. Tagged cement at 2480' RKB. Drilled cement from 2480' to 2645' RKB. Pressure tested 7" O.D. casing, from 0' to 2645' RKB, to 600 psi. Pressure held okay.

While holding 600 psi on 7" O.D. casing, pressure tested 9 5/8" x 7" casing annulus to 500 psi. Pressure dropped to 0 psi in 12 seconds. Pumped into 9 5/8" x 7" annulus at ¼ BPM and 350 psi. Pressure tested 7" O.D. casing, from 0' to 2645' RKB, to 1500 psi. Pressure held okay.

Drilled cement, from 2645' to 2695' RKB. Resumed drilling w/ air, from 2695' to 3275'. Drilled new hole, from 2720' to 3275' RKB.

Ran 5" O.D., 15 lb/ft liner (687'). Landed bottom of 5" O.D. liner at 3273', with top of liner at 2585'. Cleared liner with 30 bbls of 2% KCl water. Pulled 2 7/8" O.D. work string and liner setting tool.

Ran 2 7/8" O.D. work string and 7" Model "C" packer. Set 7" Model "C" packer at 2485'. Squeeze cemented 5" O.D. flush-joint liner into place, with 1400 sx of cement slurry consisting of 400 sx of API Class "C" cement containing 2.5% $CaCl_2$, followed by 1000 sx of API Class "C" cement containing 2.5% $CaCl_2$, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele. Back wash and POOH w/ tbg and pckr. Cement down 9 5/8" x 7" annulus w/ 90 sx of API Class "C" cement containing 3% $CaCl_2$, 5 lb/sx Gilsonite, 0.5 lb/sx Flocele. Cement cellar can w/ 100 sx of API Class "C" cement containing 3% $CaCl_2$.

Pulled 2 7/8" O.D. work string and 7" Model "C" packer.

Ran 2 7/8" O.D. work string and 366' bottom-hole drilling assembly consisting of (12) 4 3/4" O.D. drill collars and 6 1/4" tri-cone bit. Drilled cement to top of 5" O.D. liner, at 2585'. Circulated hole clean. Pulled and laid down 2 7/8" O.D. work string and 4 3/4" O.D. drill collars.

Ran 2 3/8" O.D. tubing and 179' bottom-hole drilling assembly consisting of (6) 3 1/8" O.D. drill collars and 4 1/4" blade bit. Drilled cement to new PBTD of 3265'. Circulated hole clean. Pressure tested 7" O.D. casing, from 0' to 3265' RKB, to 2000 psi. Pressure held okay. Pulled and laid down 3 1/8" O.D. drill collars.

Ran 2 3/8" O.D. tubing equipped with 4 1/4" bit and 5" casing scraper. Pulled and laid down 4 1/4" bit and 5" casing scraper.

Rigged up Schlumberger. Logged well with DAS-CNL-GR-CCL log and VDCBL-GR-CCL log.

Ran 2 3/8" O.D. tubing to 3223'. Hooked up high-volume air-foam circulating unit. Unloaded water from wellbore.

Rigged up Capitan Corporation wireline truck. Perforated Jalmat interval, with 3 1/8" O.D. select-fire casing gun, with (23) 0.38" x 19" holes, with one shot each as follows:

2747	2816	2849	2876
2769	2820	2852	2880
2796	2824	2854	2882
2800	2835	2860	2884
2804	2839	2865	2908
2808	2843	2872	

Ran 2 3/8" O.D. tubing and 5" Model "C" packer. Set 5" Model "C" packer at 2944'. Spotted acid across perfs, by pumping down tubing with 180 gal of 15% MCA acid, followed by 0.5 bbl of 2% KCl water. Set 5" Model "C" packer at 2645'. Spotted acid across perfs, by pumping down tubing with 500 gal of 15% MCA acid. Allowed acid to fall and equalize.

Acidized Jalmat perfs, from 747'-2908' (23 holes), with an additional 4320 gal of 15% MCA acid and 30 ball sealers, at an average treating rate of 3.8 BPM, and average treating pressure of 2100 psi. Flushed acid with 15.1 bbls of 2% KCl water. Max treating pressure = 3000 psi, at ballout. ISIP= 1304 psi. 5-min SIP = 1192 psi. 10-min SIP = 924 psi. 15-min SIP = 0 psi.

Pulled and laid down 5" Model "C" packer and 5" Model "C" RBP.

Rigged up Halliburton, on 12/10/02. Performed CO_2 foam frac, at an average treating rate of 25.2 BPM, and average wellhead treating pressure of 1615 psi, utilizing 175,501 gal of gelled water and CO_2 (55% CO_2) and 400,000 lbs of frac sand.

Ran and landed 2 3/8" O.D. production tubing at 3162' RKB (95 jts @ 33.03'/jt + 1.1' SN + 18' MA - 3' AGL + 8' KBC = 3161.95'). Ran 3/4" API Class"KD" rod string and 2" x 1 1/4" x 12' RHAC top-hold-down insert pump. Started pumping well, at 8.75 Spm x 64" x 1 ¼". Returned well to active producing status.