

WELL LOGS

K z

API number:	30-025-38810		
OGRID:		Operator:	APACHE CORP
		Property:	B M MARCUS # 5

surface	ULSTR:	B	20	T	20S	R	38E
			330	FNL	1650	FEL	

BH Loc	ULSTR:	B	20	T	20S	R	38E
			330	FNL	1650	FEL	

Ground Level:	3564	DF:	3574	KB:	3575	
Datum:	KB			TD:	7300	

Land: FEE

Completion Date: (1) 8/14/2008

Date Logs Received: 7/11/2008

Date Logs Due in: (2)

Confidential:	NO			Date out:	
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In. (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
DSN/SDL	200	3850	Spectral Density Dual Spaced Neutron
DLL/MGRD	2500	3850	Dual Laterolog Micro Guard Log
DLL/MSFL	2500	3850	Dual Laterolog Micro Spherically Focused Log
HRI	1162	3850	High Resolution Induction
CSL	1162	3850	Compensated Sonic
	1162	3850	Borehole Volume Calculations

K z

OCD TOPS

Rustler	1467	Strawn		
Tansill	2587	Atoka		
Yates	2756	Morrow		
7R	2982			
T. Bowers Sd				
B. Bowers Sd				
Queen	3560			
Penrose				
Grayburg				
San Andres	4097			
Glorieta	5393			
	5884			
Tubb	6396			
Drinkard	6706			
Abo	7000			
Wolfcamp				

District I

1625 N French Dr., Hobbs

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-025-38810
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	N/A
7. Lease Name or Unit Agreement Name	BM Marcus
8. Well Number	005
9. OGRID Number	00873
10. Pool name or Wildcat	Blinebry O&G

SOND BY 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 ☐ Other ☐

2. Name of Operator
Apache Corporation

3. Address of Operator
6120 S Yale Ave, Suite 1500
Tulsa, OK 74136-4224

4. Well Location
Unit Letter B : 330 feet from the North line and 1650 feet from the East line
Section 20 Township 20S Range 38E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,554' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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 ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Completion Procedure ☒

13. 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 Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

07/24/08 PERF DRINKARD @ 6888-92, 6909-13, 6924-30, 6954-58' 2 JSPF
07/25/08 ACID DRINKARD W/ 2000 GALS 15% HCL
07/28/08 ATTEMPTED TO FRAC DRINKARD W/ 25K GALS SS-70 AND 2K LBS 20/40 SAND. WELL SCREENED OUT.
07/30/08 CIRC GEL OUT OF CSG AND CIRC HOLE CLEAN. RE-ACID DRINKARD W/ 2000 GALS 15% HCL.
07/31/08 ATTEMPTED TO FRAC DRINKARD W/ 25K GALS SS-35 AND 2K LBS 20/40 SAND. FRAC WOULD NOT TAKE.
07/31/08 RE-ACID DRINKARD W/ 2000 GALS 15% HCL.
07/31/08 FRAC DRINKARD W/ 63K GALS SS-35 AND 90K LBS 20/40 SAND.
08/01/08 WASH SAND TO PBTD @ 7202' AND CIRC HOLE CLEAN.
08/02/08 PERF TUBB @ 6484-88, 6508-12, 6530-34, 6648-52, 6686-90' 2 JSPF. SET RBP @ 6800'
08/04/08 ACID TUBB W/ 2000 GALS 15% HCL
08/05/08 FRAC TUBB W/ 87K GALS SS-2500 AND 169K LBS 20/40 SAND
08/06/08 PERF BLINEBRY @ 5886-90, 5967-71, 6081-85, 6265-69' 2 JSPF. SET RBP @ 6350'
08/07/08 ACID BLINEBRY W/ 2000 GALS 15% HCL
08/08/08 FRAC BLINEBRY W/ 82K GALS SS-2500 AND 152K LBS 16/30 SAND
08/09/08 RIH W/ PRODUCTION TBG TO 6286'
08/11/08 RIH W/ PUMP & RODS
08/12/08 SET 640 PUMPING UNIT AND WAIT ON POWER
08/14/08 PUMP TESTING BLINEBRY

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Sophie Mackay TITLE Engineering Tech DATE 09/04/2008

Type or print name Sophie Mackay E-mail address: sophie.mackay@apachecorp.com Telephone No. (918)491-4864
For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE SEP 11 2008
Conditions of Approval (if any): _____

Apache Corporation
6120 S. Yale Ste 1500
Tulsa, OK 74136

B.M. MARCUS #5
Lea County, New Mexico

30-025-38810

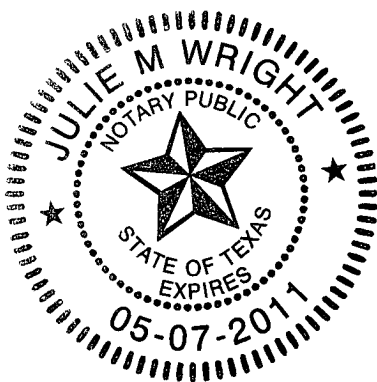
RECEIVED

SEP - 2 2009

HOBBS OCD

B-20-205-38e
330/N & 1650/E

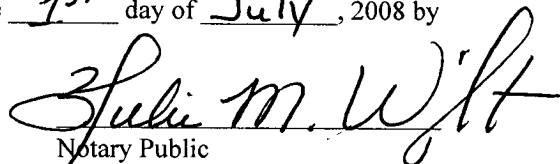
198	1.98	1	1.75	3.47	3.47
469	2.71	1	1.75	4.74	8.21
999	5.30	1/4	0.44	2.32	10.53
1474	4.75	3/4	1.31	6.23	16.76
1962	4.88	1/2	0.88	4.27	21.03
2215	2.53	1	1.75	4.43	25.46
2563	3.48	3/4	1.31	4.57	30.03
2814	2.51	1 1/2	2.63	6.59	36.61
2941	1.27	1	1.75	2.22	38.84
3441	5.00	3/4	1.31	6.56	45.40
3941	5.00	1/2	0.88	4.38	49.77
4424	4.83	1/2	0.88	4.23	54.00
4928	5.04	3/4	1.31	6.62	60.62
5401	4.73	1/2	0.88	4.14	64.75
5933	5.32	3/4	1.31	6.98	71.74
6438	5.05	1 1/2	2.63	13.26	84.99
6949	5.11	1/2	0.88	4.47	89.46
7300	3.51	3/4	1.31	4.61	94.07





Archie Brown - General Manager

The attached instrument was acknowledged before me on the 1st day of July, 2008 by
Archie Brown - General Manager, CapStar Drilling, L.P.



Notary Public
