Submit 3 Copies to Appropriate District Office

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

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

Form C-103
Revised 1-1-89

WELL API NO.
30-045-09630

5. Indicate Type of Lease STATE [ ] FEE [X]

6. State Oil & Gas Lease No.

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.)

RECEIVED
DEC 18 1998
OIL CON. DIV.
DIST. 3

7. Lease Name or Unit Agreement Name

1. Type of Well: OIL WELL [ ] GAS WELL [X] OTHER:

2. Name of Operator
ROBERT L. BAYLESS

8. Well No.
HELEN HARTMAN #1

3. Address of Operator
P.O. BOX 168 FARMINGTON, NM 87499

9. Pool name or Wildcat
BLANCO MESA VERDE

4. Well Location
Unit Letter P : 1190 Feet from the SOUTH Line and 1190 Feet from The EAST Line

Section 8 Township 30N Range 11W NMPM SAN JUAN County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
5571 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 ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER:			[ ]	OTHER: WORKOVER			[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.

SEE ATTACHED REPORT

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

SIGNATURE [signature] TITLE ENGINEER DATE 12/16/98

TYPE OR PRINT NAME Price Bayless TELEPHONE NO. (505) 327-2659

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE DEC 18 1998

CONDITIONS OF APPROVAL, IF ANY:

ROBERT L. BAYLESS
HELEN HARTMAN #1
1190 FSL & 1190 FEL
SESE, SECTION 8, T30N R11W
SAN JUAN COUNTY, NEW MEXICO

MESA VERDE RECOMPLETION REPORT

1/6/98 Moved in and rigged up Aztec Well Service rig # 157. Blew down well. Killed well with 80 barrels of water. Nipple down wellhead. Nipple up BOP. Tagged fill in well at 6635 ft RKB (2 feet of rathole below bottom Dakota formation perforation). Tripped 202 jts of 1 ½ " 2.75 #/ft J55 NUE tubing out of hole, laying down on float. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,880	Engineering:	$ 550
Rentals:	$ 500	Trucking:	$ 1,335
Water Hauling:	$ 143	Drywatch:	$ 250

Previous:	$ 2,500
Daily:	$ 4,658
Cumulative:	$ 7,158

1/7/98 Rigged up Blue Jet wireline. Ran gauge ring on wireline through bottom DV tool at 4570 ft. Set 4 ½ " Halliburton "P" type bridgeplug at 4560 ft (10 ft above bottom DV tool), sealing off Dakota perforations. Pick up 2 3/8" 4.7 #/ft J55 EUE new tubing and run in hole to 4528 ft. Fill hole with 1% KCL water. Pressure tested casing and bridgeplug to 1500 psi, held OK. Tripped tubing out of hole. Run GR-CLL-CBL from 4560 ft to 3500 ft under 1000 psi pressure. The Cement bond looks OK across the Mesa Verde perforation interval. Perforated the Point Lookout interval with 2 JSPF using 3 1/8" casing guns as follows:

4290 - 4302	12 ft	25 holes
4318 - 4336	18 ft	37 holes
4341 - 4349	8 ft	17 holes
4354 - 4360	6 ft	13 holes
4378 - 4380	2 ft	5 holes
4395 - 4398	3 ft	7 holes
4419 - 4424	5 ft	11 holes
4477 - 4480	3 ft	7 holes
Total	57 ft	122 holes

Pick up retrievable packer on tubing and trip in hole to 4480 ft. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,880	Engineering:	$ 550
Wireline:	$ 6,950	Trucking:	$ 190
Drywatch:	$ 250		
Daily:	$ 9,820		
Cumulative:	$ 16,978		

1/8/98 Rigged up Halliburton Services. Spotted 250 gal of 7 1/2% HCL acid across the Point Lookout perforation interval. Moved tubing and set packer at 4186 ft RKB. Broke down perforations immediately down the tubing. Established an injection rate of 4.0 BPM @ 1130 psi, ISIP = 100 psi (.46 frac gradient). Acidized Point Lookout interval with 500 gal of 7 1/2% DI weighted HCL acid containing 183 1.1 sg RCN ball sealers, 4.0 BPM @ 900 psi, ISIP = 600 psi. Saw very good ball action, but did not balloff. Released packer and tripped below perforations to knock ball sealers off perforations. Trip tubing and packer out of hole. Fracture stimulated the Point Lookout interval with 120,000 gallons of slickwater containing 116, 250 lbs of 20/40 Arizona sand proppant as follows:

32,000 gal pad	41 BPM @ 950 psi
6,000 gal of 0.5 ppg 20/40 sand	42 BPM @ 650 psi
32,000 gal of 1.0 ppg 20/40 sand	47 BPM @ 800 psi
37,500 gal of 1.5 ppg 20/40 sand	46 BPM @ 850 psi
12,500 gal of 2.0 ppg 20/40 sand	45 BPM @ 925 psi
2,900 gal flush	45 BPM @ 950 psi

Shutin pressure was 500 psi, decreasing to 80 psi after 15 minutes. All water contained 1% KCL and 1/2 gal/1000 clay stabilization agent. Average rate 44 BPM, average pressure 850 psi, maximum pressure 1000 psi, minimum pressure 600 psi. Total fluid to recover is 3,053 bbls. Rigged up Bluejet wireline. Set 4 1/2" drillable "P" type bridgeplug at 4280. Pressure tested casing and plug to 1500 psi, held OK. Perforated Menefee interval as follows:

3997 - 4003	6 ft	13 holes
4021 - 4031	10 ft	21 holes
4102 - 4106	4 ft	9 holes
4128 - 4132	4 ft	9 holes
4166 - 4170	4 ft	9 holes
4173 - 4179	6 ft	13 holes
4214 - 4217	3 ft	7 holes
Total	37 ft	81 holes

Trip in hole with packer on tubing. Moved packer to 4217 ft. Spotted 250 gallons of 7 1/2% DI HCL acid across Menefee perforation interval. Moved tubing and set packer at 3903 ft. Broke down Menefee perforations immediately down the tubing. Established an injection rate of 4.0 BPM @ 1350 psi, ISIP = 450 psi (.54 frac gradient). Acidized Menefee interval with 500 gal of 7 1/2% DI weighted HCL acid containing 122 1.1 sg RCN ball

sealers. Saw some ball action, but did not balloff. After acid and balls were flushed past perforations, pumped at 4.0 BPM @ 2100 psi, ISIP = 1250 psi. Bled down pressure and pumped in again at 4.0 BPM @ 1450 psi. Released packer and tripped below perforations to knock ball sealers off perforations. Trip tubing and packer out of hole. Attempted to fracture stimulate the Menefee interval down the casing. Reached maximum pressure limitation at low pump rate soon after pumping started, pumping 5.0 BPM @ 1250 psi, ISIP = 1100 psi. Released Haliburton frac crew. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 2,055	Engineering:	$ 550
Wireline:	$ 3,537	Frac:	$ 36,427
Packer:	$ 1,474	Trucking:	$ 41
Drywatch:	$ 250		
Daily:	$ 44,334		
Cumulative:	$ 60,312		

1/9/98 Trip in hole with bit on 2 3/8" tubing. Drilled out bridge plug at 4280 ft using nitrogen foam to circulate. Tripped in hole and tagged fill at 4467 ft. Cleaned out 93 ft of sand fill and drilled bridge plug at 4560 ft. Tripped in hole and tagged fill at 6568 ft. Cleaned out 67 ft of sand fill to hard PBTD at 6635 ft. Well was flowing very hard throughout cleanout (aided by nitrogen). Recovered approximately 300 barrels of water during cleanout. Pull 10 stands of tubing. Shut down for the weekend.

ESTIMATED COSTS:

Rig:	$ 1,880	Engineering:	$ 550
Nitrogen:	$ 6,915		
Daily:	$ 9,345		
Cumulative:	$ 69,657		

1/10/98 Shut down for the weekend.

1/11/98 Shut down for the weekend.

1/12/98 Well had 850 psi on annulus and 0 psi on tubing (due to string float in tubing string). Blow down well and pump water in well to keep well killed. Trip tubing in hole and tag sand fill at 6601 ft. Trip tubing and bit out of hole. Trip in hole with pump bailer on tubing. Tag fill at 6584 ft. Worked sand pump and cleaned out 7 ft of fill to 6591 ft and pump bailer stopped working. Trip tubing and pump bailer 10 stands above Mesa Verde perforations and shutdown for the night.

ESTIMATED COSTS:

Rig:	$ 1,880	Engineering:	$ 550
Rentals:	$ 530	Water Hauling:	$ 2,850
Labor:	$ 1,200	Trucking:	$ 1,200
Daily:	$ 8,210		
Cumulative:	$ 77,867		

1/13/98 Well had 700 psi on the annulus. Blow well down and kill well. Trip tubing and pump bailer out of hole. Trip in hole with new pump bailer on tubing with notched collar on bottom. Tagged sand fill at 6576 ft (15 feet higher than cleaned out yesterday). Worked pump bailer but could not clean out sand. Pump 40 barrels of water down tubing to help bailer. Cleaned out 4 ft of sand to 6580 ft and pump bailer stopped working. Tripped out of hole with tubing and pump bailer. Trip in hole to 4000 ft with notched collar on tubing. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,540	Engineering:	$ 550
Rentals:	$ 530	Water Hauling:	$ 225
Daily:	$ 2,845		
Cumulative:	$ 80,712		

1/14/98 Well had 500 psi on the annulus. Blow well down. Trip remainder of tubing in hole and tagged sand fill at 6576 ft. Rigged up Halliburton nitrogen. Cleaned out 62 ft of sand fill to 6638 ft with nitrogen. Tubing got stuck in hole after cleaned out to bottom. Worked remainder of day trying to free stuck tubing with no results. Left annulus flowing to flow tank. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,711	Engineering:	$ 550
Rentals:	$ 530	Water Hauling:	$ 225
Nitrogen:	$ 4,320	Drywatch:	$ 250
Daily:	$ 7,586		
Cumulative:	$ 88,298		

1/15/98 Rigged up Wireline Specialties. Ran freepoint and found tubing stuck at 6550 ft RKB. Used chemical cutter to cut off tubing at 6532 ft RKB. Left approximately 100 ft of fish in hole. Top of fish at 6532 ft RKB (Dakota perforations 6591-6604 and 6629-6633 covered by fish and sand). Trip tubing out of hole. Trip in hole with tubing and landed in Point Lookout interval as follows:

Description	Length	Depth
KB to landing point	11.50	0 - 12
140 jts of 2 3/8" 4.7#/ft J55 EUE new tubing	4424.05	12 - 4436
1 seating nipple	1.08	4436 - 4437
1 jt of 2 3/8" new tubing with notched collar	31.63	4437 - 4468
	4468.26	

Nipple down BOP. Nipple up wellhead. Opened well to flow to the flow tank. Left well flowing to cleanup. Released rig. Job complete.

ESTIMATED COSTS:

Rig:	$ 1,540	Engineering:	$ 550
Tubing:	$ 16,030	Rentals:	$ 1,000
Wireline:	$ 3,470	Bridgeplugs:	$ 5,305
Daily:	$ 27,895		
Cumulative:	$116,193		

Jan 1998 - December 1998 - Well is producing.

12/7/98 Move in and rigged up Aztec Well Service Rig #471. Kill well with 50 barrels of 1% KCl water. Nipple down wellhead and nipple up BOP. Added 67 joints of 2 3/8" tubing and tagged fish at 6536 ft RKB. Trip tubing out of hole. Pick up 4 jts of 3 ¾" washpipe, 6 jts of 3 1/8" drill collars, and 2 stands of tubing. Shut down for the night with drywatch.

ESTIMATED COSTS:

Rig:	$ 1,665	Engineering:	$ 550
Rentals:	$ 300	Water:	$ 300
Trucking:	$ 400	Air package:	$ 1,825
Drywatch:	$ 250		
Daily:	$ 5,290		
Cumulative:	$121,483		

12/8/98 Trip remainder in hole with washpipe, collars, and 2 3/8" tubing. Rigged up ECD air package. Circulate 100 feet of sand fill around and over fish to PBTD of 6638 ft. Trip tubing, collars, and washpipe out of hole. Shut down for the night with drywatch.

ESTIMATED COSTS:

Rig:	$ 1,850	Engineering:	$ 550
Fishing:	$ 4,735	Air package:	$ 3,779
Drywatch:	$ 250		

Daily: $ 11,164
Cumulative: $132,647

12/9/98 Trip in hole with 3 ¾" overshot, 3 1/8" bumper sub and jars, and drill collars on 2 3/8" tubing. Recovered 100 ft of 2 3/8" tubing fish. Trip in hole with tubing and landed as follows:

Description	Length	Depth
KB to landing point	11.50	0 - 12
3 jts of 2 3/8" 4.7#/ft J55 EUE new tubing	96.96	12 - 108
204 jts of 2 3/8" 4.7#/ft J55 EUE new tubing	6447.53	108 - 6556
1 seating nipple	1.08	6556 - 6557
1 jt of 2 3/8" new tubing with notched collar	31.63	6557 - 6589
	6588.70	

Nipple down BOP. Nipple up wellhead. Well not flowing. Left well open to the flow tank. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,850	Engineering:	$ 550
Fishing:	$ 3,100	Tank Rental:	$ 500
Tubing:	$ 200	Drywatch:	$ 250

Daily: $ 6,450
Cumulative: $139,097

12/10/98 Well is dead this morning. Rigged to swab. Made 14 swab runs and kicked well off flowing. Well died. Kicked well off again. Well flowed for 2 hours and died. Shut well in. Shut down for the night.

ESTIMATED COSTS:

Rig:	$ 1,450	Engineering:	$ 200

Daily: $ 1,650
Cumulative: $140,747

12/11/98 Overnight pressures: tub: 350 psi, csg: 350 psi. Tubing pressure blew right down, no flow. Rigged to swab. Made 1 swab run and kicked well off flowing. Rig down and released rig.

ESTIMATED COSTS:

Rig:	$ 350	Engineering:	$ 100

Daily: $ 450
Cumulative: $141,197