

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-05378
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-7896
7. Lease Name or Unit Agreement Name	State O
8. Well Number	23
9. OGRID Number	000873
10. Pool name or Wildcat	Lovington Drinkard

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 ☐ Other ☐	
2. Name of Operator Apache Corporation	
3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224	
4. Well Location Unit Letter <u>P</u> : <u>990</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>East</u> line Section <u>31</u> Township <u>16S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3823' DF	
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: ☐

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.

10/28/2004

MIRUSU. LD rods. NUBOP. TOOH. RU wireline. Set CIBP above Drinkard @ 7790' w/ 35' cmt. TIH to 7750'. Circ hole w/ mud. RU BJ. PU to 6050'. Spot 25 sx cmt plug across Glorieta zone from 6045-5945. TOOH. RIH w/ 3 5/8 HSC & shoot 4 squeeze holes @ 3212'. RD wireline. PU retainer & RIH to 3123'. Squeeze 25 sx cmt across 8 5/8 shoe & leave 25 sx inside csg (3212-3112). PU & spot 25 sx cmt plug across salt section from 2198-2098. PU & spot 25 sx cmt plug across f/w zone from 400-300. PU & spot 10 sx cmt surface plug. RDMO. Weld plate & riser on well. Cut off deadmen & clean location. Job complete.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.



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 Kara Coday TITLE Sr. Engineering Technician DATE 11/01/2004

Type or print name Kara Coday
For State Use Only

E-mail address: kara.coday@apachecorp.com Telephone No. (918)491-4957

APPROVED BY: Harry W. Wink TITLE FIELD REPRESENTATIVE / STAFF MANAGER DATE NOV 08 2004
Conditions of Approval (if any):

CEMENT JOB REPORT



CUSTOMER Apache Corporation			DATE 18-OCT-04		F.R. # 390510100		SERV. SUPV. John Riley			
LEASE & WELL NAME State O #23 - API 30025053780000			LOCATION S 31.7 16 S.R. 37 E			COUNTY-PARISH-BLOCK Lea New Mexico				
DISTRICT Hobbs			DRILLING CONTRACTOR RIG # Lucky Well Service			TYPE OF JOB Plug & Abandon				
SIZE & TYPE OF PLUGS		LIST CSG HARDWARE		PHYSICAL SLURRY PROPERTIES						
NA-P&A				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ										
Fresh H2O					8.34				1	
Class C Neat				135	14.8	1.33	6.34		32	20.39
Brine + Salt Gel					9.5				35	
Available Mix Water 130 Bbl.				Available Displ. Fluid 100 Bbl.		TOTAL			68	20.39
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
			2.875	6.4	TBG	6059	C-75			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD
5.5	17	CSG	7790	Ball Check Cement Retainer, 2		3123	3212		2.875	EUE BRINE
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
34.5	BBLS	Brine + Salt Gel	9.5	0	0	2000	7260	2000	5320	2000
MIX WATER Xports										
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:										
PRESSURE/RATE DETAIL						EXPLANATION				
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐				
	PIPE	ANNULUS				TEST LINES 3400 PSI				
						CIRCULATING WELL - RIG ☐ BJ ☒				
07:30	250	0	5	20	FRESH H2	Rate Test				
07:55	0	0	0	0	0	Hold BJ Safety Meeting				
08:00	3000	0	1	1	FRESH H2	Test Lines				
08:08	153	0	1.5	6	SLURRY	Plug Slurry @ 6059 Ft				
08:10	459	0	3.4	33.5	BRINE	Displacement				
08:20	0	0	0	0	0	Trip Tubing out of Hole, Perforate @ 3212 Ft				
11:30	102	0	4.5	25	BRINE	Pump thru Perforations				
11:35	0	0	0	0	0	Trip in hole with tubing				
13:23	77	0	1.7	20	FRESH H2	Pump Thru Retainer				
13:35	1478	0	1	5	BRINE	Test Tubing				
13:45	357	0	3	12	SLURRY	Batch Up, Pump Cement @ 3123ft				
13:53	77	0	3.8	18	BRINE	Displacement				
14:00	0	0	0	0	0	Laydown to 2193 ft				
14:25	75	0	3.4	2	FRESH H2	Fresh H2O Ahead				
14:28	102	0	2.6	5.9	SLURRY	Batchup, Pump Cement @ 2193 Ft				
14:30	77	0	2.6	11	BRINE	Displacement				
14:35	0	0	0	0	0	Lay Tubing Down to 400 ft				
15:13	77	0	3	2	FRESH H2	Fresh H2O Ahead				
15:15	128	0	3	5.9	SLURRY	Batchup, Pump Slurry @ 416 ft				
15:21	0	0	0	0	0	Lay all tubing down				
16:00	75	0	1	2	SLURRY	Bring Cement to surface				
						140 sx total used				
						Thank You, John Riley				

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	BBL FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	3400 PSI
						CIRCULATING WELL - RIG	BJ ☒

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y ☐ N ☒	0	Y ☐ N ☒	0	176	0	Y ☐ N ☒	<i>John Riley</i>